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Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, or a smaller reporting company. See the definitions of “large accelerated filer,” “accelerated filer” and “smaller reporting company” in Rule 12b-2 of the Exchange Act.

Large accelerated filer  Accelerated filer

Non-accelerated filer  (Do not check if a smaller reporting company) Smaller reporting company

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Act). YES  NO

The aggregate market value of the common stock held by non-affiliates of the registrant was \$439.8 million as of June 30, 2016, which is the last business day of the registrant’s most recently completed second fiscal quarter, based upon the closing sale price on The NASDAQ Global Select Market reported for such date. Shares of common stock held by each officer and director and affiliates were excluded. This determination of affiliate status is not necessarily a conclusive determination for other purposes.

There were 48,526,180 shares of the registrant’s common stock issued and outstanding as of February 17, 2017.

**Documents Incorporated by Reference:**

Portions of the Definitive Proxy Statement for registrant’s 2017 Annual Meeting of Stockholders (the “2017 Proxy Statement”), are incorporated by reference in Part III of this Form 10-K to the extent stated herein. The 2017 Proxy Statement will be filed within 120 days of the registrant’s fiscal year ended December 31, 2016.

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## FORWARD-LOOKING INFORMATION

*This Annual Report on Form 10-K contains “forward-looking statements” that involve risks and uncertainties, as well as assumptions which, if they never materialize or prove incorrect, could cause our results to differ materially from those expressed or implied by such forward-looking statements. The statements contained in this Annual Report on Form 10-K that are not purely historical are forward-looking statements within the meaning of Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Exchange Act of 1934, as amended. Forward-looking statements are often identified by the use of words such as, but not limited to, “anticipate,” “believe,” “can,” “continue,” “could,” “estimate,” “expect,” “intend,” “may,” “will,” “plan,” “project,” “seek,” “should,” “target,” “will,” “would,” and similar expressions or variations intended to identify forward-looking statements. Forward-looking statements include statements regarding our business strategies and business model, products, benefits to our clients, future financial results and expenses, our acquisition of Inventus Solutions, Inc. (“Inventus”), our patent acquisition spending, and our competitive position. These statements are based on the beliefs and assumptions of our management based on information currently available. Such forward-looking statements are subject to risks, uncertainties and other important factors that could cause actual results and the timing of certain events to differ materially from future results expressed or implied by such forward-looking statements. Factors that could cause or contribute to such differences include, but are not limited to, those identified below, and those discussed in the section titled “Risk Factors” included in Part I, Item 1A of this Annual Report on Form 10-K.*

*Furthermore, such forward-looking statements speak only as of the date of this report. Except as required by law, we undertake no obligation to update any forward-looking statements to reflect events or circumstances after the date of such statements.*

## PART I.

### Item 1. Business.

#### Overview

RPX Corporation (together with its subsidiaries, “RPX”, “the Company”, “our”, “we” or “us”) was incorporated on July 15, 2008 in the state of Delaware. We help companies reduce patent litigation risk and corporate legal expense through two primary service offerings: our patent risk management services and our discovery services.

Our patent risk management services reduce transaction costs incurred by owners of patents and prospective licensees of those patents compared to transactions driven by actual or threatened litigation. The core of this service is defensive patent aggregation, in which we acquire patents or licenses to patents that are being or may be asserted by patent owners against our clients. We refer to acquired patents, licenses to patents, covenants not to sue, and other patent rights collectively as “patent assets.” When we acquire patent assets, we generally provide to our clients non-exclusive sub-licenses to those patent assets. We believe our patent risk management efforts allow clients to mitigate patent risk at a lower cost than they would be able to achieve through other approaches. As part of our services, we also provide our clients with access to proprietary patent market intelligence and data.

Insuring defendants against the cost of patent litigation is a natural extension of our defensive patent aggregation services. We offer patent litigation insurance that covers certain costs associated with patent infringement lawsuits, and we assume a portion of the underwriting risk on these insurance policies that we issue on behalf of a Lloyd's of London underwriting syndicate. Our insurance product helps policyholders manage and cap their risk of patent litigation. We are responsible for claims management and provide pre-litigation support to our policyholders based on our proprietary patent market data, which helps them manage their patent risk efficiently.

Our discovery services offering helps clients manage the costs and risks related to the legal discovery process through the use of technology and a comprehensive managed services model. Our approach is designed to streamline the administration of litigation matters, internal and external investigations, regulatory compliance, and other matters by offering a wide range of technology-enabled services including document collection and processing, document review, document production, and project management. Our discovery services clients include corporations and law firms.

Revenue from our patent risk management services constituted 80%, 100%, and 100% of our total revenue for the years ended December 31, 2016, 2015 and 2014, respectively. Revenue from our discovery services constituted 20%, 0%, and 0% of our total revenue for the years ended December 31, 2016, 2015 and 2014, respectively, as we began offering these services in 2016 as a result of our acquisition of Inventus Solutions, Inc.

#### The Markets

##### *Patent Risk Management Market*

The United States Constitution empowers Congress “to promote the progress of science and the useful arts by securing for limited times to authors and inventors the exclusive right to their respective writings and discoveries” through the grant of patents.

Patent rights are a key component of a knowledge-based economy and are assets that can be bought, sold or licensed. We refer to the market in which participants exchange value — whether through the sale or licensing of patents — as the “patent market.”

### ***Monetization of Patents***

Historically, the following fundamental attributes of patents have enabled patent monetization:

- *Patents Provide a Limited Monopoly* – In exchange for public disclosure of an invention, a patent owner is granted a monopoly over the use of a patented invention for a specified period, typically 20 years from the filing of the patent application.
- *Patents Confer Negative Rights* – Patent rights are negative rights, meaning that they generally enable a patent owner to exclude others from commercial exploitation of a patented invention, regardless of whether the patent owner has the resources to manufacture or commercialize the invention. As the owner of a negative right, a patent owner has recourse through litigation to prevent others from using, making, offering for sale or selling the patented invention. Even when the patented invention is only a component of a broader product or service, the negative right can be enforced against any product or service that practices the claims of the patented invention.
- *Patents May Be Licensed and are Infinitely Divisible* – A patent owner can authorize the use of the patented invention by one or more parties, typically in exchange for licensing fees. There is no legal limit to the amount of licenses a patent owner can provide to market participants.
- *Patents Are Assets That Can Be Transferred* – A patent can be sold, in which case the negative right and monopoly associated with the patented invention are transferred to the buyer. When a patent is sold, the buyer’s negative rights may be constrained by licenses granted by previous owners.

More recently, several developments have increased opportunities for patent monetization and created an environment that is more favorable to investing in patents for the purpose of generating financial returns. These developments include:

- *Improved Search Capabilities* – The entire database of United States patents is searchable on the Internet, enabling patent investors to quickly identify patents and their owners. The Internet also makes it much easier for patent owners to identify and research products and services that may practice the claims of their patented inventions.
- *Increasing Rate of Issuance of Technology Patents* – Patents issued with class code identifiers that we classify as technology-related patents have nearly doubled in the past 10 years.
- *Overlap of Technology Patents* – Because inventors can patent incremental improvements to existing inventions, multiple patents can apply to individual components of a product or service. Consequently, multiple patent owners may seek to extract license fees related to a single product or service. One example of this overlap of patents is semiconductor technology known as DRAM. Today, there are several thousand issued United States patents with “DRAM” specifically listed as a claim element. These DRAM patents span design, fabrication, testing and component technology including dies, capacitors, memory cells, transistors, integrated circuits, substrates and packaging. Each of those aspects may be covered by multiple patents that could be infringed by a DRAM semiconductor device or downstream product. Potential infringement of these patents could occur by anyone who designs, makes, uses or sells a product using this technology.
- *Technology Convergence* – Complex products, such as smartphones, incorporate numerous technology components, and a constantly expanding set of features and services, including touchscreens, Internet access, streaming video, media playback, app downloads, and Wi-Fi, Bluetooth, and other connectivity options. The addition of features and services often exposes these products to additional claims of patent infringement.
- *Technology Diffusion* – As the costs of certain technologies decline — especially computing and communications technologies — these technologies are often integrated into previously discrete products. For example, it is increasingly common to find Internet connectivity embedded into devices such as thermostats, security cameras, and garage door openers. The diffusion of new, patented technologies into these products may expose these products to claims of patent infringement.
- *More Companies Employing Patented Technologies* – A growing number of companies, including non-technology companies, make, use and sell products or services that utilize patented inventions. For example, consumer banks now offer online and mobile banking and bill pay as a standard feature, which rely on numerous complex technologies that may be subject to many patents.
- *Specialized Appellate Court for Patent Cases* – The United States Court of Appeals for the Federal Circuit was created in 1982 to serve as the central appellate venue for patent-related cases. We believe this centralization of patent-related appeals has resulted in a more uniform application of patent law. In addition, various federal district courts have adopted patent-specific rules of procedure to facilitate patent litigation. These factors have created a more attractive environment for patent assertions.

These developments have caused significant capital to flow to companies specifically formed to acquire and monetize patent assets.

### ***Emergence and Growth of Non-practicing Entities ("NPEs")***

NPEs do not create or sell products or services that "practice" the claims of their patented inventions, but instead monetize patents through sale, licensing agreements, or the pursuit of litigation settlements. Some NPEs obtain patents through their own research and development efforts, while others accumulate patents through acquisitions. NPEs have become a major factor in the patent market and an important source of liquidity for patent owners.

Operating companies can incur significant costs to defend themselves against patent assertions by NPEs. At a minimum, companies faced with an assertion letter typically respond to the assertion letter and evaluate the patents being asserted. If the assertion proceeds to litigation, costs grow substantially. Because NPEs generally do not create or sell their own products or services, they are not susceptible to counter-assertion, a common defensive strategy in patent disputes between operating companies.

We believe that the amount of capital raised by NPEs is currently in the billions of dollars. Some of the large awards and settlements received by NPEs have resulted in extensive media coverage, contributing to a significant influx of capital into the patent market. NPE activity has declined somewhat over the past year, partially due to the impact of Patent Trial and Appeal Board challenges and the Supreme Court's 2014 decision in *Alice Corp. v. CLS Bank International*. However, as of December 31, 2016, more than 4,700 NPEs have been identified by RPX as active either in patent infringement litigation or patent transactions leading to patent litigation since 2005. In addition, many individual inventors and universities are also using litigation or threat of litigation to monetize patents.

### ***Discovery Services Market***

Organizations across the world spend billions of dollars each year on the legal discovery process through internal discovery service resources or through outsourced options such as law firms or businesses that offer distinct discovery support services.

The proliferation of documents generated through electronic communications and office software products as well as increasing regulations and changes in discovery protocols around the world is accelerating growth in the discovery services. Additionally, we believe the evolution of other jurisdictions towards the United States discovery model will translate into increased growth in the international discovery services industry. We expect a majority of this expected growth to come from corporations as the buying decision for discovery services continues to shift toward the principal or litigant as opposed to external legal counsel.

## **Our Services and Benefits to Our Clients**

### ***Patent Risk Management Services***

We have pioneered an approach to help operating companies mitigate patent risk and expense by serving as an intermediary through which they can participate more efficiently in the patent market. Clients that join our network and subscribe to our membership pay an annual subscription fee and gain access to our patent risk management services. The subscription fee is typically based on a rate card that is itself based on a client's revenue or operating income and remains generally in place over the term of a membership, with adjustments for changes in the Consumer Price Index and other factors. By offering a predictable annual fee that does not change based on our patent asset acquisitions, we divorce the amount of fees charged from the value of our patent assets. We believe our pricing structure creates an alignment of interests with our clients, allowing us to be a trusted intermediary for operating companies in the patent market.

### ***Defensive Patent Aggregation***

The core of our patent risk management services is defensive patent aggregation, in which we acquire patent assets that are being or may be asserted against our current and prospective clients. When we acquire patent assets, we generally provide to our clients non-exclusive sub-licenses to those patent assets. We acquire patent assets from multiple parties, including operating companies, individual inventors, NPEs, universities, and bankruptcy trustees. We also acquire patent assets in different contexts, including when they are made available for sale or license by their owners or to resolve threatened or pending litigation against our clients or prospective clients.

We have not asserted and will not assert our patents. We have never initiated patent infringement litigation, and our clients receive guarantees that we will never assert patents against them. We consider this guarantee to be of paramount importance in establishing trust with our clients. In addition, because we have minimal risk from infringement claims, we are able to engage in more transparent discussions regarding the value of patent assets with patent owners. Our ability to engage in transparent discussions with both operating companies and patent owners allows us to act as an effective intermediary between participants in the patent market. As a result, we provide a conduit through which value can flow between market participants at lower transaction costs than is typically the case when patents are monetized through litigation or the threat of litigation.

As a part of our patent risk management services, we provide extensive patent market intelligence and data to our clients. Clients can access this market intelligence and data through our proprietary web portal and through discussions with our client relations team. This market intelligence and data helps our clients better understand past and potential patent acquisition transactions, relevant litigation activity and key participants and trends in the patent market. In a market with limited publicly available data on pricing and terms of licenses and litigation settlement, we believe our data and market intelligence is a valuable resource for our clients and prospects.

### ***Insurance***

Our patent infringement litigation expense insurance service is designed to give businesses greater control of the unpredictable financial impact of patent litigation. We believe that our access to historical data on patent transactions, litigations, and settlements uniquely enables us to assess and price the insurance based on a company's risk profile. We assume a portion of the underwriting risk on insurance policies that we issue on behalf of Lloyd's of London underwriting syndicate. The insurance product enables policyholders to better manage and mitigate the risk of patent litigation. Pricing is based on an actuarial model that calculates an individual client's insurance premium based on its projected annual frequency (i.e., number of claims during the policy term) and severity (i.e., the expenses it might incur to resolve a claim).

### ***Benefits to Our Patent Risk Management Clients***

In general, operating companies join our network to reduce their risk of patent litigation and the expected costs associated with patent risk management. In exchange for an annual subscription fee, which in some instances has been less than the costs associated with a single patent assertion, our clients gain access to the following benefits:

- *Reduced Risk of Patent Litigation* – Clients reduce their exposure to patent litigation because we continuously assess patent assets available for sale or license and acquire many that are being or may be asserted against our clients or potential clients. Our clients have no litigation risk related to the patents that we own.
- *Cost-Effective Licenses* – Our annual subscription fee is typically based on a client's historical financial results, which provides predictability for us and our clients. We believe our approach is different than the pricing strategies of traditional patent licensing businesses, which generally negotiate license fees based on the perceived relevance of their various patent portfolios to each licensee. We believe our approach to pricing also provides clients with non-exclusive license rights to our large and growing portfolio of patent assets at a lower cost than they would have paid if these patent assets were owned by other entities.
- *Reduced Patent Risk Management Costs* – Clients can reduce their ongoing patent risk management costs by supplementing their internal resources with our database of information and extensive transaction experience relating to the patent market. We actively monitor the patent market to understand the availability of patent assets for sale or license, the identity of the owners and licensors of these assets, the terms by which they may be available and the technologies to which these assets apply. We also track relevant litigation activity and identify key participants and trends in the patent market. As part of their subscription, our clients have access to this information through our proprietary web portal and through discussions with our client relations team.

### ***Discovery Services***

Our managed services model helps our clients effectively minimize operational burden, risk, and the overall cost of the legal discovery process. Our technology allows us to host millions of documents for review across multiple geographies. We offer our clients any or all of the following services:

- *Data Collection and Forensics* - We offer multiple collection platforms and techniques aimed at harvesting potentially relevant data in the most cost effective ways. We have trained internal experts and partners available to perform data collection in conformance with country-specific data protection laws.
- *Data Processing and Analytics* - We offer advanced data filtering techniques and processing services using various sophisticated third-party software, data analytics, and technology assisted review.
- *Data Hosting* - Clients have access to technology-enabled document review software.
- *Project Management* - Internal subject matter experts trained in discovery procedures and protocols are available to assist clients with project setup and configuration, and to help clients navigate and utilize industry best practices. Our project management experts have a unique combination of legal acumen and technical expertise to deliver the most efficient services to our clients.
- *Production* - We offer high volume data production capacity and printing, copying, and scanning services.
- *Document Review Services* - We utilize a variable workforce model to manage and staff the activities required to review large document collections in legal matters. These tasks include sourcing qualified legal professionals for project-based

work, developing appropriate review protocols and quality control procedures, and providing guidance to outside counsel throughout the various stages of the complex discovery process.

### ***Information Technology***

Our software and technology infrastructure allow us to provide secure, high-reliability capabilities to our clients such as high volume data intake, data hosting, and data review platforms. Our network infrastructure is a key component of our technology footprint since our review services offering is within our private hosted environment where we manage significant volumes of client data across thousands of client matters. Client matters may entail millions of documents, terabytes of data and complex structured data from databases as well as unstructured data from email archives. We operate data centers domestically and internationally that provide secure access to our software environment and client databases. Information security is critically important given the sensitive nature of the data provided by our clients.

### ***Benefits to Our Discovery Services Clients***

Corporations and law firms seek our discovery services to organize responsive data for various types of legal and compliance matters in a legally defensible manner, thereby reducing both litigation risk and cost. In exchange for our discovery services fees, our clients receive the following benefits:

- *Reduced Cost of Litigation* – Clients reduce their litigation costs by using our technology-enabled services to eliminate redundant data and organize it in a manner that reduces the number of responsive documents that need to be reviewed by attorneys, which is typically the single largest cost of most legal matters. In addition, our technology allows the client to repurpose previously processed data from individual custodians that may be responsive to multiple matters, thereby compounding cost savings and administration time.
- *Increased Visibility into the Discovery Process* – We use a managed service model to offer our proprietary discovery services management platform, which adds clarity, visibility, and efficiency to our clients' litigation discovery process. Seamless integration with industry-leading third-party applications helps our clients focus on critical information early in the litigation life cycle through efficient access to important data.
- *Secure Hosting of Data* – Our clients' electronic data is stored in a secure, monitored environment. We maintain strict security standards and procedures to protect our clients' sensitive, and often confidential, information.
- *Access to Support Services* – Our global network of trained experts help our clients maximize their use of our software tools. We have experienced personnel in major markets across the country and internationally in order to provide localized support that is responsive to our clients' needs.

### **Our Strategy**

Our mission is to reduce risk and cost for corporate legal departments through data-driven decision-making, technology, and market-based solutions. A significant part of that mission is to transform the patent market by establishing RPX as the essential intermediary between patent owners and operating companies and by providing complementary technology-focused discovery services. Our strategy includes the following:

- *Growing Our Client Network* – We intend to grow our client network by developing relationships with companies that have experienced patent litigation, often initiated by NPEs, or the need for discovery services, and continuing to demonstrate the value of our services.
- *Acquiring Additional Patent Assets* – We intend to continue to acquire patent assets that are being or may be asserted against current and prospective clients and to increase our role and expertise in the patent market. We believe our disciplined approach to valuing and acquiring patent assets will allow us to continue to deploy our capital in an efficient and effective manner to maximize the patent risk management benefits to our clients.
- *Focusing on Client Relations* – We intend to deliver the highest levels of service and support to our clients to build and maintain trusted relationships and high levels of client retention.
- *Developing Proprietary Technology Services for Our Clients* – We intend to continue to enhance our proprietary web portal to provide our clients with the most current intelligence and data on patent acquisition opportunities, relevant litigation activity and key market participants and trends that affect their patent risk exposure. We also continually improve our discovery services to maximize throughput and improve analytical capabilities.
- *Syndicated Transactions* – On certain occasions, clients ask us to acquire patent assets that we would not otherwise purchase using our capital (due to the size or limited applicability of the portfolio). In these instances, we facilitate syndicated transactions that include contributions from participating clients in addition to their annual subscription fees. Similar to other acquisitions, these syndicated deals are designed to efficiently share resources and collectively reduce litigation risk. Transaction participants often pay a fee to RPX for structuring, negotiating and executing the transactions.



- *Offering Patent Infringement Litigation Insurance* – We offer insurance policies for businesses interested in management of their exposure to patent infringement claims.
- *Deterring Abusive Patent Assertion Practices* - We believe we can improve the efficiency of the patent market, lower unnecessary costs, and deter abusive patent assertion practices by performing systematic, high quality prior art searches on asserted patents, challenging the validity of low quality patents at the United States Patent and Trademark Office, and performing other activities to improve patent quality.
- *Enhancing Our Capabilities Through Complementary Acquisitions* – We occasionally evaluate the potential acquisition of businesses and technologies in adjacent markets that can enhance our capabilities and offerings to our clients.
- *Expand Our International Operations* – We will continue to investigate expansionary efforts for our patent risk management and discovery services to allow us to help our current and future clients manage litigation risks and legal costs internationally.
- *Synergizing Our Client Base* – We intend to leverage our relationships to cross-sell our discovery services and our patent risk management offering to our client network. We believe we have a unique opportunity to expand our footprint through our existing client base while simultaneously helping clients reduce legal spend and mitigate risk.

## **Our Client Network**

### *Patent Risk Management Client Network*

We have built a network of clients that includes some of the world’s most prominent technology companies, as well as many smaller and emerging companies. As of December 31, 2016, we had 348 clients.

We believe our patent risk management services are broadly applicable to companies that design, make or sell technology-based products and services as well as to companies that use technology in their businesses. Our clients are active in a broad range of industries including consumer electronics, personal computers, e-commerce, financial services, software, media content and distribution, mobile communications and handsets, networking and semiconductors.

### *New Client Acquisitions*

Our client development team identifies potential clients by prioritizing operating companies that have been subject to patent infringement claims initiated by NPEs. The membership team is responsible for educating potential clients on the benefits of our patent risk management services and explaining how these services mitigate patent risk and reduces expense. After we have communicated our business model to a prospective client, we invest considerable resources researching the company’s business, providing information about the patent market and developing a relationship of trust with the executives responsible for patent-related matters. We also proactively monitor litigation activity related to each of our clients and certain prospective clients to help us direct our patent asset acquisition and membership sales efforts. In addition, we conduct a variety of marketing efforts to establish ourselves as a leading source of information in the patent market, including industry conferences and seminars, public relations and industry research.

### *Client Retention and Client Relations*

After a company has become a client, the maintenance of the relationship is handled by our client relations team. One of the primary responsibilities of our client relations team is to maintain frequent dialogue with senior executives of our clients so we can better understand their patent risk profiles. Our continued success and our ability to retain clients depend on our ability to demonstrate that our patent risk management services reduce their costs in patent matters.

Our client relations team also provides clients with patent market intelligence and updates on our patent asset acquisitions over the term of their memberships. We provide this information through direct discussions with our clients and also share information with them through our proprietary web portal. We believe our frequent interactions allow us to optimize our patent asset acquisition decisions, thus supporting our client retention efforts.

### *Patent Asset Portfolio and Patent Asset Acquisition*

We acquire patent assets that are being or may be asserted against current or prospective clients. As of December 31, 2016, we had deployed over \$2.2 billion of our capital and the capital of our clients to acquire patent assets. Of this amount, deployment of our capital totaled approximately \$947 million. Since inception, approximately two-thirds of our \$947 million patent acquisition capital has been deployed for the purchase of patent rights and the balance deployed for the purchase of patents. Acquisitions of patent rights generally benefit only those operating companies that are clients at the time of the acquisition, whereas acquisitions of patents benefit both current and future clients. Our patent asset acquisition efforts have been broadly diversified across the following market sectors: consumer electronics, personal computers, e-commerce, financial services, software, media content and distribution, mobile communications and handsets, networking and semiconductors.

The substantial majority of our 385 acquisitions through December 31, 2016 involved patent assets that we believed were relevant to multiple clients and/or prospective clients and were funded with our own capital resources. We occasionally identify patent assets that cost more than we are prepared to spend of our own capital resources or that may be relevant only to a very small number of clients. In these circumstances, we may structure and coordinate a transaction in which certain of our clients contribute funds that are in addition to their subscription fees in order to acquire those patent assets. We refer to such transactions as syndicated acquisitions. These syndicated acquisitions may secure rights just for those clients who elect to participate in the transaction or, if we contribute capital, may secure rights for all of our clients.

We apply a disciplined and proprietary methodology to valuing patents that is based primarily on our judgment regarding the costs our clients might incur from potential assertions of those patents if we were not to acquire them. A number of factors are involved in our valuation methodology, including the degree to which patent claims may describe technologies incorporated in clients' products or services, pricing expectations that we obtain from open market activities, the revenues our clients generate from products or services potentially affected by the patents, the extent to which the patents would be attractive to NPEs, and the legal quality of the patents and their likely validity. As part of our approach, we also consider the degree to which we have already acquired patent assets in similar market sectors that were being or may be asserted against each of our clients. We also closely monitor new case law and new legislation that can affect the underlying patent value.

Because each acquisition of a patent asset may create value for more than one client, we believe our acquisitions of patent assets create a network effect: expanding our portfolio of patent assets results in greater patent risk mitigation for our clients, which we believe leads to greater opportunities to retain and grow our membership base.

Our patent analysts, our acquisitions team, and our acquisitions approval committee employ a rigorous and disciplined approach to evaluating acquisition opportunities.

In situations where patents are already being asserted or litigated against our current or prospective clients, the evaluation process begins with a detailed review of the patents. Depending on the value of the transaction, the complexity of the evaluation process, the number of patent assets in the portfolio and the quality of the information provided by the seller or plaintiff, the patent acquisition process can range from as short as several weeks to more than six months.

We believe our position as a leading acquirer of patent assets gives us extensive access and visibility into the patent market. We closely track patent assets that become available on the market and, as of December 31, 2016, we had reviewed more than 8,500 patent portfolios since our inception. We believe our position in the market gives us direct access to a diverse group of patent sources, including brokers, individuals, companies, universities and law firms, all of which are familiar with our approach and acquisition criteria. We believe this familiarity provides us early notice of patent portfolios that are entering the market.

#### *Discovery Services Client Network*

Historically, in-house corporate legal departments of major corporations and top-tier law firms have demonstrated the most significant need for our discovery services. We have key relationships with Fortune 500 and other large domestic and multinational corporations in a variety of industries including financial services, energy and utilities, healthcare and pharmaceuticals, technology, telecommunications, retailers, and others. We also provide services to Am Law 100 firms domestically, Magic Circle firms in the United Kingdom, and leading regional and specialty law firms domestically and internationally. As of December 31, 2016, we had over 1,000 discovery services clients.

## **Competition**

#### *Patent Risk Management*

In our efforts to attract new clients and retain existing clients, our patent risk management services compete primarily against established patent risk management strategies within those companies. Companies employ a variety of other strategies to attempt to manage their patent risk, including internal buying or licensing programs, cross-licensing arrangements, patent-buying consortiums or other patent-buying pools and engaging legal counsel to defend against patent assertions. As a result, we spend considerable resources educating our existing and prospective clients on the potential benefits of our services and the value and cost savings they provide.

In addition to competing for new clients, we also compete to acquire patent assets. Our primary competitors in the market for patent assets are other entities that seek to accumulate patent assets, including NPEs such as Wi-LAN, Acacia Research, and PanOptis. We also face competition for patent assets from operating companies, including current or potential clients that seek to acquire patents or license patent assets in connection with new or existing product offerings.

We believe we compete favorably with other patent risk management services based on a number of factors:

- our alignment of interest and strong relationships with our clients resulting from our pricing structure and guarantee never to assert our patent assets against our clients;
- our ability to reduce the costs associated with patent market transactions by engaging in more transparent negotiations based on the economic value of patent assets rather than discussions involving litigation or the threat of litigation;
- our ability to increase efficiency and expand our role in the patent market as our client network and capital available for patent asset acquisitions grows;
- our access to data regarding our analysis of the patent market and patent litigation; and
- our extensive patent market expertise, relationships and transaction experience.

### *Discovery Services*

The discovery services market is highly fragmented, extremely competitive, and continually changing as technology and the legal and regulatory environments evolve around the world. Our competitors include larger businesses that offer a distinct discovery service offering such as DTI Global, KrollDiscovery, Consilio, and FTI Consulting. We also compete with smaller regional discovery services businesses as well as discovery services practices inside large and mid-sized law firms and professional services firms. Competition is primarily based on quality of service, level of data security, geographic reach, technology innovation, and pricing. We believe we generally compete favorably with other discovery services in these factors.

### **Intellectual Property**

We rely primarily on a combination of confidentiality, license and other contractual provisions and trademark, trade secret and copyright law to protect our proprietary intellectual property rights. Despite our efforts to protect our proprietary rights, unauthorized parties may attempt to copy or obtain and use our technology. We rely on a dedicated internal team as well as third-party vendors and advisors to assist with the maintenance and prosecution of the patent assets and applications that we acquire.

### **Employees**

As of December 31, 2016, we had 298 employees. Of the total employees, 108 are engaged in discovery services operations, 92 in sales, marketing and corporate development, 52 in legal, finance, and administration, 28 in patent acquisition and research, and 18 in system development and information technology. Of these employees, approximately 90% were employed in the United States and approximately 10% were employed internationally. None of our employees is represented by a labor union, and we consider current employee relations to be good.

### **Corporate Information**

We were incorporated in Delaware in July 2008. Our principal executive offices are located at One Market Plaza, Suite 800, San Francisco, California 94105. Our telephone number is (866) 779-7641. Our website address is [www.rpxcorp.com](http://www.rpxcorp.com). The information on, or that can be accessed through, our website is not part of this Annual Report on Form 10-K.

RPX<sup>®</sup> and Rational Patent<sup>®</sup> are registered trademarks of RPX Corporation. Any other trademarks appearing in this Annual Report on Form 10-K are the property of their respective holders.

We have two operating segments: patent risk management and discovery services. A summary of our financial information by geographic location is found in Note 17, "Segment Reporting," in the Notes to Consolidated Financial Statements.

### **Available Information**

Our Annual Report on Form 10-K, Quarterly Reports on Form 10-Q, Current Reports on Form 8-K and amendments to reports filed pursuant to Sections 13(a) and 15(d) of the Securities Exchange Act of 1934, as amended, are available free of charge on the Investor Relations section of our Web site at [www.rpxcorp.com](http://www.rpxcorp.com) as soon as reasonably practicable after we file such material with the Securities and Exchange Commission ("SEC"). The public may read and copy any materials filed with the SEC at the SEC's Public Reference Room at 100 F Street, NE, Room 1580, Washington, DC 20549. The public may obtain information on the operation of the Public Reference Room by calling the SEC at 1-800-SEC-0330. The SEC maintains a website that contains reports, proxy, and information statements, and other information regarding registrants that file electronically with the SEC at [www.sec.gov](http://www.sec.gov). The other information posted on our website is not incorporated into this Annual Report on Form 10-K.

## Item 1A. Risk Factors.

*Investing in our common stock involves a high degree of risk. You should consider carefully the risks and uncertainties described below before making a decision to buy our common stock. If any of the following risks actually occur, our business, financial condition, results of operations or growth prospects could be harmed. In that case, the trading price of our common stock could decline and you could lose all or part of your investment in our common stock. The risks described below are not the only risks facing us. Risks and uncertainties not currently known to us or that we currently deem to be immaterial also may materially adversely affect our business, financial condition, operating results, and growth prospects.*

### Risks Related to Our Business and Industry

***We may experience significant quarterly fluctuations in our operating results due to a number of factors, which make our future operating results difficult to predict and could cause our operating results to fall below expectations.***

Due to our limited operating history, our evolving business model and the unpredictability of our emerging industry, certain of our operating results have fluctuated significantly in the past and may fluctuate significantly in the future. Many of the factors that cause these fluctuations are outside of our control. The amount we spend to acquire patent assets, the characteristics of the assets acquired and the timing of those acquisitions may result in significant quarterly fluctuations in our capital expenditures and our financial results, and the amount and timing of our membership sales may result in significant fluctuations in our cash flow on a quarterly basis. As a result, comparing our operating results on a period-to-period basis may not be meaningful. You should not rely on our past results as an indication of our future performance.

In addition to the factors described above and elsewhere in this Item 1A, other factors that may affect our operating results include:

- our lengthy and unpredictable membership sales cycle, including delays in potential clients' decisions whether to subscribe to our patent management services;
- changes in our subscription fee rates or changes in our own pricing and discounting policies or those of our competitors;
- lower subscription fees from clients whose annual subscription fees decrease due to declining operating income or revenue of such clients or the effects of changes in foreign exchange rates;
- changes in patent law and regulations and other legislation, as well as United States Patent and Trademark Office procedures or court rulings, that reduce the value of our services to our existing and potential clients;
- the addition or loss of discovery services clients and projects which are difficult to predict and may result in material changes in quarterly revenue and costs;
- decreases in our clients' and prospective clients' costs of litigating patent infringement claims;
- losses incurred as a result of claims made on insurance policies underwritten or assumed by us;
- non-renewals from existing clients for any reason;
- loss of clients, including through acquisitions or consolidations;
- our inability to retain key personnel;
- our inability to acquire patent assets that are being asserted or may be asserted against our clients due to lack of availability, unfavorable pricing terms or otherwise;
- changes in the accounting treatment associated with our acquisitions of patent assets, how we amortize those patent assets and how we recognize revenue under subscription agreements;
- our acquisition of patent assets with a shorter estimated useful life that increases our near-term patent asset amortization expense and decreases our earnings;
- our inability to effectively develop and implement new services that meet client requirements in a timely manner;
- increases in the prices we need to pay to acquire patent assets;
- increases in operating expenses, including those attributable to additional headcount, the costs of new business initiatives, and our acquisition of Inventus;
- other matters related to our acquisition of Inventus and the expansion of our business into discovery services;
- any significant changes in the competitive dynamics of our market, including new competitors or substantial discounting of services that are viewed by our target market as competitive to ours;
- gains or losses realized as a result of our sale of patents, including upon the exercise by any of our clients of their limited right to purchase certain of our patent assets for defensive purposes in the event of a patent infringement suit brought against such client by a third party;
- outstanding debt service obligations and repayment thereof; and

- adverse economic conditions in the industries that we serve, particularly as they affect the intellectual property risk management and/or litigation budgets of our existing or potential clients.

If our operating results in a particular quarter do not meet the expectations of securities analysts or investors, our stock price could be substantially affected. In particular, if our operating results fall below expectations, our stock price could decline substantially.

***The market for our patent risk management services is evolving, and if these services are not widely accepted or is accepted more slowly than we expect, our operating results will be adversely affected.***

We have derived substantially all of our revenue from the sale of memberships to our patent risk management services and we expect this will continue for the foreseeable future. As a result, widespread acceptance of these services is critical to our future success. The market for patent risk management services is evolving and it is uncertain whether these services will achieve and sustain high levels of demand and market acceptance. Our success will depend, to a substantial extent, on the willingness of companies of all sizes to purchase and renew memberships as a way to reduce their patent litigation costs. If companies do not perceive the cost-savings benefits of patent risk management services, then wide market adoption of our patent risk management services will not develop, or it may develop more slowly than we expect. Either scenario would adversely affect our operating results in a significant way. Factors that may negatively affect wide market acceptance of these services, as well as our ability to obtain new clients and renew existing clients, include:

- reduced assertions from non-practicing entities ("NPEs") or decreased patent licensing fees owed to NPEs;
- limitations on the ability of NPEs to bring patent claims or limitations on the potential damages recoverable from such claims;
- reduced cost to our clients of defending patent assertion claims;
- uncertainty about our ability to significantly reduce patent litigation costs for a particular company;
- lack of perceived relevance and value in our existing patent asset portfolio by existing or potential clients;
- concerns by existing or potential clients about our future ability to obtain rights to patent assets that are being or may be asserted against them;
- reduced incentives to renew memberships if clients have vested into perpetual licenses in all patent assets that they believe are materially relevant to their businesses;
- lack of sufficient interest by mid- and small-size companies in our patent risk management or insurance offerings;
- reduced incentive for companies to become clients because we do not assert our patent assets in litigation;
- concerns that we might change our current business model and assert our patent assets in litigation;
- budgetary limitations for existing or potential clients; and
- the belief that adequate coverage for the risks and expenses we attempt to reduce is available from alternative products or services.

***Our limited operating history makes it difficult to evaluate our current business and future prospects, and potential clients may have concerns regarding the effectiveness of our business model in the future. If companies do not continue to subscribe to our services, our business and operating results will be adversely affected.***

We acquired our first patent assets in September 2008, sold our first membership in October 2008, and sold our first insurance policy in August 2012. In addition, we acquired Inventus and its litigation discovery services business in January 2016. The litigation discovery services business is a new business for us. Therefore, we have not only a limited operating history, but also a limited track record in executing our business model. Our future success depends on acceptance of our services by companies we target to become clients. Our efforts to sell our products to new and existing clients may not continue to be successful. We evaluate our business model from time to time in order to address the evolving needs of our clients and prospective clients, particularly in an industry that continues to develop and change. Our limited operating history may also make it difficult to evaluate our current business and future prospects. We have encountered and will continue to encounter risks and difficulties frequently experienced by companies in rapidly changing industries. If we do not manage these risks successfully, our business and operating results will be adversely affected.

If the market for our services develops more slowly than we anticipate, or if competitors introduce new solutions that compete with our services, we may be unable to renew our memberships, sell insurance policies or attract new clients at favorable prices based on the same pricing model we have historically used. In the future, it is possible that competitive dynamics in our market may require us to change our pricing model, reduce our subscription fee rates, or consider adding new pricing programs or discounts, which would likely harm our operating results. If we introduce a higher rate card for our subscription business in the future, it may be more difficult for us to attract new clients. In order to attract new clients and retain existing clients, in certain cases we have previously offered, and may in the future offer, discounts or other contractual incentives to clients.

***Our subscription fees from clients may decrease due to factors outside of our control. Any reduction in subscription fees could harm our business and operating results.***

Subscription fees are typically reset annually based on a client's reported revenue and operating income measured as of the end of its last fiscal year. If a client who is not already paying the minimum due under our rate card experiences reduced operating results, its subscription fee for the next year will decline. As a result, our revenue stream may be affected by conditions outside of our control that impact the operating results of our clients.

Our rate cards generally provide that our subscription fee as a percentage of the client's operating income decreases as their operating income goes up. In addition, many of our clients' rate cards are subject to an annual cap. As a result, if one of our clients acquires another client, our future revenue could be reduced as a result of the application of our rate card to the combined entity rather than to each entity separately. Any reduction in subscription fees could harm our business and operating results.

***Our membership sales cycles can be long and unpredictable, and our membership sales efforts require considerable time and expense. As a result, our membership sales are difficult to predict and will vary substantially from quarter to quarter, which may cause our cash flow to fluctuate significantly.***

Because we operate in a relatively new and unproven market, our membership sales efforts involve educating potential clients about the benefit of our services, including potential cost savings to a company. Potential clients typically undergo a lengthy decision-making process that has, in the past, generally resulted in a lengthy and unpredictable sales cycle. Mid- and small-size companies are generally subject to less patent litigation and we expect even lengthier sales cycles for such companies. We spend substantial time, effort and resources in our membership sales efforts without any assurance that our efforts will produce any membership sales. In addition, subscriptions are frequently subject to budget constraints, multiple approvals, and unplanned administrative, processing and other delays. As a result of these factors, our membership sales in any period are difficult to predict and will likely vary substantially between periods, which may cause our cash flow to fluctuate significantly between periods.

***The success of our business depends on clients renewing their subscription agreements, and we do not have an adequate operating history to predict the rate of membership renewals. Any significant decline in our membership renewals could harm our operating results.***

Our clients have no obligation to renew their subscriptions after the expiration of their initial membership period. We have limited historical data with respect to rates of subscription renewals, so we cannot accurately predict renewal rates. As of December 31, 2016 the weighted-average term of our subscription agreements with our current clients since the inception of those agreements was 2.4 years. As our overall membership base grows, we expect our rate of client renewals to decline compared to our historical rate. Our clients may choose not to renew their memberships or, if they do renew, may choose to do so for shorter terms or seek a reduced subscription fee. Many of our subscription agreements provide for automatic one-year renewal periods. As a result, as more of our clients are in renewal periods, the weighted-average term of our subscription agreements has decreased and may continue to decrease further. If our clients do not renew their subscriptions or renew for shorter terms or if we allow them to renew at reduced subscription fees, our revenue may decline and our business may be adversely affected.

Upon initial subscription, our clients receive a term license for the period of their membership to substantially all of the patent assets in our portfolio at the time of subscription. In addition, clients receive term licenses to substantially all of the patent assets we acquire during the period of their membership. Our subscription agreements also typically include a vesting provision that converts a client's term licenses into perpetual licenses on a delayed, rolling basis as long as the company remains a client. Accordingly, clients who continue to subscribe to our services receive perpetual licenses to an increasing number of our patent assets over time. If we are unable to adequately show clients that we are continuing to obtain additional patent assets that are being or may be asserted against them, clients may choose not to renew their subscriptions once they have vested into a perpetual license to all patent assets they believe are materially relevant to their businesses.

***Because we generally recognize revenue from membership subscriptions over the term of the membership, upturns or downturns in membership sales may not be immediately reflected in our operating results. As a result, our future operating results may be difficult to predict.***

We generally recognize subscription fees received from clients ratably over the period of time to which those fees apply. Most of our clients are invoiced annually, and thus their fees are recognized as revenue over the course of 12 months. Consequently, a decline in new or renewed subscriptions in any one quarter will not be fully reflected in that quarter's revenue and will negatively affect our revenue in future quarters. In addition, we may be unable to adjust our cost structure quickly to reflect this reduced revenue. Accordingly, the effect of either significant downturns in membership sales or rapid market acceptance of our services may not be fully reflected in our results of operations in the period in which such events occur. Our membership subscription model also makes it difficult for us to rapidly increase our revenue through additional sales in any period, as subscription fees from new clients must generally be recognized over the applicable membership term.

***If the Inventus security measures are breached, our discovery services may be perceived as not being secure, clients may curtail or stop using our discovery services, and we may incur significant legal and financial exposure.***

We process, store, and transmit large amounts of data, including personal information, for our discovery services clients, and a material security breach would expose us to a risk of loss of this information, litigation, and potential liability. Because the techniques used to obtain unauthorized access, disable or degrade service, or sabotage systems change frequently and often are not recognized until launched against a target, we may be unable to anticipate these techniques or to implement adequate preventative measures.

***We are dependent on our management team, and the loss of any key member of this team may prevent us from implementing our business plan, which could harm our future growth and operating results.***

Our success depends largely upon the continued services of our executive officers and other key personnel. We do not have employment agreements with any of our executive officers or other key management personnel that require them to remain our employees. Therefore, they could terminate their employment with us at any time without penalty. Our chief executive officer recently resigned his employment with us and we are currently searching for a new chief executive officer. We do not maintain key person life insurance policies on any of our employees. The loss of one or more of our key employees, including the recent loss of our chief executive officer, could seriously harm our business.

***Our inability to identify, attract, train, integrate and retain highly qualified employees would harm our business.***

Our future success depends on our ability to identify, attract, train, integrate and retain highly qualified technical, sales and marketing, managerial and administrative personnel. In particular, our ability to increase our revenue is dependent on our ability to hire personnel who can identify and acquire valuable patent assets and attract new clients. Competition for highly skilled sales, business development and technical individuals is intense, and we continue to face difficulty identifying and hiring qualified personnel in some areas of our business. We may not be able to hire and retain such personnel at compensation levels consistent with our existing compensation and salary structure. Many of the companies with which we compete for hiring experienced employees have greater resources than we have. If we fail to identify, attract, train, integrate and retain highly qualified and motivated personnel, our reputation could suffer, and our business, financial condition and results of operations could be adversely affected.

***We rely on various actuarial models in pricing our insurance product and estimating the frequency and severity of related loss events, but actual results could differ materially from the model outputs. Incurring losses that exceed our predictions could adversely affect our financial condition and results of operations.***

We employ various predictive modeling, stochastic modeling and/or actuarial techniques to analyze and estimate losses and the risks associated with insurance policies that we underwrite or reinsure. We use the modeled outputs and related analyses to assist us in making underwriting, pricing and reinsurance decisions. The modeled outputs and related analyses are subject to numerous assumptions, uncertainties and the inherent limitations of any statistical analysis. Consequently, modeled results may differ materially from our actual experience. If, based upon these models or otherwise, we under price our products or underestimate the frequency and/or severity of loss events, our results of operations or financial condition may be adversely affected, which could have a material adverse effect on our results of operations. If, based upon these models or otherwise, we over price our products or overestimate the risks we are exposed to, new business growth and retention of our existing business may be adversely affected.

***If we are unable to successfully expand our membership base to include small and mid-size companies, we may not be able to maintain our growth and our business and results of operations may be harmed.***

Many of our current clients are very large companies. The number of companies of that size is limited and, in order for us to continue our growth, we need to expand our membership base to include small and mid-size companies. There is no guarantee that we will be successful in those efforts. Small and mid-size companies often have more limited budgets available for services of the type we offer compared to large companies. Furthermore, small and mid-size companies are generally not subject to as much patent litigation as large companies and, therefore, may not perceive that the benefits of our services justify their cost. They may also have concerns that we will focus our patent acquisition efforts on patent assets that are of more benefit to our larger clients who pay us higher subscription fees. If we are unable to successfully expand our membership base to include an increased number of companies, our growth may slow, and our business may be harmed.

***We are investing management time and resources into developing products designed to provide insurance against patent infringement claims. We have limited prior experience in designing or providing insurance products. If we are not successful in selling a significant amount of these insurance products, we will not realize the anticipated benefit of these investments, which could have an adverse effect on our growth prospects, and our business may be harmed.***

We are investing management time and financial resources in the development of products designed to provide insurance against some of the costs resulting from patent claims. We are providing capital to develop and operate this business. We have limited prior experience in designing insurance products, operating an insurance business, attracting policyholders or establishing the pricing or terms of insurance policies and selling insurance policies in combination with membership subscriptions. We cannot assure you that

our patent insurance products will appeal to a sufficient number of our existing clients or attract enough new clients to build a sustainable insurance business. If we are unsuccessful in managing this business, we may not realize the anticipated benefits of our investments of capital and management attention, which could have an adverse effect on our financial performance and growth prospects and our business may be harmed.

***We recently acquired Inventus, and may acquire or invest in other companies or technologies, which could divert our management's attention, result in additional dilution to our stockholders, and otherwise disrupt our operations and harm our operating results. We may also be unable to realize the expected benefits and synergies of any acquisitions.***

We have in the past and may in the future seek to acquire or invest in businesses, products or technologies that we believe could complement or expand our services, enhance our technical capabilities or otherwise offer growth opportunities. We may not be able to integrate the acquired personnel, operations, and technologies successfully or effectively manage the combined business. The pursuit of potential acquisitions may divert the attention of management and cause us to incur various expenses in identifying, investigating and pursuing suitable acquisitions, whether or not they are consummated.

In addition, we may not achieve the anticipated benefits from the Inventus or another acquisition due to a number of factors, including:

- difficulties in integrating operations, technologies, services and personnel;
- the need to integrate the operations, systems (including accounting, management, information, human resources and other administrative systems), technologies, products, and personnel of each acquired company, which is an inherently risky and potentially lengthy and costly process;
- the need to implement or improve controls, procedures, and policies appropriate for a public company at companies that prior to our acquisition may have lacked such controls, procedures, and policies or whose controls, procedures, and policies did not meet applicable legal and other standards;
- our dependence on the accounting, financial reporting, operating metrics and similar systems, controls and processes of an acquired business, and the risk that errors or irregularities in those systems, controls, and processes will lead to errors in our consolidated financial statements or make it more difficult to manage the acquired business;
- the potential loss of key customers, vendors, and other business partners of the companies we acquire following the announcement of our transaction plans;
- the inefficiencies and lack of control that may result if such integration is delayed or not implemented, and unforeseen difficulties and expenditures that may arise as a result;
- derivative lawsuits resulting from the acquisition;
- risks associated with our expansion into new international markets;
- unanticipated costs or liabilities associated with the acquisition;
- incurrence of acquisition-related costs;
- diversion of management's attention from other business concerns;
- potential loss of key employees;
- additional legal, financial and accounting challenges and complexities in areas such as tax planning and cash management;
- use of resources that are needed in other parts of our business; and
- use of substantial portions of our available cash to consummate the acquisition.

Future acquisitions could also result in dilutive issuances of equity securities or the incurrence of debt, which could adversely affect our operating results. In addition, if an acquired business fails to meet our expectations, our operating results, business and financial condition may suffer.

***If we are unable either to identify patent assets that are being asserted or that could be asserted against existing and potential clients or to obtain such assets at prices that are economically supportable within our business model, we may not be able to attract or retain sufficient clients and our operating results would be harmed.***

Our ability to attract new clients and renew the subscription agreements of existing clients depends on our ability to identify and acquire patent assets that are being asserted or that could be asserted against our existing or potential clients. There is no guarantee that we will be able to adequately identify those types of patent assets on an ongoing basis and, even if identified, that we will be able to acquire rights to those patent assets on terms that are favorable to us, or at all. As new technological advances occur, some or all of the patent assets we have acquired may become less valuable or obsolete before we have had the opportunity to obtain significant value from those assets.



Our approach to acquiring patent assets generally involves acquiring ownership or a license at a fixed price. Other companies, such as NPEs, often offer contingent payments to sellers of patents that may provide the seller the opportunity to receive greater amounts in the future for the sale of its patents as compared to the fixed price we generally pay. As a result, we may not be able to compete effectively for the acquisition of certain patent assets.

If clients do not perceive that the patent assets we acquire are relevant to their businesses, we will have difficulty attracting new clients and retaining existing clients, and our operating results will be harmed. Similarly, if clients are not satisfied with the amount of capital we deploy to acquire patent assets, they may choose not to renew their subscriptions. These risks are greater if we elect to invest a significant amount of our capital in only a few acquisitions of patent assets.

***Our discovery services engagement agreements, including those related to our largest clients, can be terminated by our clients with little or no notice and without penalty, which may cause our operating results to be unpredictable.***

Our discovery services clients typically retain us on an engagement-by-engagement basis, rather than under fixed-term contracts; the volume of work performed for any particular client is likely to vary from month to month and year to year, and a major client in one fiscal period may not require or may decide not to use our services in any subsequent fiscal period. Almost all of our discovery services engagement agreements can be terminated by our clients with little or no notice and without penalty. For example, in engagements related to litigation, if the litigation were to be settled, our engagement for those services would no longer be necessary and, therefore, would be terminated. When discovery services engagements are terminated or reduced, we lose the associated future revenues, and we may not be able to recover associated costs or redeploy the affected employees in a timely manner to minimize the negative impact. In addition, our discovery services clients' ability to terminate engagements with little or no notice and without penalty makes it difficult to predict our operating results for the discovery services segment in any particular fiscal period.

***We have very limited flexibility to change the pricing of our services for existing clients and may not be able to respond effectively to changes in our market. This limited flexibility could have an adverse effect on our operating results.***

Under many of our existing subscription agreements, our annual subscription fee is based on published rate cards applicable to all of our clients that commence their membership while that rate card is in effect. Clients under such agreements are able to renew their memberships perpetually under the rate card in effect at the time that they became members with periodic adjustments by us only based on changes in the Consumer Price Index. This means that any increases to our rate card generally apply only to clients that join after such increase. Accordingly, we have limited ability to change the economics of our business model with respect to existing clients in response to changes in the market in which we operate. This limited flexibility could have an adverse effect on our operating results. For example, if we increase our operating expenses as a result of changes in our market, we would have very limited ability to increase the subscription fees we charge to our existing clients to offset the increased operating expenses, and our operating results could be adversely affected.

***Releases of new software products or upgrades to our existing software products or licensed third-party software may have undetected errors, or may not operate as intended or achieve our client's desired objectives, which could cause litigation claims against us, damage to our reputation, or loss of business.***

Certain of our discovery services utilize software developed by us or third parties for the needs of our clients. Complex software products, such as those we utilize, can contain undetected errors when first introduced or as new versions are released, or may fail to operate as intended or achieve the client's desired objectives. Any introduction of new software products or upgrade to existing software products has a risk of undetected errors. These undetected errors may be discovered only after a product has been installed and used either in our internal processing or by our clients. Likewise, the software products we acquire in business acquisitions have a risk of undetected errors. Any undetected errors, difficulties in installing and maintaining our software products or upgrade releases, or the failure to achieve the client's desired objectives, may result in a delay or loss of revenue, diversion of development resources, damage to our reputation, the loss of that client, loss of future business, increased service costs, potential litigation claims against us, or impaired market acceptance of our products.

***We may not be able to compete effectively against others in our patent risk management or legal discovery services businesses. Any failure to compete effectively could harm our business and results of operations.***

In our efforts to attract new clients and retain existing clients, we compete primarily against established patent risk management strategies employed by those companies. Companies can choose from a variety of other strategies to attempt to manage their patent risk, including internal buying or licensing programs, cross-licensing arrangements, patent-buying consortiums or other patent-buying pools and engaging legal counsel to defend against patent assertions. As a result, we spend considerable resources educating our existing and prospective clients on the potential benefits of our services and the value and cost savings they provide.

In addition to competing for new clients, we also compete to acquire patent assets. Our primary competitors in the market for patent assets are varied and include other entities that seek to accumulate patent assets, including NPEs such as Wi-LAN, Acacia Research, and PanOptis. Many of our current or potential competitors have longer operating histories and significantly greater financial resources than we have. In addition, many NPEs that compete with us to acquire patent assets have complicated corporate

structures that include a large number of subsidiaries, so it is difficult for us to know who the ultimate parent entity is and how much capital the related entities have available to acquire patent assets. We also face competition for patent assets from operating companies, including operating companies that are current or prospective clients. Many of these operating companies have significantly greater financial resources than we have and can acquire patent assets at prices that we may not be able to pay.

In addition, the discovery services market is highly fragmented, extremely competitive, and continually changing as technology and the legal and regulatory environments evolve around the world. Our competitors include larger businesses that offer a distinct discovery service offering such as DTI Global, KrollDiscovery, Consilio, and FTI Consulting. We also compete with smaller regional discovery services businesses as well as discovery services practices inside large and mid-sized law firms and professional services firms. Many of our competitors in this market have a greater national and international presence, as well as have a significantly greater number of personnel, financial, technical, and marketing resources. In addition, these competitors may generate greater revenues and have greater name recognition than we do.

We expect to face more direct competition in the future in both our patent risk management business and litigation discovery services business from other established and emerging companies. In addition, as a relatively new company in the patent risk management market and litigation discovery services market, we have limited insight into trends that may develop and affect our businesses. As a result, we may make errors in predicting and reacting to relevant business trends, making us unable to compete effectively against others.

Our current or potential competitors in both our patent risk management business and litigation discovery services businesses vary widely in size and in the scope and breadth of the products and services they offer. Many of our competitors have substantially greater financial resources and a larger client base and sales and marketing teams. The competition we face now and in the future could result in increased pricing pressure, reduced margins, increased sales and marketing expenses and a failure to increase, or the loss of, market share. We may not be able to maintain or improve our competitive position against our current or future competitors, and our failure to do so could seriously harm our business.

***Certain of our acquisitions of patent assets are time consuming, complex and costly, which could adversely affect our operating results.***

Certain of our acquisitions of patent assets are time consuming, complex and costly to consummate. We utilize many different transaction structures in our acquisitions and the terms of the acquisition agreements tend to be very heavily negotiated. As a result, we may incur significant operating expenses during the negotiations even when the acquisition is ultimately not consummated. Even if we successfully acquire particular patent assets, there is no guarantee that we will generate sufficient revenue related to those patent assets to offset the acquisition costs. While we conduct confirmatory due diligence on the patent assets we are considering for acquisition, we may acquire patent assets from a seller who does not have proper title to those assets. In those cases, we may be required to spend significant resources to defend our interests in the patent assets and, if we are not successful, our acquisition may be invalid, in which case we could lose part or all of our investment in the assets.

We occasionally identify patent assets that cost more than we are prepared to spend of our own capital resources or that may be relevant only to a very small number of clients. In these circumstances, we may structure and coordinate a transaction in which certain of our clients contribute funds that are in addition to their subscription fees in order to acquire those patent assets. These syndicated acquisitions are complex and can be large and highly visible. We may incur significant costs to organize and negotiate a syndicated acquisition that does not ultimately result in an acquisition of any patent assets. These higher costs could adversely affect our operating results. Our roles in structuring the acquisition and managing the acquisition entity, if one is used, may expose us to financial and reputational risks.

***New legislation, regulations or court rulings related to enforcing patents could reduce the value of our services to clients or potential clients and harm our business and operating results.***

If Congress, the U.S. Patent and Trademark Office or courts implement additional legislation, regulations or rulings that impact the patent enforcement process or the rights of patent holders, these changes could negatively affect the operating results and business model for NPEs. This, in turn, could reduce the value of our services to our current and potential clients. For example, limitations on the ability to bring patent enforcement claims or the venue for those claims, limitations on potential liability for patent infringement, lower evidentiary standards and new procedures for invalidating patents, increased difficulty for parties making patent assertions to obtain injunctions, reductions in the cost to resolve patent disputes and other similar developments could negatively affect an NPE's ability to assert its patent rights successfully, decrease the revenue associated with asserting or licensing an NPE's patent rights and increase the cost or risk of bringing patent enforcement actions. As a result, assertions and the threat of assertions by NPEs may decrease. If this occurs, companies may seek to resolve patent claims on an individual basis and be less willing to subscribe to our services or renew their memberships. Furthermore, even if companies are interested in subscribing to our services or maintaining their memberships, companies may be unwilling to pay the subscription fees that we propose. Any of these events could result in a material adverse effect on our business and operating results.

In addition, future laws and regulations, or judicial interpretations thereof, could adversely affect our discovery services clients and thus indirectly affect our business. For example, changes to the Federal Rules of Civil Procedure regarding discovery of "electronically stored information" could result in a decreased need for discovery services. Any of these events could result in a material adverse effect on our business and operating results.

***If we are not perceived as a trusted defensive patent aggregator, our ability to gain wide market acceptance will be harmed, and our operating results could be adversely affected.***

Our reputation, which depends on earning and maintaining the trust of existing and potential clients, is critical to our business. Our reputation is vulnerable to many threats that can be difficult or impossible to control and costly or impossible to remediate. For our business to be successful, we must continue to educate potential clients about our role as a trusted intermediary in the patent market. If our reputation is harmed, we may have more difficulty attracting new clients and retaining existing clients, and our operating results could be adversely affected.

***The unavailability of third-party technology could adversely impact our revenue and results of operations.***

We license certain discovery-related software from third parties and incorporate such software into our discovery services. Most of our third-party software license contracts expire within one year and may be renewed only by mutual consent. There is no assurance that we will be able to renew these contracts as they expire or that such renewals will be on the same or substantially similar terms or on conditions that are commercially reasonable to us. If we fail to renew these contracts as they expire, our discovery services offerings may be reduced. In addition, our third-party software licenses are non-exclusive, and therefore, our competitors may obtain the right to license certain of the technology covered by these agreements to compete directly with us. In certain situations, our third party software licensors are themselves also our competitors in the discovery services market.

If certain of our third-party licensors were to change product offerings, cease actively supporting the technologies, fail to update and enhance the technologies to keep pace with changing industry standards, encounter technical difficulties in the continuing development of these technologies, significantly increase prices, terminate our licenses, suffer significant capacity or supply chain constraints or suffer significant disruptions, we would need to seek alternative suppliers and incur additional internal or external development costs to ensure continued performance of our discovery services. Such alternatives may not be available on attractive terms, or may not be as widely accepted or as effective as the current licenses provided by our existing suppliers. If the cost of licensing or maintaining the third party intellectual property significantly increases, our operating earnings could significantly decrease. In addition, interruption in functionality of our services and products as a result of changes in or with third party licensors could adversely affect our commitments to clients, future sales, and negatively affect our revenue and operating earnings.

***Interruptions or delays in service at the data centers we utilize for discovery services could impair the delivery of our service and harm our business.***

We provide services through computer hardware that is located in co-location data centers operated by unrelated third parties. Although we do own that computer hardware, we do not control the operation of these colocation facilities, which increases our vulnerability to problems with the services they provide. The data centers are subject to damage or interruption from earthquakes, floods, fires, power loss, terrorist attacks, telecommunications failures and similar events. These facilities are also subject to break-ins, sabotage, intentional acts of vandalism and similar misconduct. The occurrence of any of these events or other unanticipated problems at a facility could result in interruptions in certain of our services, although we have established backup recovery data centers to try to minimize this risk. In addition, the failure by our vendor to provide our required data communications capacity could result in poor service or interruptions in our service. Any damage to, or failure of, our systems or services could reduce our revenue, cause us to issue credits or pay penalties, cause clients to terminate their agreements with us and adversely affect our ability to secure business in the future. Our business will be harmed if our clients and potential clients believe our services are unreliable.

***Our business model requires estimates and judgments by our management. Our estimates and judgments are subject to changes that could adversely affect our operating results.***

Our patent risk management business model is relatively new and therefore our accounting and tax treatment has limited precedent. The determination of patent asset amortization expense for financial and income tax reporting requires estimates and judgments on the part of management. Some of our patent asset acquisitions are complex, requiring additional estimates and judgments on the part of our management. From time to time, we evaluate our estimates and judgments; however, such estimates and judgments are, by their nature, subject to risks, uncertainties and assumptions, and factors may arise that lead us to change our estimates or judgments. If this or any other changes occur, our operating results may be adversely affected. Furthermore, if the accounting or tax treatment is challenged, we may be required to spend considerable time and expense defending our position and we may be unable to successfully defend our accounting or tax treatment, any of which could adversely affect our business and operating results.

***If we are unable to enhance our current services or to develop or acquire new services to provide additional value to our clients and potential clients, we may not be able to maintain our growth, and our business may be harmed.***

In order to attract new clients and retain existing clients, we need to enhance and improve our existing service offering and introduce new services that meet the needs of our clients. We have in the past, and may in the future, seek to acquire or invest in businesses, products or technologies that we believe could complement or expand our services, enhance our technical capabilities or otherwise offer growth opportunities. For example, in June 2014 we acquired DCML Services Corporation, a provider of data, intelligence and consulting on NPEs.

The development and implementation of new services, particularly our legal discovery services, will continue to require substantial time and resources, as well as require us to operate businesses that would be new to our organization. These or any other new services may not be introduced in a timely manner or at all. If we do introduce these or any other services, we may be unable to implement such services in a cost-effective manner, achieve wide market acceptance, meet client expectations or generate revenue sufficient to recoup the cost of developing such services. Any new services we introduce may expose us to additional laws, regulations and risks. If we are unable to develop these or other services successfully and enhance our existing services to meet client requirements or expectations, we may not be able to attract or retain clients, and our business may be harmed.

***Following the launch of insurance products for patent infringement claims, we now face the risks associated with operating an insurance business. If we fail to manage these risks, our results of operations and financial condition may be adversely affected.***

In August 2012, we began to offer insurance products for patent claims, and therefore face new risks associated with the operation of an insurance business. We have no prior experience in operating an insurance business, which includes assuming underwriting and reinsurance risk and setting premiums. There are many estimates and forecasts involved in predicting underwriting and reinsurance risk and setting premiums, many of which are subject to substantial uncertainty and which could cause our expenses and earnings to vary significantly from quarter to quarter. If we do not estimate our underwriting and reinsurance risks and set our premiums successfully, we may incur larger losses on our policies than we expect, which could have an adverse effect on our results of operations and financial condition. Under accounting principles generally accepted in the United States of America, while premiums earned from our insurance policies are recognized ratably, losses are recognized as incurred. This will increase the variability of our operating results until such time as our insurance business operates at scale. Furthermore, the insurance market is highly regulated, so operation of an insurance business will expose us to additional laws and regulations. Compliance with such laws and regulations may be costly, which could affect our results of operations.

***We may become involved in patent or other litigation proceedings related to our clients. Our involvement could cause us to expend significant resources. It could also require us to disclose information related to our clients, which could cause such clients not to renew their subscriptions with us.***

The patent market is heavily impacted by litigation. As a result, we may be required, by subpoena or otherwise, to participate in patent or other litigation proceedings related to our clients. Our participation in any such proceedings could require us to expend significant resources and could also be perceived as adverse to the interests of our clients or potential clients if we are required to disclose any information about our clients that we have gathered in the course of their memberships. These additional expenditures and potential disclosures could make it more difficult for us to attract new clients and retain existing clients, and our results of operations could be harmed. We may incur significant costs in defending claims made against us and the result may not be favorable. An unfavorable outcome of any claim could result in proliferation of similar claims against us. The expense and disclosure associated with our involvement in litigation could have an adverse effect on our business, prospects, financial condition, operating results and cash flows.

***Interpretations of current laws and the passage of future laws could harm our business and operating results.***

Because of our presence in an emerging industry, the application to us of existing United States and foreign laws is unclear. Many laws do not contemplate or address the specific issues associated with our patent risk management services or other products and services we may provide in the future. It is possible that courts or other governmental authorities will interpret existing laws regulating risk management and insurance, competition and antitrust practices, taxation, the practice of law and patent usage and transfers in a manner that is inconsistent with our business practices. Our business, prospects, financial condition and results of operations may be harmed if our operations are found to be in violation of any existing laws or any other governmental regulations that may apply to us. Additionally, existing laws and regulations may restrict our ability to deliver services to our clients, limit our ability to grow and cause us to incur significant expenses in order to comply with such laws and regulations. Even if our business practices are ultimately not affected, we may incur significant cost to defend our actions, incur negative publicity and suffer substantial diversion of management time and effort. This could have a material adverse effect on our business, prospects, financial condition and results of operations.

Additionally, we face risks from laws that could be passed or changed in the future, including in the United Kingdom as a result of Brexit or in the United States as a result of the recent Presidential election. Since a significant portion of the regulatory framework in the United Kingdom is derived from EU directives and regulations, Brexit could materially affect the regulatory regime in the

United Kingdom. Changes in laws and regulations regarding data protection, privacy, network security, or encryption may affect our discovery services. It is impossible to determine the extent of the impact of any new laws, regulations or initiatives that may be proposed, or whether any of the proposals will become law. Compliance with any new or existing laws or regulations could be difficult and expensive, affect the manner in which we conduct our business and negatively impact our business, prospects, financial condition and results of operations.

***We receive a significant amount of our revenues from a limited number of clients, and if we are not able to obtain membership renewals or continued engagements from these clients, our revenue may decrease substantially.***

We receive a significant amount of our revenue from a limited number of clients. For example, during the year ended December 31, 2016, our 10 highest revenue-generating clients accounted for approximately 29% of our total revenue. We expect that a significant portion of our revenue will continue to come from a relatively small number of clients for the foreseeable future. If any of these clients chooses not to remain a client, or if our fees from one of these clients decline, our revenue may correspondingly decrease and our operating results may be adversely affected.

***Any failure to maintain or protect our patent assets or other intellectual property rights could impair our ability to attract or retain clients and maintain our brand and could harm our business and operating results.***

Our business is dependent on our ability to acquire patent assets that are valuable to our existing and potential clients. Following the acquisition of patent assets, we expend significant time and resources to maintain the effectiveness of those assets by paying maintenance fees and making filings with the United States Patent and Trademark Office. In some cases, the patent assets we acquire include patent applications which require us to invest resources to prosecute the applications with the United States Patent and Trademark Office. If we fail to maintain or prosecute our patent assets properly, the value of those assets to our clients would be reduced or eliminated, and our business would be harmed.

***If we fail to develop widespread brand awareness cost-effectively, we may not attract new clients and our business and operating results may suffer.***

We believe that developing and maintaining widespread awareness of our brand in a cost-effective manner is critical to achieving widespread acceptance of our services and is an important element in attracting new clients. Furthermore, we believe that the importance of brand recognition will increase as competition in our market develops. Brand promotion activities may not generate client awareness or yield increased revenue, and even if they do, any increased revenue may not offset the expenses we incurred in building our brand. If we fail to promote and maintain our brand successfully, or if we incur substantial expenses in an unsuccessful attempt to promote and maintain our brand, we may fail to attract or retain clients to the extent necessary to realize a sufficient return on our brand-building efforts.

***If we fail to maintain proper and effective internal controls, our ability to produce accurate financial statements could be impaired, which could adversely affect our operating results, our ability to operate our business and investors' views of us.***

Ensuring that we have internal financial and accounting controls and procedures adequate to produce accurate financial statements on a timely basis is a costly and time-consuming effort that needs to be re-evaluated frequently. We have in the past discovered, and may in the future discover, areas of our internal financial and accounting controls and procedures that need improvement. The Sarbanes-Oxley Act of 2002 requires, among other things, that we maintain effective internal control over financial reporting and disclosure controls and procedures. In particular, we must perform system and process evaluation and testing of our internal control over financial reporting to allow management and our independent registered public accounting firm to report on the effectiveness of our internal control over financial reporting, as required by Section 404 of the Sarbanes-Oxley Act of 2002. Our compliance with Section 404 requires that we incur substantial accounting expense and expend significant management time on compliance-related issues. While neither we nor our independent registered public accounting firm have identified deficiencies in our internal control over financial reporting that are deemed to be material weaknesses, there can be no assurance that material weaknesses will not subsequently be identified. If we are unable to effectively remediate control deficiencies which are identified or are otherwise unable to maintain adequate internal controls over our financial reporting in the future, we may not be able to prepare reliable financial statements and comply with our reporting obligations on a timely basis, which could materially adversely affect our business and subject us to legal and regulatory action.

***Global economic conditions may adversely affect demand for our services or fees payable under our subscription agreements, which could adversely affect our financial condition and operating results.***

Our operations and performance depend significantly on worldwide economic conditions, and the United States and world economies have recently and may continue to experience weak economic conditions. In particular, the economics of countries in Europe have been experiencing weakness associated with high sovereign debt levels, weakness in the banking sector, and uncertainty over the future of the Euro zone, including instability surrounding Brexit. Uncertainty about global economic conditions poses a risk as businesses may postpone spending in response to tighter credit, negative financial news and declines in income or asset values. This response could have a material negative effect on the demand for our services. Furthermore, if our clients experience reduced

operating income or revenues as a result of economic conditions or otherwise, it would reduce their subscription fees because those fees are generally reset annually based on the clients' operating income or revenue. If the subscription fees payable under our subscription agreements are reduced substantially, it would have an adverse effect on our business and results of operations.

***The requirements of being a public company may strain our resources, divert management's attention and affect our ability to attract and retain qualified board members.***

As a public company, we are subject to the reporting requirements of the Exchange Act, the Sarbanes-Oxley Act, the Dodd-Frank Act, the listing requirements of the NASDAQ Stock Market and other applicable securities rules and regulations. Compliance with these rules and regulations has increased, and will likely continue to increase, our legal and financial compliance costs, make some activities more difficult, time-consuming or costly, and place significant strain on our personnel, systems and resources. In addition, changing laws, regulations and standards relating to corporate governance and public disclosure are creating uncertainty for public companies, increasing legal and financial compliance costs and making some activities more time consuming. These laws, regulations and standards are subject to varying interpretations, in many cases due to their lack of specificity, and, as a result, their application in practice may evolve over time. This could result in continuing uncertainty regarding compliance matters, higher administrative expenses and a diversion of management's time and attention. Further, if our compliance efforts differ from the activities intended by regulatory or governing bodies due to ambiguities related to practice, regulatory authorities may initiate legal proceedings against us and our business may be harmed. Being a public company that is subject to these rules and regulations also makes it more expensive for us to obtain and retain director and officer liability insurance, and we may in the future be required to accept reduced coverage or incur substantially higher costs to obtain or retain adequate coverage. These factors could also make it more difficult for us to attract and retain qualified members of our Board of Directors and qualified executive officers.

***We might require additional capital to support our business growth and future patent asset acquisitions, and this capital might not be available on acceptable terms, or at all. If we are unable to obtain adequate financing or financing on terms satisfactory to us when we require it, our ability to continue to support our business growth and to respond to business challenges could be significantly limited.***

We intend to continue to make investments to support our business growth and may require additional funds to respond to business challenges, including the need to acquire patent assets, develop new services or enhance our existing service offering, enhance our operating infrastructure and acquire complementary businesses and technologies. Accordingly, we may need to engage in equity or debt financings or enter into credit agreements to secure additional funds. If we raise additional funds through further issuances of equity or convertible debt securities, our existing stockholders could suffer significant dilution, and any new equity securities we issue could have rights, preferences and privileges superior to those of holders of our common stock. Any debt financing secured by us in the future could involve restrictive covenants relating to our capital-raising activities and other financial and operational matters, which may make it more difficult for us to obtain additional capital and to pursue business opportunities, including potential acquisitions. In addition, we may not be able to obtain additional financing on terms favorable to us, or at all. If we are unable to obtain adequate financing or financing on terms satisfactory to us when we require it, our ability to continue to support our business growth and to respond to business challenges could be significantly limited, which could have an adverse effect on our business and financial condition.

***We have taken on significant debt, which will decrease our business flexibility and increase our interest expense.***

On February 26, 2016, we entered into the Credit Agreement (defined below) which provided for the Term Facility and the Revolving Credit Facility. As of December 31, 2016, the total balance outstanding on the Term Facility is \$96.3 million, and the Revolving Credit Facility remains undrawn.

This debt, together with certain covenants imposed on us in connection with incurring this debt, among other things, limits how we conduct our business, reduces our flexibility to respond to changing business and economic conditions and increases our interest expense. Our ability to pay interest and repay the principal for our indebtedness is dependent upon our ability to manage our business operations, generate sufficient cash flows to service such debt and the other factors discussed in this section. There can be no assurance that we will be able to manage any of these risks successfully. We may also need to refinance a portion of our outstanding debt as it matures. There is a risk that we may not be able to refinance existing debt or that the terms of any refinancing may not be as favorable as the terms of our existing debt. Furthermore, if prevailing interest rates or other factors at the time of refinancing result in higher interest rates upon refinancing, then the interest expense relating to that refinanced indebtedness would increase. In addition, the covenants in our debt limit our ability to, among other things, obtain additional financing, make acquisitions or other investments, repurchase our stock or pay dividends, or dispose of patent assets. These limitations could adversely affect our financial condition and results of operations.

***Our results of operations could vary as a result of the methods, estimates and judgments we use in applying our accounting policies.***

The methods, estimates and judgments we use in applying our accounting policies have a significant impact on our results of operations, including the reported amounts of assets, liabilities, revenue and expenses and related disclosure of contingent assets and

liabilities. On an ongoing basis, we evaluate our estimates, including those related to revenue recognition, patent assets, other investments, income taxes, litigation and other intangibles, and other contingencies. Such methods, estimates and judgments are, by their nature, subject to substantial risks, uncertainties and assumptions, and factors may arise over time that lead us to change our methods, estimates and judgments. In addition, actual results may differ from these estimates under different assumptions or conditions. Changes in those methods, estimates and judgments could significantly affect our results of operations.

***We may not be able to continue offering an “A” rated insurance product.***

In May 2014, we began offering an “A” rated insurance product. If we are unable to maintain our relationship with one or more “A” rated insurance companies, we may be unable to continue offering an “A” rated insurance product, which could have an adverse effect on new insurance business growth and retention of our existing insurance business.

***Reinsurance coverage may not be available to us in the future at commercially reasonable rates or at all.***

As of January 1, 2015, we had secured quota share reinsurance from third party reinsurers for 42% of the risk underwritten through our risk retention group and 40% of the risk underwritten for our insurance company business partner. The availability and cost of reinsurance that we purchase are subject to prevailing market conditions that are beyond our control. No assurances can be made that reinsurance will remain continuously available to us in amounts that we consider sufficient and at rates that we consider acceptable, which would cause us to increase the amount of risk we retain, reduce the amount of business we underwrite or look for alternatives to reinsurance. This, in turn, could have a material adverse effect on our financial condition or results of operations.

***Our operations are subject to risks of natural disasters, acts of war, terrorism or widespread illness at our domestic and international locations, any one of which could result in a business stoppage and negatively affect our operating results.***

Our business operations depend on our ability to maintain and protect our facility, computer systems and personnel, which are primarily located in the San Francisco Bay Area. The San Francisco Bay Area is in close proximity to known earthquake fault zones. Our facility and transportation for our employees are susceptible to damage from earthquakes and other natural disasters such as fires, floods and similar events. Should earthquakes or other catastrophes such as fires, floods, power outages, communication failures or similar events disable our facilities, we do not have readily available alternative facilities from which we could conduct our business, which stoppage could have a negative effect on our operating results. Acts of terrorism, widespread illness and war could also have a negative effect at our international and domestic facilities and on our operating results.

**Risks Related to Ownership of Our Common Stock**

***The trading price of our common stock has been volatile and is likely to be volatile in the future, and you might not be able to sell your shares at or above the price at which you purchased them.***

Since our initial public offering in May 2011, our stock price has traded as high as \$31.41 per share and as low as \$8.55 per share. Further, our common stock has a limited trading history and an active trading market for our common stock may not be sustained in the future. The market price of our common stock could be subject to wide fluctuations in response to various factors, some of which are beyond our control. These factors include those discussed in this “Risk Factors” section of this Annual Report on Form 10-K and others such as:

- variations in our financial condition and operating results;
- the financial projections we may provide to the public, any changes in these projections or our failure to meet these projections;
- changes in the estimates of our operating results or changes in recommendations by any securities analysts that elect to follow our common stock;
- addition or loss of significant clients;
- adoption or modification of laws, regulations, policies, procedures or programs applicable to our business, including those related to the enforcement of patent claims;
- announcements of technological innovations, new products and services, acquisitions, strategic alliances or significant agreements by us or by our competitors;
- recruitment or departure of members of our Board of Directors, management team or other key personnel;
- market conditions in our industry;
- the impact of macroeconomic, market, and political factors and trends, including in light of Brexit, the outcome of the United States Presidential election, and other recent political developments;
- price and volume fluctuations in the overall stock market or resulting from inconsistent trading volume levels of our shares;
- lawsuits threatened or filed against us;
- any change in our stock repurchase program;
- sales of our common stock by us or our stockholders;

- outstanding debt service obligations and repayment thereof; and
- the opening or closing of our employee trading window.

In recent years, the stock market has experienced extreme price and volume fluctuations that have often been unrelated or disproportionate to the changes in the operating performance of the companies whose stock is experiencing those price and volume fluctuations. Broad market and industry factors may seriously affect the market price of our common stock, regardless of our actual operating performance.

***Substantial future sales of shares by existing stockholders, or the perception that such sales may occur, could cause our stock price to decline, even if our business is doing well.***

If our existing stockholders, particularly our directors and executive officers, sell substantial amounts of our common stock in the public market, or are perceived by the public market as intending to sell substantial amounts of our common stock, the trading price of our common stock could decline.

In addition, shares that are subject to outstanding options or that may be granted in the future under our equity plans will be eligible for sale in the public market to the extent permitted by the provisions of various vesting agreements and Rules 144 and 701 under the Securities Act.

If any of these additional shares described are sold, or if it is perceived that they will be sold, in the public market, the trading price of our common stock could decline.

***As a public company, our stock price has been volatile, and securities class action litigation has often been instituted against companies following periods of volatility of their stock price. Any such litigation, if instituted against us, could result in substantial costs and a diversion of our management's attention and resources.***

In the past, following periods of volatility in the overall market and the market price of particular companies' securities, securities class action litigation has been instituted against these companies. Our stock has been volatile and may continue to be volatile. If instituted against us, securities litigation could result in substantial costs and a diversion of our management's attention and resources, which could adversely affect our operating results, financial condition and stock price.

***Anti-takeover provisions in our charter documents and Delaware law could discourage, delay or prevent a change in control of our company and may affect the trading price of our common stock.***

We are a Delaware corporation and the anti-takeover provisions of the Delaware General Corporation Law may discourage, delay or prevent a change in control by prohibiting us from engaging in a business combination with an interested stockholder for a period of three years after the person becomes an interested stockholder, even if a change in control would be beneficial to our existing stockholders. In addition, our amended and restated certificate of incorporation and amended and restated bylaws may discourage, delay or prevent a change in our management or control over us that stockholders may consider favorable. Our amended and restated certificate of incorporation and amended and restated bylaws:

- authorize the issuance of "blank check" preferred stock that could be issued by our Board of Directors to thwart a takeover attempt;
- establish a classified Board of Directors, as a result of which the successors to the directors whose terms have expired will be elected to serve from the time of election and qualification until the third annual meeting following their election;
- require that directors only be removed from office for cause and only upon a majority stockholder vote;
- provide that vacancies on our Board of Directors, including newly created directorships, may be filled only by a majority vote of directors then in office;
- limit who may call special meetings of stockholders;
- prohibit stockholder action by written consent, requiring all actions to be taken at a meeting of the stockholders;
- do not provide stockholders with the ability to cumulate their votes;
- require supermajority stockholder voting to effect certain amendments to our amended and restated certificate of incorporation and amended and restated bylaws; and
- require advance notification of stockholder nominations and proposals.

***Our stock repurchase program could affect the price of our common stock and increase volatility and may be suspended or terminated at any time, which may result in a decrease in the trading price of our common stock.***

In February 2015, our Board of Directors approved a share repurchase program of up to \$75 million. In March 2016 and May 2016, our Board of Directors further increased the amount authorized to repurchase by \$25 million and \$50 million, respectively, to an aggregate authorized amount of \$150 million. The timing and actual number of shares repurchased will depend on a variety of factors



including price, corporate and regulatory requirements, an assessment by management and our Board of Directors of cash availability and other market conditions. The program may be suspended or discontinued at any time without prior notice. Repurchases pursuant to our stock repurchase program could affect the price of our common stock and increase its volatility. The existence of our stock repurchase program could also cause the price of our common stock to be higher than it would be in the absence of such a program and could potentially reduce the market liquidity for our common stock. There can be no assurance that any stock repurchases will enhance stockholder value because the market price of our common stock may decline below the levels at which we repurchased such shares. Any failure to repurchase shares after we have announced our intention to do so may negatively impact our reputation and investor confidence in us and may negatively impact our stock price. Although our stock repurchase program is intended to enhance long-term stockholder value, short-term stock price fluctuations could reduce the program's effectiveness.

*We do not currently intend to pay dividends on our common stock in the foreseeable future, and consequently, your ability to achieve a return on your investment will depend on appreciation in the price of our common stock.*

We have never declared or paid cash dividends on our common stock and do not anticipate paying any cash dividends to holders of our common stock in the foreseeable future. Consequently, investors must rely on sales of their common stock after price appreciation, which may never occur, as the only way to realize any future gains on their investments. There is no guarantee that shares of our common stock will appreciate in value or even maintain the price at which our stockholders have purchased their shares.

#### **Item 1B. Unresolved Staff Comments.**

None

#### **Item 2. Properties.**

Our properties consist of leased office facilities for sales, support, administrative, and other functions. We currently lease approximately 67,000 square feet of office space for our corporate headquarters in one location in San Francisco, California pursuant to a lease agreement that expires in October 2019. We also lease other facilities for current use consisting of approximately 60,000 square feet in the United States and abroad. Less than 20% of our total leased space is sublet. We believe that our current facilities are suitable and adequate to meet our current needs. We believe that suitable additional or substitute space will be available as needed to accommodate any potential expansion of our operations.

#### **Item 3. Legal Proceedings.**

From time to time, we may be a party to various litigation claims in the normal course of business. Legal fees and other costs associated with such actions are expensed as incurred. We assess, in conjunction with its legal counsel, the need to record a liability for litigation or contingencies. A liability is recorded when and if it is determined that such a liability for litigation or contingencies is both probable and reasonably estimable. No liability for litigation or contingencies was recorded as of December 31, 2016.

In April 2016, Sourceprose Corporation filed a complaint in the U.S. District Court for the Western District of Texas against us alleging breach of an agreement with the plaintiff to purchase certain patent assets and breach of a non-disclosure agreement with plaintiff. In July 2016, the Court transferred the litigation to the U.S. District Court for the Northern District of California. On November 2, 2016, we moved to dismiss the claims of breach of an assignment of patents. On January 26, 2017, the U.S. District Court for the Northern District of California dismissed the claims of breach of a patent assignment without prejudice, and allowed the plaintiff to file an amended complaint. The plaintiff filed an amended complaint on February 9, 2017, alleging breach of a non-disclosure agreement, breach of an agreement to assign patents and a breach of a settlement agreement. The plaintiff seeks monetary damages and specific enforcement of the alleged purchase agreement. We are not currently able to determine whether there is a reasonable possibility that a loss has been incurred, nor can we estimate the potential loss or range of the potential loss that may result from this litigation.

In June 2013, Kevin O'Halloran, as Trustee of the Liquidating Trust of Teltronics, Inc. (the "Debtor"), filed a complaint in the U.S. Bankruptcy Court for the Middle District of Florida against us and Harris Corporation (the "Defendants"). The complaint alleges that the Defendants are liable under federal and state bankruptcy law regarding fraudulent transfers for the value of a patent portfolio purchased by us from Harris Corporation pursuant to an agreement entered into in January 2009, and within four years of the date the Debtor filed its petition in bankruptcy. In February 2015, the Court held a trial and in November 2015 entered judgment in favor of the Defendants. In December 2015, the Debtor filed an appeal of the judgment to the U.S. District Court for the Middle District of Florida. In August 2016, the District Court affirmed the judgment in favor of the Defendants. In September 2016, the Debtor filed an appeal of the judgment to the U.S. Court of Appeals for the Eleventh Circuit. The appellate briefing was completed in January 2017, and the parties are currently awaiting scheduling of oral argument. We are not currently able to determine whether there is a reasonable possibility that a loss has been incurred, nor can we estimate the potential loss or range of the potential loss that may result from this litigation.

In March 2012, Cascades Computer Innovations LLC filed a complaint in U.S. District Court for the Northern District of California (the “Court”) against us and five of our clients (collectively the “Defendants”). The complaint alleges that the Defendants violated federal antitrust law, California antitrust law and California unfair competition law. The complaint further alleges that after we terminated our negotiations with the plaintiff to license certain patents held by the plaintiff, the Defendants violated the law by jointly refusing to negotiate or accept licenses under the plaintiff’s patents. The plaintiff seeks unspecified monetary damages and injunctive relief. In January 2013, the Court dismissed the complaint against the Defendants and granted the plaintiff leave to amend its complaint. In February 2013, the plaintiff filed an amended lawsuit alleging that the Defendants violated federal antitrust law, California antitrust law and California unfair competition law. In April 2016, the Court entered a final judgment in favor of the Defendants on all the plaintiff’s claims. In April 2016, the plaintiff filed an appeal of the judgment before the Ninth Circuit Court of Appeals. The appellate briefing was completed in November 2016, and the parties are currently awaiting the scheduling of oral argument. We are not currently able to determine whether there is a reasonable possibility that a loss has been incurred, nor can we estimate the potential loss or range of the potential loss that may result from this litigation.

**Item 4. Mine Safety Disclosures.**

Not applicable.

**PART II.****Item 5. Market for Registrant’s Common Equity, Related Stockholder Matters and Issuer Purchases of Equity Securities.****Price Range of Common Stock**

Our common stock is currently traded on the NASDAQ Global Select Market under the symbol “RPXC” and has been traded on NASDAQ since our initial public offering on May 4, 2011. The following table sets forth, for the periods indicated, the high and low closing prices of our common stock as reported on the NASDAQ Global Select Market.

	<b>High</b>		<b>Low</b>	
For the year ended December 31, 2015:				
First Quarter	\$	15.01	\$	12.31
Second Quarter	\$	17.20	\$	14.14
Third Quarter	\$	17.02	\$	13.24
Fourth Quarter	\$	15.26	\$	10.51
For the year ended December 31, 2016:				
First Quarter	\$	11.66	\$	9.41
Second Quarter	\$	11.48	\$	8.71
Third Quarter	\$	11.31	\$	9.10
Fourth Quarter	\$	11.35	\$	9.28

**Holders**

At February 17, 2017, there were 17 stockholders of record of our common stock. Because many of our shares of common stock are held by brokers or other institutions on behalf of stockholders, we are unable to estimate the total number of stockholders represented by the record holders.

**Dividend Policy**

We have never declared or paid any cash dividends on our capital stock, and we do not currently intend to pay any cash dividends on our common stock for the foreseeable future. We expect to retain future earnings, if any, to fund the development and growth of our business. Any future determination to pay dividends on our common stock will be at the discretion of our Board of Directors and will depend upon, among other factors, our financial condition, operating results, current and anticipated cash needs, plans for expansion and other factors that our Board of Directors may deem relevant. In addition, our credit agreement limits our ability to pay dividends.

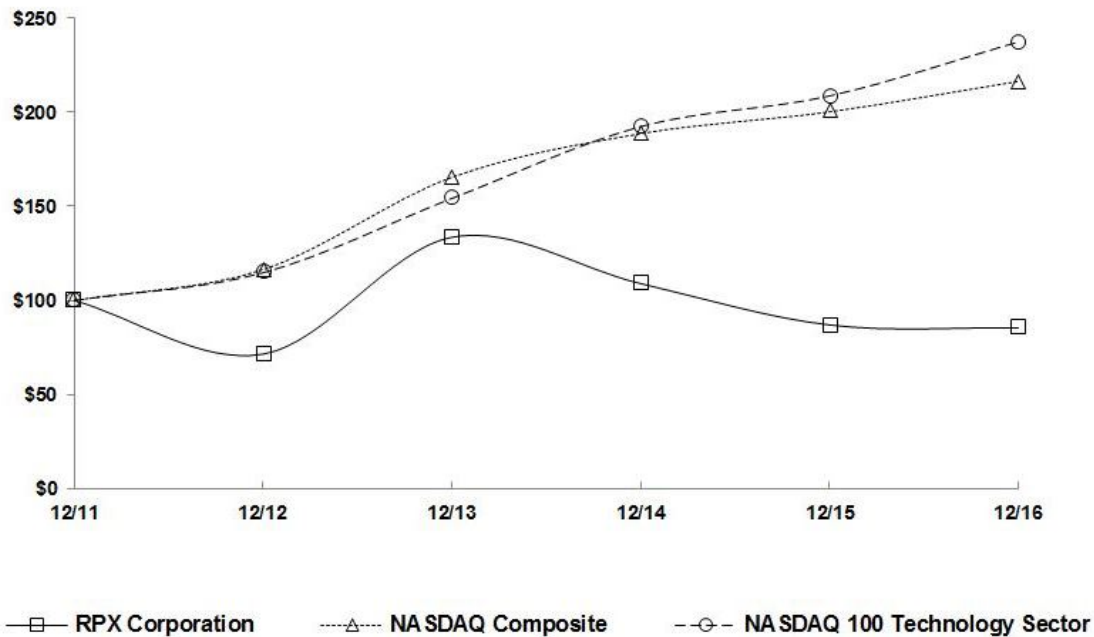
### Stock Performance Graph

*This performance graph shall not be deemed "soliciting material" or to be "filed" with the Securities and Exchange Commission for purposes of Section 18 of the Securities Exchange Act of 1934, as amended, or the Exchange Act, or otherwise subject to the liabilities under that Section, and shall not be deemed to be incorporated by reference into any filing of RPX Corporation under the Securities Act of 1933, as amended, or the Securities Act.*

The following graph shows the value of an investment of \$100 in our common stock, the NASDAQ Composite Index, and the NASDAQ-100 Technology Sector Index for each of the last five years. Data for the NASDAQ Composite Index and the NASDAQ-100 Technology Sector Index assume reinvestment of dividends. The comparisons shown in the graph are based upon historical data and we caution that the stock price performance shown in the graph is neither indicative of, nor intended to forecast, the potential future performance of our stock.

#### COMPARISON OF 5 YEAR CUMULATIVE TOTAL RETURN\*

Among RPX Corporation, the NASDAQ Composite Index  
and the NASDAQ 100 Technology Sector Index



\*\$100 invested on 12/31/11 in stock or index, including reinvestment of dividends.  
Fiscal year ending December 31.

### Sales of Unregistered Securities

None.

**Purchases of Equity Securities by the Issuer and Affiliated Purchasers**

Stock repurchase activity during the three months ended December 31, 2016 was as follows:

<b>Period Ended</b>	<b>Total Number of Shares Purchased</b>	<b>Average Price Paid per Share</b>	<b>Total Number of Shares Purchased as Part of Publicly Announced Programs</b>	<b>Maximum Dollar Value that May Yet be Purchased Under the Programs <sup>(1)</sup></b>
October 31, 2016	369,613	\$ 10.34	369,613	\$ 69,250,486
November 30, 2016	353,288	10.14	353,288	65,669,767
December 31, 2016	179,141	10.86	179,141	63,723,972
	<u>902,042</u>		<u>902,042</u>	

<sup>(1)</sup> On February 10, 2015, we announced that our Board of Directors had authorized a share repurchase program under which we are authorized to repurchase up to \$75.0 million of our outstanding common stock with no expiration date from the date of authorization. In March 2016 and May 2016, we increased our share repurchase program by \$25 million and \$50 million, respectively, for a total amount authorized of \$150 million. As of December 31, 2016, we had repurchased \$86.3 million of our outstanding common stock under the program. Under the program, shares may be repurchased in privately negotiated and/or open market transactions, including under plans complying with Rule 10b5-1 under the Exchange Act. Our share repurchase program does not obligate us to acquire any specific number of shares.

**Item 6. Selected Consolidated Financial Data.**

The selected consolidated financial data for the years ended December 31, 2016, 2015 and 2014, as well as the consolidated balance sheet data as of December 31, 2016 and 2015, are derived from our audited consolidated financial statements that are included elsewhere in this Annual Report on Form 10-K. The selected consolidated financial data for years ended December 31, 2013 and 2012 as well as the consolidated balance sheet data as of December 31, 2014, 2013 and 2012 are derived from audited consolidated financial statements not included in this Annual Report on Form 10-K. The historical results presented below are not necessarily indicative of results of future operations, and should be read in conjunction with Item 7 "Management's Discussion and Analysis of Financial Condition and Results of Operations" and the consolidated financial statements and related notes thereto included in Part II, Item 8 "Consolidated Financial Statements and Supplementary Data" of this Form 10-K to fully understand factors that may affect the comparability of the information presented below.

	Year Ended December 31,				
	2016 <sup>(1)</sup>	2015	2014	2013	2012
	(in thousands, except per share data)				
Revenue	\$ 333,107	\$ 291,881	\$ 259,335	\$ 237,504	\$ 197,688
Cost of revenue	197,262	148,858	124,435	110,771	82,323
Selling, general and administrative expenses	100,457	77,428	71,679	62,525	53,590
(Gain) loss on sale of patent assets, net	—	(592)	(707)	126	(177)
Operating income	35,388	66,187	63,928	64,082	61,952
Interest and other income (expense), net	(3,079)	(688)	354	213	117
Income before provision for income taxes	32,309	65,499	64,282	64,295	62,069
Provision for income taxes	14,074	26,077	24,941	23,512	23,112
Net income	\$ 18,235	\$ 39,422	\$ 39,341	\$ 40,783	\$ 38,957
Net income available to common stockholders:					
Basic	\$ 18,235	\$ 39,422	\$ 39,341	\$ 40,763	\$ 38,455
Diluted	\$ 18,235	\$ 39,422	\$ 39,341	\$ 40,763	\$ 38,474
Net income available to common stockholders per common share:					
Basic	\$ 0.36	\$ 0.72	\$ 0.74	\$ 0.78	\$ 0.77
Diluted	\$ 0.36	\$ 0.71	\$ 0.72	\$ 0.76	\$ 0.74
Weighted-average shares used in computing net income available to common stockholders per common share:					
Basic	50,462	54,432	53,444	51,956	49,766
Diluted	51,001	55,410	54,818	53,652	51,802

	As of December 31,				
	2016 <sup>(1)</sup>	2015	2014	2013	2012
	(in thousands)				
Cash, cash equivalents, and short-term investments	\$ 190,988	\$ 325,998	\$ 317,533	\$ 290,722	\$ 199,730
Patent assets, net	212,999	254,560	236,349	219,954	199,314
Total assets	735,289	658,561	642,064	588,801	493,967
Deferred revenue, including current portion	130,408	115,652	136,209	137,743	104,371
Notes payable and other deferred payment obligations, including current portion	—	2,383	—	500	500
Long-term debt, including current portion	94,584	—	—	—	—
Total liabilities	261,008	142,082	157,019	163,878	133,708
Total stockholders' equity	474,281	516,479	485,045	424,923	360,259

<sup>(1)</sup>In January 2016, we acquired Inventus Solutions, Inc., which is included in our selected consolidated financial data as of the acquisition date.

**Item 7. Management’s Discussion and Analysis of Financial Condition and Results of Operations.**

*This Annual Report on Form 10-K contains “forward-looking statements” that involve risks and uncertainties, as well as assumptions which, if they never materialize or prove incorrect, could cause our results to differ materially from those expressed or implied by such forward-looking statements. The statements contained in this Annual Report on Form 10-K that are not purely historical are forward-looking statements within the meaning of Section 27A of the Securities Act of 1933, as amended, and Section 21E of the “Exchange Act.” Forward-looking statements are often identified by the use of words such as, but not limited to, “anticipate,” “believe,” “can,” “continue,” “could,” “estimate,” “expect,” “intend,” “may,” “will,” “plan,” “project,” “seek,” “should,” “target,” “will,” “would,” and similar expressions or variations intended to identify forward-looking statements. Forward-looking statements include statements regarding our business strategies and business model, products, benefits to our clients, future financial results and expenses, our acquisition of Inventus Solutions, Inc. (“Inventus”), our patent acquisition spending, and our competitive position. These statements are based on the beliefs and assumptions of our management based on information currently available. Such forward-looking statements are subject to risks, uncertainties and other important factors that could cause actual results and the timing of certain events to differ materially from future results expressed or implied by such forward-looking statements. Factors that could cause or contribute to such differences include, but are not limited to, those identified below, and those discussed in the section titled “Risk Factors” included in Part I, Item 1A of this Annual Report on Form 10-K.*

*Furthermore, such forward-looking statements speak only as of the date of this report. Except as required by law, we undertake no obligation to update any forward-looking statements to reflect events or circumstances after the date of such statements.*

**Overview**

Since our founding in 2008, we have been providing an alternative to litigation through our patent risk management services. In January 2016 through our acquisition of Inventus, we began offering technology-enabled discovery services to our clients.

We help companies reduce patent-related risk and corporate legal expense by providing two primary service offerings: (1) a subscription-based patent risk management service offering that facilitates more efficient exchanges of value between owners and users of patents compared to transactions driven by actual or threatened litigation, and (2) a discovery services offering.

*Patent Risk Management*

The core of our patent risk management services is defensive patent aggregation, in which we acquire patent assets that are being or may be asserted against our current and prospective clients. When we acquire patent assets, we generally provide to our clients non-exclusive sub-licenses to those patent assets. We also provide our clients access to our proprietary patent market intelligence and data.

Our business model aligns our interests with those of our clients. We have not asserted and will not assert our patents, which enables us to develop trusted relationships with our clients. Our patent risk management clients include companies that design, make or sell technology-based products and services as well as companies that use technology in their businesses.

We believe that our acquisitions of patent assets are a key driver of the value that we create for our clients. We measure patent asset acquisition spend on both a “gross” and a “net” basis, whereby the “gross spend” represents the aggregate amount spent including amounts contributed by our clients in syndicated acquisitions above and beyond their subscription fees and the “net spend” represents only the investment of our own capital. During the year ended December 31, 2016, we completed 78 acquisitions of patent assets and our gross and net patent acquisition spend totaled \$184.3 million and \$117.4 million, respectively. From our inception through December 31, 2016, we have completed 385 acquisitions of patent assets with gross and net patent acquisition spend of \$2.2 billion and \$947.4 million, respectively.

Insuring against the costs of patent infringement litigation is a natural extension of our core defensive patent acquisition service. Our patent infringement litigation expense insurance is a liability insurance policy for operating companies that covers certain costs associated with patent infringement lawsuits. We assume some portion of the underwriting risk on the insurance policies that we issue on behalf of a Lloyd’s of London underwriting syndicate. As of December 31, 2016, we had a total of 181 active insurance policies. The effect of the insurance policies that we have issued or assumed through our reinsurance business was not material to our results of operations or financial condition for the year ended December 31, 2016 or 2015.

During the year ended December 31, 2016 and 2015, revenue from our patent risk management services was \$267.0 million and \$291.9 million, respectively. Our patent risk management client count, which includes both clients who receive our defensive patent acquisition service and our insurance service, increased by 93, 51, and 36 clients during the years ended December 31, 2016, 2015, and 2014, respectively, bringing our total client network to 348 as of December 31, 2016.

### *Discovery Services*

Through our wholly owned subsidiary Inventus, in 2016 we began offering technology-enabled discovery services to assist leading law firms and corporate legal departments manage costs and risks related to the litigation discovery process. Our discovery service offering focuses on the process of consolidation and organization of data into meaningful discovery information powered by a mix of third-party and proprietary software. This allows our discovery services clients to efficiently and effectively manage a portfolio of litigation discovery matters in a central location.

Our more than 1,000 discovery services clients in nearly a dozen countries benefit from our discovery services, which includes data hosting and backup, data processing and collection, project management, document review, and traditional document production. All of these services are designed to streamline the administration of litigation, investigations, and regulatory compliance. During the year ended December 31, 2016, revenue from our discovery services was \$66.1 million. Certain of our discovery services operations are denominated in currencies other than the U.S. dollar, primarily the British pound sterling and the Euro, and therefore these operations are exposed to foreign exchange rate fluctuations.

## **Key Components of Results of Operations**

### ***Revenue***

Subscription revenue includes membership subscriptions to our defensive patent aggregation services, premiums earned, net of ceding commissions, from insurance policies, and management fees related to our insurance business. Historically, the majority of our revenue has consisted of fees paid by our clients under subscription agreements. Subscription revenue will be positively or negatively impacted by the financial performance of our patent risk management clients since their subscription fees typically reset annually based upon their most recently reported annual financial results. In August 2012, we launched our insurance product and started to recognize insurance premium revenue from the insurance policies that we underwrite. As the primary insurer, we had been recognizing the full insurance premium as revenue. In May 2014, we began to assume a portion of the underwriting risk on insurance policies that we issue on behalf of a Lloyd's of London underwriting syndicate, and as a result we recognize only the portion of the underwriting risk that we assume. In addition, we receive management fees for marketing, underwriting, and claims management services. Although we expect this revenue to increase as we sell more insurance policies in the future, for the years ended December 31, 2016 and 2015, insurance premium revenue was not material to our results of operations.

Discovery revenue represents fees generated from services rendered in connection with our discovery services. These services are typically comprised of document collection and processing, document review, document production, and project management, and are generally billed in arrears based on the number of users, amount of data stored, or number of consulting hours. Our discovery revenue may fluctuate significantly based on the project-oriented nature of the discovery services we provide.

We recognize revenue from the sale of licenses and advisory fee income in connection with syndicated acquisitions, which we collectively refer to as fee-related revenue. In the future, we may receive other revenue and fee income from newly-introduced products and services. We do not believe that our rate of growth since inception is representative of anticipated future revenue growth and we may experience a year-over-year decline in revenue in future periods.

### ***Cost of Revenue***

Cost of revenue from our patent risk management services primarily consists of amortization expenses related to acquired patent assets. Acquired patent assets are capitalized and amortized ratably over their estimated useful lives, which typically relates to the anticipated cash flows from clients and prospects that will benefit from the transaction. Also included in the cost of revenue from our patent risk management service are expenses incurred to maintain our patents, prosecute our patent applications, conduct inter partes reviews and prior art searches, and amortization expense for acquired intangible assets and internally developed software. With the launch of our insurance offering in August 2012, cost of revenue from our patent risk management services began to include premiums ceded to reinsurers and loss reserves. We began to issue new policies under a reinsurance model in May 2014 and under this model we do not cede premiums.

Our cost of revenue from our patent risk management services is primarily driven by the amortization of previously acquired patent assets, which are typically amortized over an estimated useful life of 24 to 60 months. From time to time, we may acquire patent assets that are valuable to our clients and prospects with an estimated useful life that is significantly less than the historical weighted-average of patent assets previously acquired, resulting in increased patent asset amortization expense in periods immediately following the acquisition. Estimating the economic useful lives of our patent assets depends on various factors including whether we acquire patents or licenses to patents, and the remaining statutory life of the underlying patents, either of which could result in shorter amortization periods. We believe that amortization periods of patent assets to be acquired in future periods may be amortized over shorter periods than the historical weighted-average of 41 months, which will cause our cost of revenue to increase. Our cost of revenue from our patent risk management services may fluctuate in the future as it is dependent on the level of patent asset purchases, the amortization period of the patent assets we acquire, and the level of insurance policies we write.



Cost of revenue from our discovery services primarily consists of compensation costs for employees and third-party contractors who deliver services to our clients, costs incurred to maintain, secure, and store hosted data, license fees for the software we utilize in our discovery services process, and amortization of our identifiable intangible assets for technology used to provide our discovery services to our clients. Our cost of revenue related to hosting data and software license fees is primarily fixed but can fluctuate based on levels of data hosted and number of users our clients choose to have access to the software.

#### ***Selling, General and Administrative Expenses***

Selling, general and administrative expenses consist of salaries and related expenses, including stock-based compensation expense, amortization related to our intangible assets, cost of marketing programs, legal costs, professional fees, travel costs, facility costs and other corporate expenses. We expect that in the foreseeable future, selling, general, and administrative expenses may decrease as we seek to effectively manage expenses although such expenses could fluctuate from period to period.

#### ***Interest and Other Income (Expense), Net***

Interest and other income (expense), net consists of interest income earned on our cash, cash equivalents and short-term investments, interest expense incurred on our term debt, gains or losses due to foreign currency fluctuations, as well as changes in fair value of our deferred payment obligations. Our interest and other income (expense) may fluctuate significantly as our long-term debt bears interest in line with the London interbank offered rate and our results of operations and cash flows are subject to fluctuations due to changes in foreign currency exchange rates, particularly changes in the British pound sterling, Japanese yen, and Euro relative to the U.S. dollar.

#### ***Provision for Income Taxes***

Income taxes are computed using the asset and liability method, under which deferred tax assets and liabilities are determined based on the difference between the financial statements and tax basis of assets and liabilities using enacted tax rates in effect for the year in which the differences are expected to affect taxable income. Valuation allowances are established when necessary to reduce deferred tax assets to the amount expected to be realized.

#### **Critical Accounting Policies and Estimates**

Our consolidated financial statements are prepared in accordance with accounting principles generally accepted in the United States of America. The preparation of these consolidated financial statements requires us to make estimates and assumptions that affect the reported amounts of assets, liabilities, revenue, costs and expenses and related disclosures.

We believe that, of our significant accounting policies, which are described in Note 2 of our consolidated financial statements, the following accounting policies involve a greater degree of judgment and complexity. Accordingly, these are the policies we believe are the most critical to aid in fully understanding and evaluating our consolidated financial condition and results of operations.

#### ***Revenue Recognition***

We recognize revenue in accordance with Financial Accounting Standards Board (“FASB”) Accounting Standards Codification (“ASC”) 605, *Revenue Recognition* (“ASC 605”) and related authoritative guidance.

#### ***Patent Risk Management***

The primary source of our revenue from our patent risk management service offering is fees paid by our clients under subscription agreements. We believe that the subscription component of our patent risk management services comprises a single deliverable and thus we recognize each subscription fee ratably over the period for which the fee applies. Revenue is recognized net of any discounts or other contractual incentives. We start recognizing revenue when all of the following criteria have been met:

- *Persuasive evidence of an arrangement exists.* All subscription fees are supported by an executed subscription agreement.
- *Delivery has occurred or services have been rendered.* The subscription agreement calls for us to provide our patent risk management services over a specific term commencing on the agreement effective date. Because services are not on an individualized basis (i.e., we generally perform our services on behalf of all of our clients as opposed to each client individually), delivery occurs automatically with the passage of time. Consequently, we recognize subscription revenue ratably.
- *Seller’s price to the buyer is fixed or determinable.* Each client’s annual subscription fee is typically based on a rate card in effect at the time of the client’s initial agreement. A client’s subscription fee is generally determined using its rate card and its normalized operating income, which is defined as the greater of (i) the average of its operating income for the three most recently reported fiscal years and (ii) 5% of its revenue for the most recently reported fiscal year. The fee for the first year of the agreement is typically determined and invoiced at the time of contract execution. The fee for each subsequent year of the agreement is generally calculated and invoiced in advance prior to each anniversary date of the agreement.

- *Collectability is reasonably assured.* Subscription fees are generally collected on or near the effective date of the agreement and again at or near each anniversary date thereof. We do not recognize revenue in instances where collectability is not reasonably assured. Generally, our subscription agreements state that all fees paid are non-refundable.

In some limited instances, the subscription agreement includes a contingency clause, giving one or both parties an option to terminate the agreement and receive a full refund if contingencies are not resolved within a defined time period. In those instances, revenue will not be recognized until the contingency has been satisfied. The revenue earned during the period between the effective date of the agreement and the contingency removal date is recognized on the contingency removal date. Thereafter, revenue is recognized ratably over the remaining subscription term.

Our clients generally receive a term license to, and a release from all prior damages associated with, patent assets in our portfolio. The term license to each patent asset typically converts to a perpetual license at the end of a contractually specified vesting period, provided that the client is a member at such time. We do not view the conversion from term license to perpetual license to be a separate deliverable in our arrangements with our clients because the utility of, access to and freedom to practice the inventions covered by the patent asset is no different between a term and perpetual license.

In some instances, we accept a payment from a client to finance part or all of a patent asset acquisition. We refer to such transactions as syndicated acquisitions. The accounting for syndicated acquisitions can be complex and often requires judgments on the part of management as to the appropriate accounting treatment. In accordance with ASC 605-45, *Revenue Recognition: Principal Agent Considerations*, in instances where we substantively act as an agent to acquire patent rights from a seller on behalf of clients who are paying for such rights separately from their subscription agreements, we may treat the client payments on a net basis. When treated on a net basis, there may be little or no revenue recognized for such contributions, and the basis of the acquired patent rights may exclude the amounts paid by the contributing client based on our determination that we are not the principal in these transactions. In these situations, where we substantively act as an agent, the contributing clients are typically defendants in an active or threatened patent infringement litigation filed by the owner of a patent. Our involvement is to assist our clients to secure a dismissal from litigation and a license to the underlying patents.

Key indicators evaluated to determine our role as either principal or agent in the transaction include, among others:

- the entity to grant the license of the patent(s) is generally viewed as the primary obligor in the arrangement, given that it owns and controls the underlying patent(s) and thus has the absolute authority to grant and deliver any release from past damages and dismissal from litigation, and typically determines the general terms of the license(s) granted;
- we generally do not have any inventory risk, as our clients often enter into contractual obligations with us prior to or contemporaneous to the our entering into a contractual obligation with the seller;
- we have pricing latitude as we negotiate client contributions, however, this latitude is often limited as the economics of the transaction ultimately depend on the sales price set by the seller;
- we are not involved in the determination of the product or service specification and has no ability to change the product or perform any part of the service in connection with these transactions, as the seller owns the underlying patent(s); and
- we have limited or no credit risk, as each respective client of ours has a contractually binding obligation, such clients are generally of high credit quality and in some instances, we collect the client contribution prior to making a payment to the seller.

In certain syndicated transactions, we may recognize revenue upon the sale of licenses to specific patent assets and/or upon completion of the rendering of advisory services.

*Revenue recognition for arrangements with multiple deliverables.* A multiple-element arrangement may include the sale of a subscription to our patent risk management services and an insurance policy to cover certain costs associated with patent infringement litigation, each of which are individually considered separate units of accounting. Each element within a multiple-element arrangement is accounted for as a separate unit of accounting given that the delivered products have value to the customer on a standalone basis. We consider a deliverable to have standalone value if the product or service is sold separately by us or another vendor. The delivery of insurance coverage is not dependent on a client's subscription to our patent risk management services. While we believe our insurance product offering is unique, our clients are able to purchase insurance coverage as a standalone product from other providers. We sell the components of our patent risk management services on a standalone basis.

Multiple deliverables included in an arrangement are separated into different units of accounting and the arrangement consideration is allocated to the identified separate units based on a relative selling price hierarchy. For our patent risk management service offering, we determine the relative selling price for a deliverable based on its best estimate of selling price ("BESP"). We have determined that vendor-specific objective evidence ("VSOE") and third-party evidence ("TPE") are not available for our patent risk management deliverables.

We have determined our BESP for a subscription to our patent risk management service offering based on the following:

- List price, which represents the rates listed on our annual rate card. We publish a standard rate card annually. Each client's subscription fee is typically calculated using the applicable rate card and its normalized operating income, which is defined as the greater of (i) 5% of the client's most recently reported fiscal year's revenue, and (ii) the average of the three most recently reported fiscal years' operating income of the client. Each client's annual subscription fee is reset annually based on its normalized operating income for its most recently completed fiscal years.

We have determined our BESP for our insurance product based on the following:

- Actuarially determined factors. Although we sell our insurance product both on a standalone basis and as a component of a multiple-element arrangement, the pricing is not affected by the subscription to our patent risk management services. We use an actuarial model that calculates an individual client's insurance premium based on its projected annual frequency (i.e., number of claims during the policy term) and severity (i.e., the amount which we expect to settle a claim).

#### *Discovery Services*

Revenue from our discovery services is primarily generated from the following:

- data hosting fees based on data stored and number of users;
- fees for month-to-month delivery of services, such as data processing (conversion of data into organized, searchable electronic database), project management and data collection services;
- document review services which assist clients in the manual review of data responsive to a legal matter; and
- printing and binding services (paper-based services).

We enter into agreements pursuant to which we offer various discovery services. Clients are generally billed monthly based on contractual unit prices and volumes for services delivered. The agreements are typically for an indefinite period of time, however, they are cancelable at will by either party. We are entitled to all fees incurred for services performed. The majority of our discovery services revenue comes from two types of billing arrangements: usage based and fixed fee.

Usage-based arrangements require the client to pay based upon predetermined unit prices and volumes for data hosting, data processing and paper-based services. Project management and review hours are billed based upon the number of hours worked by certain client service professionals at agreed upon rates.

In fixed-fee billing arrangements, we agree to a pre-established monthly fee over a specified term in exchange for various services. The fees are not tied to the attainment of any contractually defined objectives and the monthly fee is nonrefundable.

Based on an evaluation of the discovery services delivered to each client, we determined each deliverable has stand-alone value to the client as each of our discovery services can be sold on a stand-alone basis by us and the discovery services are available from other vendors. Additionally, discovery services do not carry a significant degree of risk or unique acceptance criteria that would require a dependency on the performance of future services.

We determine the relative selling price for a discovery services deliverable based on its VSOE, if available, or its BESP, if VSOE is not available. We have determined that TPE is not a practical alternative due to differences in its service offerings compared to other parties and the availability of relevant third-party pricing information. We allocate revenue to the various units of accounting in its arrangements based on the best estimate of selling price for each unit of accounting, which are consistent with the stated prices in those arrangements.

Our discovery services arrangements do not include any substantive general rights of return or other contingencies.

Sales and value added taxes collected from clients are not considered revenue and are included in accrued liabilities in our consolidated balance sheets until remitted to the taxing authorities.

#### *Patent Assets, Net*

We generally acquire patent assets from third parties using cash. Patent assets are recorded at fair value at acquisition. The fair value of the assets acquired is generally based on the fair value of the consideration exchanged. The asset value includes the cost of external legal and other fees associated with the acquisition of the assets. Costs incurred to maintain and prosecute patents and patent applications are expensed as incurred.

Because each client generally receives a license to the majority of our patent assets, we are unable to reliably determine the pattern over which our patent assets are consumed. As a result, we amortize each patent asset on a straight-line basis. The amortization period is equal to the asset's estimated economic useful life. Estimating the economic useful life of patent assets requires significant management judgment. We consider various factors in estimating the economic useful lives of our patent assets, including the remaining statutory life of the underlying patents, the applicability of the assets to future clients, the vesting period for current clients to obtain perpetual licenses to such patent assets, any contractual commitments by clients that are related to such patent assets, our estimate of the period of time during which we may sign subscription agreements with prospective clients that may find relevance in the patent assets, and the remaining contractual term of our existing clients at the time of acquisition. In certain instances, where we acquire patent assets and secure related client committed cash flows that extend beyond the statutory life of the underlying patents, the useful life may extend beyond the statutory life of the patent assets. As of December 31, 2016, the estimated economic useful life of our patent assets generally ranged from 24 to 60 months. The weighted-average estimated economic useful life of patent assets acquired since inception was 41 months. The weighted-average estimated economic useful life of patent assets acquired during the year ended December 31, 2016 was 27 months. We periodically evaluate whether events and circumstances have occurred that may warrant a revision to the remaining estimated useful life of our patent assets.

In some instances, we accept a payment from a client to finance part or all of an acquisition involving patent assets that may cost more than we are prepared to spend with our own capital resources or that are relevant only to a very small number of clients. In these instances, we facilitate syndicated transactions that include cash contributions from participating clients in addition to their annual subscription fees.

In instances where we sell patent assets, the amount of consideration received is compared to the asset's carrying value to determine and recognize a gain or loss.

#### ***Foreign Currency Accounting***

The functional currencies of our international subsidiaries are the U.S. dollar and British pound sterling. Our primary foreign subsidiary uses the local currency of its respective country as its functional currency. Assets and liabilities are translated into U.S. dollars using exchange rates prevailing at the balance sheet date, while revenues and expenses are translated at average exchange rates during the year. Gains and losses resulting from the translation of our consolidated balance sheet are recorded as a component of accumulated other comprehensive income (loss).

Gains and losses from foreign currency transactions are recognized in other expense, net in the consolidated statements of operations.

#### ***Stock-Based Compensation***

We account for stock-based compensation for equity-settled awards issued to employees and directors under ASC 718, *Compensation-Stock Compensation* ("ASC 718"). ASC 718 requires that stock-based compensation expense for equity-settled awards made to employees and directors be measured based on the estimated grant date fair value and recognized over the requisite service period. These equity-settled awards include stock options, restricted stock units ("RSUs"), and performance-based RSUs which include a service condition, some of which also include a market condition or performance condition ("PBRsUs").

The fair value of stock options is estimated as of the date of grant using the Black-Scholes option-pricing model. The fair value of RSUs is estimated based on the fair market value of our common stock on the date of grant. For stock options and RSUs, the fair value of the award that is expected to vest is recognized as compensation expense on a straight-line basis over the requisite service period. Because stock-based compensation expense is based on awards ultimately expected to vest, it reflects estimated forfeitures. Forfeitures are estimated at the time of grant and revised, if necessary, in subsequent periods if actual forfeitures differ from initial estimates. Previously recognized expense is reversed for the portion of awards forfeited prior to vesting.

The fair value of PBRsUs with performance conditions is estimated as of the grant date by reference to the fair value of the underlying shares on the date of grant. The fair value of PBRsUs with market conditions is estimated as of the date of grant using the Monte-Carlo simulation model. For PBRsUs, stock-based compensation expense is recognized over the derived service period for each tranche (or market or performance condition). Because our PBRsUs have multiple derived service periods, we use the graded-vesting attribution method. The graded vesting attribution method requires a company to recognize compensation expense over the requisite service period for each vesting tranche of the award as though the award were, in substance, multiple awards. The compensation expense for PBRsUs with market conditions will only be reversible if the employee terminates prior to completing the requisite service periods for these awards (i.e., compensation expense will not be reversed if the market condition is not met). For PBRsUs that include performance conditions, we only recognize compensation expense for those awards which vesting is determined to be probable upon satisfaction of certain performance criteria.

Estimates of the fair value of equity-settled awards as of the grant date using valuation models, such as the Black-Scholes option-pricing model and a Monte-Carlo simulation model, is affected by assumptions regarding a number of complex variables. Changes in the assumptions can materially affect the fair value and ultimately how much stock-based compensation expense is recognized. These inputs are subjective and generally require significant analysis and judgment to develop. For all stock options granted to date, we calculated the expected term using the SEC simplified method. We had limited information on our past volatility and a limited operating history. Therefore, we had estimated the volatility data based on a study of publicly traded industry peer companies. For purposes of identifying these peer companies, we considered the industry, stage of development, size and financial leverage of potential comparable companies. As of the second quarter of 2014, we concluded that we obtained sufficient historical information and, accordingly, ceased use of calculating the expected term using the SEC simplified method and estimated volatility based on peer companies. Starting the third quarter of 2014, our expected term calculation is based on historical exercise patterns and post-vesting termination behavior. Volatility is calculated based on the implied volatility of our publicly traded stock. We have not granted any stock options since making these changes. The risk-free interest rate is based on the yield available on U.S. Treasury zero-coupon issues similar in duration to the expected term of the equity-settled award.

As of December 31, 2016, there was \$34.5 million of unrecognized compensation cost related to RSUs, including PBRsUs, which is expected to be recognized over a weighted-average period of 2.6 years.

### ***Income Taxes***

We account for income taxes using an asset and liability approach, which requires the recognition of deferred tax assets or liabilities for the tax-effected temporary differences between the financial reporting and tax bases of our assets and liabilities and for net operating loss and tax credit carryforwards. Deferred tax assets and liabilities are measured using enacted tax rates expected to apply to taxable income in the years in which those temporary differences are expected to be recovered or settled. The measurement of deferred tax assets is reduced, if necessary, by the amount of any tax benefits that, based on available evidence, are not expected to be realized.

We assess the likelihood that our deferred tax assets will be recovered from future taxable income, and to the extent we believe that recovery is not likely, we establish a valuation allowance. Judgment is required in determining our provision for income taxes, deferred tax assets and liabilities, and any valuation allowance recorded against the net deferred tax assets. We applied a valuation allowance of \$0.9 million and \$1.1 million against our deferred tax balances at December 31, 2016 and 2015, respectively.

The calculation of our tax liabilities involves uncertainties in the application of complex tax laws and regulations in a multitude of jurisdictions across our global operations. ASC 740, *Income Taxes* ("ASC 740") provides that a tax benefit from an uncertain tax position may be recognized when it is more-likely-than-not that the position will be sustained upon examination, including resolutions of any related appeals or litigation processes, on the basis of the technical merits. ASC 740 also provides guidance on measurement, derecognition, classification, interest and penalties, accounting in interim periods, disclosure and transition.

We recognize tax liabilities in accordance with ASC 740 and adjust these liabilities when our judgment changes as a result of the evaluation of new information not previously available. Because of the complexity of some of these uncertainties, the ultimate resolution may result in a payment that is materially different from our current estimate of the tax liabilities. These differences will be reflected as increases or decreases to income tax expense in the period in which new information is available.

The tax expense or benefit for extraordinary items, unusual or infrequently occurring items and items that do not represent a tax effect of current-year ordinary income are treated as discrete items and recorded in the interim period in which the events occur.

Our effective tax rate could be adversely affected by changes in federal, state or foreign tax laws, certain non-deductible expenses arising from stock-based awards and changes in accounting principles. During 2015, the statute of limitations expired with respect to our 2010 tax year, which was under examination by the State of California Franchise Tax Board. The conclusion of this examination did not have a material impact on our consolidated financial statements. The 2013 through 2016 tax periods remain open to examination by the Internal Revenue Service and the 2012 through 2016 tax periods remain open to examination by most state tax authorities.

### ***Business Combinations***

We apply the provisions of ASC 805, *Business Combinations* ("ASC 805"), in the accounting for our business acquisitions. ASC 805 requires companies to separately recognize goodwill from the assets acquired and liabilities assumed, which are at their acquisition date fair values. Goodwill as of the acquisition date represents the excess of the purchase price over the fair values of the assets acquired and the liabilities assumed.

We use significant estimates and assumptions, including fair value estimates, to determine fair value of assets acquired, liabilities assumed and, when applicable, the related useful lives of the acquired assets, as of the business combination date. When

those estimates are provisional, we refine them as necessary during the measurement period. The measurement period is the period after the acquisition date, not to exceed one year, in which we may gather new information about facts and circumstances that existed as of the acquisition date to adjust the provisional amounts recognized. Measurement period adjustments are applied retrospectively. All other adjustments are recorded within the consolidated statements of operations.

### **Goodwill**

We review goodwill for impairment annually or more frequently if events or changes in circumstances indicate that the carrying value of goodwill may not be recoverable. For the year ended December 31, 2016, we used both the qualitative assessment and the two-step goodwill impairment test to assess whether or not the goodwill of our reporting units was impaired under ASC Topic 350, *Intangibles - Goodwill & Other* (“ASC Topic 350”), issued by the FASB. A company may first assess the qualitative factors to determine whether it is more likely than not that the fair value of its reporting unit is less than its carrying amount as a basis for determining whether it is necessary to perform the two-step goodwill impairment. If the two-step goodwill impairment test is performed, the first step in identifying a potential impairment compares the fair value of the reporting unit with its carrying amount. Such valuations require us to make significant estimates and assumptions, especially with respect to intangible assets. Significant estimates in valuing certain intangible assets include, but are not limited to, future expected cash flows from acquired clients, acquired technology, and trade names from a market participant perspective, useful lives, and discount rates. If the carrying amount of a reporting unit exceeds its fair value, the second step would need to be performed; otherwise, no further step is required. The second step, measuring the impairment loss, compares the implied fair value of the reporting unit’s goodwill with the carrying amount of that goodwill. Any excess of the goodwill carrying amount over the implied fair value is recognized as an impairment charge, and the carrying value of goodwill is written down to fair value.

No impairment charges were recorded as a result of our 2016, 2015, and 2014 annual impairment analyses.

### **Reserves for Known and Incurred but not Reported Claims**

Reserves for known and incurred but not reported claims represent estimated claims costs and related expenses for patent infringement liability insurance policies in effect. Reserves for known claims are established based on individual case estimates. We use actuarial models and techniques to estimate the reserve for incurred but not reported claims.

Loss expense for known and incurred but not reported claims are charged to earnings after deducting recoverable amounts under our reinsurance contract. Loss expense for known and incurred but not reported claims associated with policies that we issued on behalf of a Lloyd's of London underwriting syndicate are charged to earnings for the portion of the underwriting risk that we assume.

### **Results of Operations**

The following table sets forth selected consolidated statements of operations data for each of the periods indicated (in thousands). Our historical results are not necessarily indicative of our results of operations to be expected for any future period.

	Year Ended December 31,		
	2016	2015	2014
Revenue	\$ 333,107	\$ 291,881	\$ 259,335
Cost of revenue	197,262	148,858	124,435
Selling, general and administrative expenses	100,457	77,428	71,679
Gain on sale of patent assets, net	—	(592)	(707)
Operating income	35,388	66,187	63,928
Interest and other income (expense), net	(3,079)	(688)	354
Income before provision for income taxes	32,309	65,499	64,282
Provision for income taxes	14,074	26,077	24,941
Net income	\$ 18,235	\$ 39,422	\$ 39,341

The following table sets forth, for the periods indicated, consolidated statements of operations data as a percentage of revenue.

	Year Ended December 31,		
	2016	2015	2014
Revenue	100 %	100 %	100 %
Cost of revenue	59	51	48
Selling, general and administrative expenses	30	27	28
Gain on sale of patent assets, net	—	—	—
Operating income	11	22	24
Interest and other income (expense), net	(1)	—	—
Income before provision for income taxes	10	22	24
Provision for income taxes	4	9	10
Net income	6 %	13 %	14 %

#### Years Ended December 31, 2016 and 2015

##### *Revenue*

Our revenue for the year ended December 31, 2016 was \$333.1 million compared to \$291.9 million during the same period a year prior, an increase of \$41.2 million, or 14%. Subscription revenue — which includes membership subscription to our defensive patent aggregation services, premiums earned, net of ceding commissions, from insurance policies and management fees — for the year ended December 31, 2016 was \$255.4 million compared to \$269.7 million for the year ended December 31, 2015. The decrease in subscription revenue was primarily attributable to a net decrease in membership fees and insurance premiums of \$20.5 million from clients who joined our network prior to December 31, 2015 and, in certain cases, may no longer be a part of our network as of December 31, 2016. This decrease in subscription revenue was partially offset by a net increase in membership fees and insurance premiums of \$6.2 million from new clients who joined our network subsequent to December 31, 2015. As of December 31, 2016 we had a total patent risk management client network of 348 companies as compared to 255 as of December 31, 2015.

Discovery revenue, which includes fees generated from data collection, hosting and processing, project management, and document review services, was \$66.1 million for the year ended December 31, 2016 compared to nil in the same period a year prior as we acquired Inventus in January 2016.

Revenue for the year ended December 31, 2016 also included \$11.6 million of fee-related revenue as compared to \$22.2 million in the same period in 2015. This decrease in fee-related revenue was primarily attributable to the decrease in success fees earned in connection with syndicated acquisitions as well as a decrease in sale of perpetual licenses.

##### *Cost of Revenue*

Our cost of revenue for the year ended December 31, 2016 was \$197.3 million compared to \$148.9 million during the same period a year prior, an increase of \$48.4 million, or 33%. The increase was primarily attributable to the cost of revenue for discovery services of \$33.4 million associated with Inventus, which we acquired in January 2016 and therefore has no comparable cost of revenue for the year ended December 31, 2015. The increase in cost of revenue was also attributable to a \$16.6 million increase in patent amortization expense as a result of an increase in our patent assets and shorter than historical amortization periods for certain patent assets acquired during the year ended December 31, 2016. Patent assets acquired during the year ended December 31, 2016 had a weighted-average amortization period of 27 months compared with the historical weighted-average since our inception of 41 months. This increase was partially offset by a \$1.6 million decrease in expenses incurred to maintain and prosecute patents and patent applications included in our portfolio.

##### *Selling, General, and Administrative Expenses*

Our selling, general, and administrative expenses for the year ended December 31, 2016 were \$100.5 million compared to \$77.4 million during the same period a year prior, an increase of \$23.1 million or 30%. The increase was primarily due to selling, general, and administrative expenses of \$24.0 million for the year ended December 31, 2016 associated with Inventus, which we acquired in January 2016 and therefore has no comparable selling, general, and administrative expenses for the year ended December 31, 2015. This increase was partially offset by a decrease of selling, general, and administrative expenses of \$0.9 million in the patent risk management business primarily attributable to a \$2.7 million decrease in personnel-related costs due to

decreases in headcount during the year ended December 31, 2016 as compared to the year ended December 31, 2015 partially offset by a \$1.8 million increase in professional services fees.

#### ***Interest and Other Income (Expense), Net***

Our interest and other expense, net for the year ended December 31, 2016 was \$3.1 million compared to interest and other expense, net of \$0.7 million during the same period a year prior, an increase of \$2.4 million. The increase was primarily due to an increase of \$4.5 million related to our deferred payment obligation, a \$3.0 million increase of realized and unrealized foreign currency losses, increase of \$3.0 million of interest expense incurred primarily in connection with our \$100 million five-year term facility which we entered into in February 2016, as well as a \$0.2 million decrease in interest income generated from our short-term investments. This increase was partially offset by a decrease of \$8.3 million in other expense, net related to our short-term investments.

#### ***Provision for Income Taxes***

Our provision for income taxes was \$14.1 million and \$26.1 million for the years ended December 31, 2016 and 2015, respectively. Our effective tax rate, including the impact of discrete benefit items, increased to 44% for the year ended December 31, 2016 compared to 40% for the year ended December 31, 2015, primarily due to increases in reserves for unrecognized tax benefits resulting from state apportionment matters. Based on available information, we believe it is more-likely-than-not that our deferred tax assets will be fully realized with the exception of a portion related to our generated capital losses. Accordingly, we have not applied a valuation allowance against our net deferred tax assets except for a portion related to the generated capital losses at December 31, 2016 and 2015.

### **Years Ended December 31, 2015 and 2014**

#### ***Revenue***

Our revenue for the year ended December 31, 2015 was \$291.9 million compared to \$259.3 million during the same period a year prior, an increase of \$32.6 million, or 13%. Subscription revenue, which includes membership subscription services, premiums earned, net of ceding commissions, from insurance policies and management fees, for the year ended December 31, 2015 was \$269.7 million compared to \$251.4 million for the year ended December 31, 2014. The increase in subscription revenue was attributable to an increase in membership fees and insurance premiums, which was comprised of \$15.1 million from new clients who joined our network subsequent to December 31, 2014 and \$3.3 million from clients who joined our network prior to December 31, 2014. As of December 31, 2015 we had a total client network of 255 companies as compared to 204 as of December 31, 2014.

Revenue for the year ended December 31, 2015 also included \$22.2 million of fee-related revenue as compared to \$8.0 million in the same period in 2014. This increase in fee-related revenue was primarily attributable to the success fees earned in connection with syndicated acquisitions as well as the sale of perpetual licenses.

#### ***Cost of Revenue***

Our cost of revenue for the year ended December 31, 2015 was \$148.9 million compared to \$124.4 million during the same period a year prior, an increase of \$24.5 million, or 20%. The increase was primarily attributable to a \$22.7 million increase in patent amortization expense as a result of an increase in our patent assets and shorter than historical amortization periods for certain patent assets acquired during the year ended December 31, 2015. Patent assets acquired during the year ended December 31, 2015 had a weighted-average amortization period of 38 months compared with the historical weighted-average since our inception of 44 months. This increase was also attributable to a \$1.5 million increase in expenses incurred to maintain and prosecute patents and patent applications included in our portfolio and a \$1.0 million increase in expenses incurred to conduct inter partes reviews and prior art searches, partially offset by a \$0.7 million decrease in insurance premiums ceded and loss expense for known and incurred but not reported claims for insurance policies.

#### ***Selling, General, and Administrative Expenses***

Our selling, general, and administrative expenses for the year ended December 31, 2015 were \$77.4 million compared to \$71.7 million during the same period a year prior, an increase of \$5.7 million or 8%. The increase was primarily due to a \$3.4 million increase in personnel-related costs, attributable to increasing our headcount to 161 employees as of December 31, 2015, a \$1.7 million increase in legal and professional service fees primarily attributable to costs related to M&A activity, and \$0.3 million increase in IT related costs for software upgrades and licenses for additional users due to increases in headcount.



**Interest and Other Income (Expense), Net**

Our interest and other expense, net for the year ended December 31, 2015 was \$0.7 million compared to interest and other income, net of \$0.4 million during the same period a year prior, a decrease of \$1.1 million. The decrease was primarily due to a \$5.1 million other-than-temporary impairment of short-term investments and \$3.4 million of losses realized on sales and exchanges of short-term investments offset by fair value adjustments on our deferred payment obligations of \$3.9 million, a \$3.0 million gain on extinguishment of our deferred payment obligation, and \$0.5 million of interest income from our short-term investments.

**Provision for Income Taxes**

Our provision for income taxes was \$26.1 million and \$24.9 million for the years ended December 31, 2015 and 2014, respectively. Our effective tax rate, including the impact of discrete benefit items, was 40% and 39% for the years ended December 31, 2015 and 2014, respectively. Based on available information, we believe it is more-likely-than-not that our deferred tax assets will be fully realized with the exception of a portion of our generated capital losses. Accordingly, we have not applied a valuation allowance against our net deferred tax assets except for a portion of the current year generated capital losses at December 31, 2015.

**Non-GAAP Financial Measures**

We supplement our consolidated financial statements presented on a GAAP basis with non-GAAP adjusted EBITDA less net patent spend as we believe that this non-GAAP measure provides useful information about core operating results and thus is appropriate to enhance the overall understanding of our past financial performance and our prospects for the future. We define non-GAAP adjusted EBITDA as net income exclusive of provision for income taxes, interest and other income (expense), net, stock-based compensation and related employer payroll taxes, depreciation, and amortization. We use this non-GAAP measure to evaluate our financial results and trends, allocate internal resources, prepare and approve our annual budget, develop short- and long-term operating plans, and assess the health of our business. We believe this non-GAAP measure may prove useful to investors who wish to consider the impact of certain items when comparing our financial performance with that of other companies. The adjustments to our GAAP results are made with the intent of providing both management and investors a more complete understanding of our underlying operational results, trends and performance.

There are limitations in using non-GAAP financial measures because non-GAAP financial measures are not prepared in accordance with GAAP and may be different from non-GAAP financial measures used by other companies. The non-GAAP financial measures are limited in value because they exclude certain items that may have a material impact on our reported financial results. In addition, they are subject to inherent limitations as they reflect the exercise of judgment by management about which items are adjusted to calculate our non-GAAP financial measures. Management compensates for these limitations by analyzing current and future results on a GAAP basis as well as a non-GAAP basis and also by providing GAAP measures in our public disclosures.

The presentation of additional information should not be considered in isolation or as a substitute for or superior to financial results determined in accordance with GAAP. Investors are encouraged to review the reconciliation of these non-GAAP measures to their most directly comparable GAAP financial measure and not to rely on any single financial measure to evaluate our business.

The following table sets forth the reconciliation of net income to non-GAAP adjusted EBITDA less net patent spend for each of the periods indicated (in thousands). Our historical results are not necessarily indicative of our results of operations to be expected for any future period.

	Year Ended December 31,		
	2016	2015	2014
Net income	\$ 18,235	\$ 39,422	\$ 39,341
Provision for income taxes	14,074	26,077	24,941
Interest and other (income) expense, net	3,079	688	(354)
Stock-based compensation	18,568	18,015	18,049
Depreciation and amortization	171,623	145,835	123,138
Non-GAAP adjusted EBITDA	225,579	230,037	205,115
Net patent spend	(117,429)	(160,665)	(136,468)
Non-GAAP adjusted EBITDA less net patent spend	\$ 108,150	\$ 69,372	\$ 68,647

**Liquidity and Capital Resources**

We have financed substantially all of our operations and patent asset acquisitions through subscription and other fees collected from our clients, patent-seller financing, the sale of equity securities, and from borrowing through term loan facilities. As of December 31, 2016, we had \$100.1 million of cash and cash equivalents and \$90.9 million in short-term investments. In January 2016, we paid aggregate consideration of \$232 million in cash, net of working capital adjustments, at the closing of the Inventus transaction. On February 26, 2016, we entered into a credit agreement for a \$100 million five-year term facility and a \$50 million five-year revolving credit facility, which contains financial covenants requiring us to maintain certain leverage and fixed charge ratios which may impact our spending patterns and limits in the future. As of December 31, 2016, the total balance outstanding on the term facility was \$96.3 million, and the revolving credit facility remains undrawn. Further information regarding our credit agreement can be found in Note 11 of the Notes to Consolidated Financial Statements in Part II, Item 8 of this Annual Report on Form 10-K.

We believe our existing cash, cash equivalents and short-term investments will be sufficient to meet our working capital and capital expenditure needs for the foreseeable future. Our future capital needs will depend on many factors, including, among other things, our acquisition of patent assets, addition and renewal of client membership agreements, growth of our insurance and discovery services businesses and development of new products and services. We may experience fluctuations in patent acquisition spending as we acquire patent assets that will benefit our clients. Our cash used in investing activities may increase in the future as we acquire additional patent assets. Our cash used in financing activities may increase in the future as we execute our stock repurchase program by purchasing RPX shares. Additionally, we may enter into potential investments in, or acquisitions of, complementary businesses which could require us to seek additional debt or equity financing. Additional funds may not be available on terms favorable to us or at all.

The following table sets forth a summary of our cash flows for the periods indicated (in thousands):

	Year Ended December 31,		
	2016	2015	2014
Net cash provided by operating activities	\$ 187,256	\$ 173,223	\$ 191,469
Net cash used in investing activities	(213,475)	(134,868)	(214,434)
Net cash provided by (used in) financing activities	32,049	(21,391)	829
Foreign-currency effect on cash and cash equivalents	(702)	—	—
Net increase (decrease) in cash and cash equivalents	<u>\$ 5,128</u>	<u>\$ 16,964</u>	<u>\$ (22,136)</u>

***Cash Flows from Operating Activities***

Cash provided by operating activities for the year ended December 31, 2016 was \$187.3 million, consisting of adjustments for non-cash items of \$181.1 million, changes in working capital and non-current assets and liabilities of \$12.1 million, and net income of \$18.2 million. Non-cash adjustments to net income primarily consisted of \$171.6 million of depreciation and amortization, \$18.3 million of stock-based compensation, an unrealized loss of \$2.7 million due to foreign currency fluctuations, \$2.2 million of amortization of premium on investments, \$2.5 million of other non-cash adjustments, and \$0.3 million loss on sales and transfers of short-term investments partially offset by a reduction of \$14.0 million due to a net increase in our deferred taxes, fair value adjustments on our deferred payment obligations of \$1.9 million, and a gain of \$0.5 million recognized on the extinguishment of a deferred payment obligation. The change in working capital and non-current assets and liabilities resulted primarily from a \$39.7 million increase in accounts receivable, partially offset by a \$14.7 million increase in deferred revenue, a \$10.3 million decrease in prepaid expenses and other assets, a \$1.7 million increase in accrued and other liabilities, and a \$0.9 million increase in accounts payable. The increase in accounts receivable was primarily due to an increase of \$25.4 million related to a significant patent risk management customer as well as the addition of accounts receivable related to our discovery services business.

Cash provided by operating activities for the year ended December 31, 2015 was \$173.2 million, consisting of adjustments for non-cash items of \$156.5 million, changes in working capital and non-current assets and liabilities of \$22.7 million, and net income of \$39.4 million. Non-cash adjustments to net income primarily consisted of \$145.8 million of depreciation and amortization, \$17.6 million of stock-based compensation, \$6.7 million of amortization of premium on investments, \$5.1 million impairment of short-term investments, \$3.4 million loss on sales and transfers of short-term investments, a reduction of \$13.0 million due to a net increase in our deferred taxes, fair value adjustments on our deferred payment obligations of \$3.9 million, \$3.0 million due to a gain recognized on the extinguishment of a deferred payment obligation, \$1.6 million due to excess tax benefit from stock-based compensation and a \$0.6 million gain from the sale of patent assets. The change in working capital and non-current assets and liabilities resulted primarily from a \$21.3 million decrease in deferred revenue and a \$17.7 million increase in prepaid expenses and other assets partially offset by a \$10.9 million decrease in accounts receivable, a \$4.6 million increase in accrued and other liabilities, and a \$0.7 million increase in accounts payable.

### **Cash Flows from Investing Activities**

Cash used in investing activities for the year ended December 31, 2016 was \$213.5 million, resulting from \$228.5 million used for the acquisition of Inventus, net of cash received, \$116.7 million used to acquire patent assets, \$10.8 million used for the net purchases of short-term investments, and \$3.7 million used to acquire property and equipment. This was partially offset by \$145.9 million received from the sale of investments primarily used to fund the acquisition of Inventus and a \$0.3 million decrease in restricted cash.

Cash used in investing activities for the year ended December 31, 2015 was \$134.9 million, of which \$132.8 million was used to acquire patent assets, \$19.5 million was used for the net purchases of short-term investments, \$2.5 million was used for acquisition of other assets, \$2.2 million was used to acquire property and equipment, and \$0.4 million was used for the final payment of the acquisition of DCML Services Corporation. This was partially offset by \$21.7 million received from the sale of investments, \$0.7 million of proceeds received from the sale of patent assets, and a \$0.2 million decrease in restricted cash.

### **Cash Flows from Financing Activities**

Cash provided by financing activities for the year ended December 31, 2016 was \$32.0 million, resulting from \$100.0 million provided by proceeds from the issuance of long-term debt and \$3.8 million in proceeds from the exercise of stock options. This cash provided by financing activities was partially offset by \$60.1 million used to repurchase our common stock under our share repurchase program, \$4.2 million in tax payments for net-share settlements of RSUs and PBRsUs, \$3.8 million payments of principal on our long-term debt, \$2.0 million used for issuance costs related to our long-term debt, \$1.3 million used for a deferred acquisition payment, and \$0.5 million of cash payments for capital leases.

Cash used in financing activities for the year ended December 31, 2015 was \$21.4 million, resulting from \$26.2 million used to repurchase our common stock under our share repurchase program, \$5.1 million in tax payments for net-share settlements of RSUs and PBRsUs, and \$2.9 million used for repayments of deferred payment obligations, partially offset by \$6.3 million in proceeds from deferred payment obligations, \$5.0 million in proceeds from the exercise of stock options and \$1.6 million in excess tax benefit from stock-based compensation.

### **Contractual Obligations and Commitments**

The following summarizes our non-cancelable minimum payments under contractual obligations and commitments as of December 31, 2016 (in thousands):

	Less Than 1 Year	1 to 3 Years	3 to 5 Years	More Than 5 Years	Total
Operating lease commitments <sup>(1)</sup>	\$ 4,445	\$ 7,826	\$ 743	\$ 611	\$ 13,625
Principal payments on borrowings	6,875	21,250	68,125	—	96,250
Interest payments on borrowings <sup>(2)</sup>	2,916	5,027	2,164	—	10,107
Total	<u>\$ 14,236</u>	<u>\$ 34,103</u>	<u>\$ 71,032</u>	<u>\$ 611</u>	<u>\$ 119,982</u>

<sup>(1)</sup> Operating lease commitments are net of total contractual sublease payments of \$3.3 million.

<sup>(2)</sup> Our long-term debt bears interest which is payable quarterly in arrears at our option equal to either a base rate plus a margin ranging from 1.25% to 1.75% per annum or, at our election, the one-, two-, three-, or six-month London interbank offered rate ("LIBOR") plus a margin ranging from 2.25% to 2.75% per annum, based upon the ratio of our debt to consolidated EBITDA ratio. We estimated future interest payment obligations based on the interest election and LIBOR rate in effect as of December 31, 2016. Further information regarding our long-term debt can be found in Note 11, "Debt" of the Notes to Consolidated Financial Statements in Part II, Item 8 of this Annual Report on Form 10-K.

We lease office facilities under non-cancelable operating leases that expire at various dates through 2024. Our facility leases generally require us to pay operating costs, including property taxes, insurance and maintenance.

In March 2012, we entered into an amended lease agreement related to our San Francisco, California office space. The amendment, which took effect on May 1, 2013, increased the rentable space to approximately 67,000 total square feet and extended the term through October 2019. The monthly base rent payments pursuant to this lease are approximately \$0.3 million per month, increasing to approximately \$0.4 million per month. As of December 31, 2016, our total future minimum payments required under non-cancelable operating leases, net of sublease income, is \$13.6 million, which is included in the table above. In October 2013, we entered into an agreement to sublease a portion of its San Francisco, California office space. This sublease took effect on February 1, 2014 for a 36-month term through January 2017 and was subsequently renewed through October 2019.

As of December 31, 2016, our reserve for uncertain tax positions was \$9.3 million, which includes interest and penalties of \$1.7 million, and was classified as a non-current liability. At this time, we are unable to make a reasonably reliable estimate of the timing of payments in individual years in connection with the tax liabilities; therefore, such amounts are not included in the above contractual obligations table.

In the patent sale transactions that we have completed, we agreed to indemnify and hold harmless the buyer for losses resulting from a breach of representations and warranties made by us. The terms of these indemnification agreements are generally perpetual. The maximum amount of potential future indemnification is unlimited. To date, we have not paid any amounts to settle claims or defend lawsuits. We do not indemnify our clients for patent infringement.

In accordance with our amended and restated bylaws and certain contractual obligations, we also indemnify our Board of Directors and certain officers and employees for certain events or occurrences, subject to certain limits, while the director, officer or employee is or was serving at our request in such capacity. The term of the indemnification period is indefinite. The maximum amount of potential future indemnification is unspecified. We have no reason to believe that there is any material liability for actions, events or occurrences that have occurred to date.

#### ***Issuer Purchases of Equity Securities***

In February 2015, our Board of Directors authorized the repurchase of up to \$75.0 million of our outstanding shares of common stock. In March and May 2016, we increased our share repurchase program by \$25 million and \$50 million, respectively, for a total amount authorized of \$150 million. As part of the share repurchase program, shares may be purchased in open market transactions, including through block purchases, through privately negotiated transactions, or pursuant to any trading plan that may be adopted in accordance with Rule 10b5-1 of the Exchange Act. The timing, manner, price and amount of any repurchases will be determined in our discretion and will depend on factors such as cash generation from operations, other cash requirements, economic and market conditions, stock price and legal and regulatory requirements. The share repurchase program does not have an expiration date and may be suspended, terminated or modified at any time for any reason. The repurchase program does not obligate us to acquire any specific number of shares, and all open market repurchases will be made in accordance with Exchange Act Rule 10b-18, which sets certain restrictions on the method, timing, price and volume of open market stock repurchases. As of December 31, 2016, we had repurchased an aggregate of 7.9 million shares of common stock in the open market for \$86.3 million under the share repurchase program.

#### **Off Balance Sheet Arrangements**

At December 31, 2016, we did not have any relationships with unconsolidated entities or financial partnerships, such as structured finance or special purpose entities, which would have been established for the purpose of facilitating off-balance-sheet arrangements or other contractually narrow or limited purposes.

#### **Recent Accounting Pronouncements**

A full description of recent accounting pronouncements, including the expected dates of adoption and estimated effects on results of operations and financial condition can be found under the heading "Significant Accounting Policies" in Note 2 of the Notes to Consolidated Financial Statements in Part II, Item 8 of this Annual Report on Form 10-K. Such information is incorporated herein by reference.

#### **Item 7A. Quantitative and Qualitative Disclosures about Market Risk.**

Market risk represents the risk of loss that may impact our financial position due to adverse changes in financial market prices and rates. Our market risk exposure is primarily a result of fluctuations in foreign currency exchange rates and interest rates. We do not hold or issue financial instruments for trading purposes.

##### ***Foreign Currency Exchange Risk***

Our subscription agreements are denominated in U.S. dollars and, therefore, our subscription revenue is not currently subject to significant foreign currency risk. Certain of our discovery services operations are denominated in currencies other than the U.S. dollar, primarily the British pound sterling and the Euro, and therefore these operations are exposed to foreign exchange rate fluctuations, particularly in light of the referendum in the United Kingdom in which voters approved an exit from the European Union, commonly referred to as "Brexit," and other recent political developments. Our expenses are incurred primarily in the United States, with a portion of expenses incurred and denominated in the currencies where our international offices are located. Our results of operations and cash flows are subject to fluctuations due to changes in foreign currency exchange rates, particularly changes in the British pound sterling, Japanese yen, and Euro relative to the U.S. dollar, including changes due to Brexit. To date, we have not entered into any foreign currency hedging contracts.

##### ***Interest Rate Sensitivity***

Our exposure to market risk for changes in interest rates relates primarily to our investment portfolio of cash equivalents and short-term investments and our long-term debt.

As of December 31, 2016, we had an outstanding term facility maturing in 2020 with an aggregate carrying amount of \$96.3 million, which bears interest which is payable quarterly in arrears at our option equal to either a base rate plus a margin ranging from 1.25% to 1.75% per annum or, at our election, the one-, two-, three-, or six-month London interbank offered rate ("LIBOR") plus a margin ranging from 2.25% to 2.75% per annum, based upon the ratio of our debt to consolidated EBITDA ratio. The outstanding balance on the Term Facility bore interest during the year ended December 31, 2016 at an average interest rate of 3.0%, which approximates fair value. The Revolving Credit Facility bears a commitment fee on undrawn balances of 0.35% to 0.45% per annum, also based upon our debt to consolidated adjusted EBITDA ratio, that are expensed as incurred. A hypothetical 100 BPS increase or decrease in LIBOR would increase or decrease the interest expense on our term facility by approximately \$0.8 million for the year ended December 31, 2016.

We had cash, cash equivalents and short-term investments of \$191.0 million as of December 31, 2016. Our cash balances deposited in U.S. banks are non-interest bearing and insured up to the Federal Deposit Insurance Corporation ("FDIC") limits. Cash equivalents consist primarily of institutional money market funds and municipal bonds denominated primarily in U.S. dollars. Interest rate fluctuations affect the returns on our invested funds.

As of December 31, 2016, our short-term investments of \$90.9 million were primarily invested in municipal and corporate bonds maturing between 90 days and 12 months, U.S. government and agency securities, commercial paper, and equity securities. As of December 31, 2016, our investments were primarily classified as available-for-sale and, consequently, were recorded at fair value in the consolidated balance sheets with unrealized gains or losses reported as a separate component of stockholders' equity. We review our investments for impairment when events and circumstances indicate that a decline in the fair value of an asset below its carrying value is other-than-temporary. As of December 31, 2016, we had not recorded any impairment charges related to our investments in the consolidated statement of operations.

If overall interest rates had changed by 10% during the year ended December 31, 2016, the fair value of our investments would not have been materially affected.

#### ***Effect of Inflation***

We believe that inflation has not had a material impact on our consolidated results of operations for the year ended December 31, 2016. There can be no assurance that future inflation will not have an adverse impact on our consolidated results of operations or financial condition.

**Item 8. Consolidated Financial Statements and Supplementary Data.**

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## Report of Independent Registered Public Accounting Firm

To the Board of Directors and Stockholders of RPX Corporation

In our opinion, the accompanying consolidated balance sheets and the related consolidated statements of operations, comprehensive income, stockholders' equity, and cash flows present fairly, in all material respects, the financial position of RPX Corporation and its subsidiaries as of December 31, 2016 and 2015, and the results of their operations and their cash flows for each of the three years in the period ended December 31, 2016 in conformity with accounting principles generally accepted in the United States of America. Also in our opinion, the Company maintained, in all material respects, effective internal control over financial reporting as of December 31, 2016, based on criteria established in *Internal Control - Integrated Framework (2013)* issued by the Committee of Sponsoring Organizations of the Treadway Commission (COSO). The Company's management is responsible for these financial statements, for maintaining effective internal control over financial reporting and for its assessment of the effectiveness of internal control over financial reporting, included in Management's Annual Report on Internal Control Over Financial Reporting appearing under Item 9A. Our responsibility is to express opinions on these financial statements and on the Company's internal control over financial reporting based on our integrated audits. We conducted our audits in accordance with the standards of the Public Company Accounting Oversight Board (United States). Those standards require that we plan and perform the audits to obtain reasonable assurance about whether the financial statements are free of material misstatement and whether effective internal control over financial reporting was maintained in all material respects. Our audits of the financial statements included examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements, assessing the accounting principles used and significant estimates made by management, and evaluating the overall financial statement presentation. Our audit of internal control over financial reporting included obtaining an understanding of internal control over financial reporting, assessing the risk that a material weakness exists, and testing and evaluating the design and operating effectiveness of internal control based on the assessed risk. Our audits also included performing such other procedures as we considered necessary in the circumstances. We believe that our audits provide a reasonable basis for our opinions.

A company's internal control over financial reporting is a process designed to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles. A company's internal control over financial reporting includes those policies and procedures that (i) pertain to the maintenance of records that, in reasonable detail, accurately and fairly reflect the transactions and dispositions of the assets of the company; (ii) provide reasonable assurance that transactions are recorded as necessary to permit preparation of financial statements in accordance with generally accepted accounting principles, and that receipts and expenditures of the company are being made only in accordance with authorizations of management and directors of the company; and (iii) provide reasonable assurance regarding prevention or timely detection of unauthorized acquisition, use, or disposition of the company's assets that could have a material effect on the financial statements.

Because of its inherent limitations, internal control over financial reporting may not prevent or detect misstatements. Also, projections of any evaluation of effectiveness to future periods are subject to the risk that controls may become inadequate because of changes in conditions, or that the degree of compliance with the policies or procedures may deteriorate.

As described in Management's Annual Report on Internal Control Over Financial Reporting appearing under Item 9A, management has excluded Inventus Solutions, Inc. from its assessment of internal control over financial reporting as of December 31, 2016 because it was acquired by the Company in a purchase business combination during 2016. We have also excluded Inventus Solutions, Inc. from our audit of internal control over financial reporting. Inventus Solutions, Inc. is a wholly-owned subsidiary whose total assets and total revenues represent 6% and 20%, respectively, of the related consolidated financial statement amounts as of and for the year ended December 31, 2016.

/s/ PricewaterhouseCoopers LLP

San Francisco, California  
February 28, 2017

**RPX Corporation**  
**Consolidated Balance Sheets**  
(in thousands, except par value data)

	December 31,	
	2016	2015
<b>Assets</b>		
Current assets:		
Cash and cash equivalents	\$ 100,111	\$ 94,983
Short-term investments	90,877	231,015
Restricted cash	500	701
Accounts receivable, net	64,395	13,905
Prepaid expenses and other current assets	4,524	12,643
Total current assets	260,407	353,247
Patent assets, net	212,999	254,560
Property and equipment, net	6,948	4,733
Intangible assets, net	56,050	1,801
Goodwill	151,322	19,978
Restricted cash, less current portion	965	727
Other assets	8,337	6,896
Deferred tax assets	38,261	16,619
Total assets	\$ 735,289	\$ 658,561
<b>Liabilities and stockholders' equity</b>		
Current liabilities:		
Accounts payable	\$ 3,197	\$ 959
Accrued liabilities	16,798	14,842
Deferred revenue	118,856	110,921
Deferred payment obligations	—	2,383
Current portion of long-term debt	6,474	—
Other current liabilities	1,484	467
Total current liabilities	146,809	129,572
Deferred revenue, less current portion	11,552	4,731
Deferred tax liabilities	4,023	—
Long-term debt, less current portion	88,110	—
Other liabilities	10,514	7,779
Total liabilities	261,008	142,082
Commitments and contingencies (Note 12)		
Stockholders' equity:		
Preferred stock, \$0.0001 par value — 10,000 shares authorized; none issued and outstanding	—	—
Common stock, \$0.0001 par value — 200,000 shares authorized; 48,776 and 53,489 issued and outstanding as of December 31, 2016 and 2015, respectively	5	5
Additional paid-in capital	360,462	344,610
Retained earnings	130,249	172,115
Accumulated other comprehensive loss	(16,435)	(251)
Total stockholders' equity	474,281	516,479
Total liabilities and stockholders' equity	\$ 735,289	\$ 658,561

*The accompanying notes are an integral part of these consolidated financial statements.*



**RPX Corporation**  
**Consolidated Statements of Operations**  
(in thousands, except per share data)

	Year Ended December 31,		
	2016	2015	2014
Revenue	\$ 333,107	\$ 291,881	\$ 259,335
Cost of revenue	197,262	148,858	124,435
Selling, general, and administrative expenses	100,457	77,428	71,679
Gain on sale of patent assets, net	—	(592)	(707)
Operating income	35,388	66,187	63,928
Interest and other income (expense), net:			
Interest income	506	740	372
Interest expense	(3,015)	—	—
Other expense, net	(570)	(1,428)	(18)
Total interest and other income (expense), net	(3,079)	(688)	354
Income before provision for income taxes	32,309	65,499	64,282
Provision for income taxes	14,074	26,077	24,941
Net income	\$ 18,235	\$ 39,422	\$ 39,341
Net income per share:			
Basic	\$ 0.36	\$ 0.72	\$ 0.74
Diluted	\$ 0.36	\$ 0.71	\$ 0.72
Weighted-average shares used in computing net income per share:			
Basic	50,462	54,432	53,444
Diluted	51,001	55,410	54,818

*The accompanying notes are an integral part of these consolidated financial statements.*

**RPX Corporation**  
**Consolidated Statements of Comprehensive Income**  
**(in thousands)**

	Year Ended December 31,		
	2016	2015	2014
Net income	\$ 18,235	\$ 39,422	\$ 39,341
Other comprehensive income (loss), net of tax:			
Unrealized gains (losses) on available-for-sale investments:			
Unrealized holding gains (losses) arising during the period	97	(572)	(156)
Less: reclassification adjustment for losses included in net income	—	429	—
Net unrealized gains (losses) on available-for-sale investments, net of tax	97	(143)	(156)
Foreign currency translation adjustments	(16,281)	—	—
Comprehensive income	\$ 2,051	\$ 39,279	\$ 39,185

*The accompanying notes are an integral part of these consolidated financial statements.*

**RPX Corporation**  
**Consolidated Statements of Stockholders' Equity**  
(in thousands)

	Common Stock		Additional Paid-in Capital	Retained Earnings	Accumulated Other Comprehensive Income (Loss)	Total Stockholders' Equity
	Shares	Amount				
<b>Balance at December 31, 2013</b>	52,692	\$ 5	\$ 305,343	\$ 119,527	\$ 48	\$ 424,923
Components of comprehensive income, net of tax:						
Net income	—	—	—	39,341	—	39,341
Unrealized loss on available-for-sale investments, net of tax	—	—	—	—	(156)	(156)
Issuance of common stock upon exercise of stock options, vesting of restricted stock units and other common stock issuances	1,188	—	3,163	—	—	3,163
Issuance of common stock related to business acquisition	182	—	3,156	—	—	3,156
Stock-based compensation	—	—	17,747	—	—	17,747
Tax benefit of equity award deductions	—	—	1,799	—	—	1,799
Tax withholdings related to net share settlements of restricted stock units	—	—	(4,928)	—	—	(4,928)
<b>Balance at December 31, 2014</b>	54,062	5	326,280	158,868	(108)	485,045
Components of comprehensive income, net of tax:						
Net income	—	—	—	39,422	—	39,422
Unrealized loss on available-for-sale investments, net of tax	—	—	—	—	(143)	(143)
Issuance of common stock upon exercise of stock options, vesting of restricted stock units and other common stock issuances	1,420	—	5,013	—	—	5,013
Repurchase of common stock	(1,993)	—	—	(26,175)	—	(26,175)
Stock-based compensation	—	—	17,728	—	—	17,728
Tax benefit of equity award deductions	—	—	686	—	—	686
Tax withholdings related to net share settlements of restricted stock units	—	—	(5,097)	—	—	(5,097)
<b>Balance at December 31, 2015</b>	53,489	5	344,610	172,115	(251)	516,479
Components of comprehensive income, net of tax:						
Net income	—	—	—	18,235	—	18,235
Unrealized gain on available-for-sale investments, net of tax	—	—	—	—	97	97
Foreign currency translation adjustments	—	—	—	—	(16,281)	(16,281)
Issuance of common stock upon exercise of stock options, vesting of restricted stock units and other common stock issuances	1,211	—	3,778	—	—	3,778
Repurchase of common stock	(5,924)	—	—	(60,101)	—	(60,101)
Stock-based compensation	—	—	18,378	—	—	18,378
Tax benefit of equity award deductions	—	—	(2,119)	—	—	(2,119)
Tax withholdings related to net share settlements of restricted stock units	—	—	(4,185)	—	—	(4,185)
<b>Balance at December 31, 2016</b>	48,776	\$ 5	\$ 360,462	\$ 130,249	\$ (16,435)	\$ 474,281

*The accompanying notes are an integral part of these consolidated financial statements.*

**RPX Corporation**  
**Consolidated Statements of Cash Flows**  
(in thousands)

	Year Ended December 31,		
	2016	2015	2014
<b>Operating activities</b>			
Net income	\$ 18,235	\$ 39,422	\$ 39,341
Adjustments to reconcile net income to net cash provided by operating activities:			
Depreciation and amortization	171,623	145,835	123,138
Stock-based compensation	18,275	17,594	17,656
Excess tax benefit from stock-based compensation	(103)	(1,593)	(2,598)
Gain on sale of patent assets, net	—	(592)	(707)
Amortization of premium and discount on investments	2,247	6,666	6,585
Deferred taxes	(13,951)	(13,010)	(14,216)
Unrealized foreign currency loss	2,689	—	—
Fair value adjustments on deferred payment obligations	(1,920)	(3,887)	—
Gain on extinguishment of deferred payment obligation	(463)	(3,000)	—
Other-than-temporary impairment of short-term investments	—	5,096	—
Realized loss on exchange of short-term investments	290	3,444	—
Other	2,457	(60)	(500)
Changes in assets and liabilities, net of business acquired:			
Accounts receivable	(39,737)	10,888	14,006
Prepaid expenses and other assets	10,344	(17,651)	3,565
Accounts payable	923	724	(97)
Accrued and other liabilities	1,693	4,631	6,930
Deferred revenue	14,654	(21,284)	(1,634)
Net cash provided by operating activities	187,256	173,223	191,469
<b>Investing activities</b>			
Purchases of investments	(70,980)	(273,853)	(224,548)
Maturities of investments	60,143	254,360	174,650
Sales of investments	145,925	21,650	—
Business acquisition, net of cash acquired	(228,452)	(425)	(2,286)
Decrease in restricted cash	298	247	143
Purchases of property and equipment	(3,667)	(2,163)	(1,511)
Acquisitions of patent assets	(116,742)	(132,834)	(136,968)
Deposit for acquisition of patent assets	—	—	(25,000)
Proceeds from sale of patent assets	—	650	1,086
Acquisition of other assets	—	(2,500)	—
Net cash used in investing activities	(213,475)	(134,868)	(214,434)
<b>Financing activities</b>			
Repayments of principal on deferred payment obligations	—	(2,935)	—
Proceeds from deferred payment obligations	—	6,270	—
Proceeds from issuance of term debt	100,000	—	—
Payment of debt issuance costs	(2,003)	—	—
Repayment of principal on term debt	(3,750)	—	—
Deferred acquisition payment	(1,320)	—	—
Proceeds from exercise of stock options	3,766	4,953	3,159
Taxes paid related to net-share settlements of restricted stock units	(4,185)	(5,097)	(4,928)
Excess tax benefit from stock-based compensation	103	1,593	2,598
Payments of capital leases	(461)	—	—
Repurchase of common stock	(60,101)	(26,175)	—
Net cash provided by (used in) financing activities	32,049	(21,391)	829
Foreign-currency effect on cash and cash equivalents	(702)	—	—
Net increase (decrease) in cash and cash equivalents	5,128	16,964	(22,136)
Cash and cash equivalents at beginning of period	94,983	78,019	100,155
Cash and cash equivalents at end of period	\$ 100,111	\$ 94,983	\$ 78,019

*The accompanying notes are an integral part of these consolidated financial statements.*



**RPX Corporation**  
**Consolidated Statements of Cash Flows (continued)**  
**(in thousands)**

	Year Ended December 31,		
	2016	2015	2014
<b>Supplemental disclosures of cash flow information</b>			
Cash paid for interest	\$ 2,571	\$ —	\$ —
Cash paid for income taxes	\$ 15,078	\$ 23,969	\$ 15,066
<b>Non-cash investing and financing activities</b>			
Change in patent assets purchased and accrued but not paid	\$ (333)	\$ —	\$ (500)
Change in fixed assets purchased and accrued but not paid	\$ 565	\$ —	\$ (166)
Change in other assets purchased and accrued but not paid	\$ —	\$ —	\$ (63)
Patent assets and intangible assets received in barter transactions	\$ 381	\$ 2,203	\$ —
Nonmonetary exchange for investments	\$ —	\$ 5,935	\$ —
Issuance of common stock related to business acquisition	\$ —	\$ —	\$ 3,156
Unpaid cash consideration for business acquisition	\$ —	\$ —	\$ 425

*The accompanying notes are an integral part of these consolidated financial statements.*

**RPX Corporation**  
**Notes to Consolidated Financial Statements**

**1. Nature of Business**

RPX Corporation (also referred to herein as “RPX” or the “Company”) helps companies reduce patent litigation risk and corporate legal expense through two primary service offerings: its patent risk management services and its discovery services.

The Company's patent risk management services help companies reduce patent-related risk and expense through subscription-based patent risk management services that facilitate more efficient exchanges of value between owners and users of patents compared to transactions driven by actual or threatened litigation. The core of the Company's patent risk management services is defensive patent aggregation, in which it acquires patents or licenses to patents that are being or may be asserted against the Company's current or prospective clients. The Company occasionally enters into agreements to acquire covenants not to sue in order to further mitigate its clients' litigation risk. The acquired patents, licenses to patents, patent rights and agreements for covenants not to sue are collectively referred to as “patent assets.” The Company's patent risk management clients pay an annual subscription fee and in return, receive a license from the Company to substantially all of its patent assets and access to its proprietary patent market intelligence and data. In some instances, the Company accepts a payment from a client to finance part or all of an acquisition involving patent assets that may cost more than the Company is prepared to spend with its own capital resources or that are relevant only to a small number of clients. In these instances, the Company facilitates syndicated transactions that include cash contributions from participating clients in addition to their annual subscription fees.

In addition to its subscription-based patent risk management services, the Company underwrites patent infringement liability insurance policies to insure against certain costs of litigation. The Company uses a reinsurance subsidiary company to assume a portion of the underwriting risk on the insurance policies that the Company issues on behalf of a Lloyd's of London underwriting syndicate. As of and for the years ended December 31, 2016, 2015, and 2014, the effect of the insurance policies that the Company has issued or assumed through its reinsurance business was not material to the Company's results of operations, financial condition, or cash flows.

In January 2016, the Company acquired Inventus Solutions, Inc. (“Inventus”), now a wholly owned subsidiary of the Company, and began offering its discovery services which provides technology-enabled services to assist law firms and corporate legal departments manage costs and risks related to the litigation discovery process. The Company's discovery services include data hosting and backup, data processing and collection, project management, document review, and traditional document production. All of these services are designed to streamline the administration of litigation, investigations, and regulatory compliance.

**2. Basis of Presentation and Significant Accounting Policies**

***Basis of Presentation***

These consolidated financial statements have been prepared in accordance with accounting principles generally accepted in the United States (“U.S. GAAP”) and include the accounts of RPX and its wholly owned subsidiaries. All intercompany transactions have been eliminated.

***Use of Estimates***

The preparation of financial statements in conformity with U.S. GAAP requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities, contingent assets and liabilities, and disclosure of contingent assets and liabilities at the date of the consolidated financial statements and reported amounts of revenues and expenses during the reporting period covered by the consolidated financial statements and accompanying notes. The Company bases its estimates on various factors and information which may include, but are not limited to, history and prior experience, expected future results, new related events and current economic conditions, the results of which form the basis for making judgments about the carrying values of assets and liabilities that are not readily apparent from other sources. Actual results could differ materially from those estimates.

Significant estimates and assumptions made by management include the determination of:

- the estimated economic useful lives of patent assets;
- the determination of a best estimated selling price of a subscription and patent infringement liability insurance;
- the fair value of assets acquired and liabilities assumed for business combinations;
- the assumptions and methods used in deriving the fair value of goodwill and intangible assets;
- recognition and measurement of current and deferred income taxes, any related valuation allowances, and uncertain tax positions;

- the fair value of stock awards issued;
- the assumptions and methods used in deriving the fair value of deferred payment obligations;
- the estimated reserves for known and incurred but not reported claims; and
- trade receivable allowance for doubtful accounts.

### **Revenue Recognition**

The Company recognizes revenue in accordance with Financial Accounting Standards Board (“FASB”) Accounting Standards Codification (“ASC”) 605, *Revenue Recognition* (“ASC 605”) and related authoritative guidance.

#### *Patent Risk Management*

The primary source of the Company's revenue from its patent risk management services offering is fees paid by its clients under subscription agreements. The Company believes that the subscription component of its patent risk management service offering comprises a single deliverable and thus it recognizes each subscription fee ratably over the period for which the fee applies. Revenue is recognized net of any discounts or other contractual incentives. The Company starts recognizing revenue when all of the following criteria have been met:

- *Persuasive evidence of an arrangement exists.* All subscription fees are supported by an executed subscription agreement.
- *Delivery has occurred or services have been rendered.* The subscription agreement calls for the Company to provide its patent risk management services over a specific term commencing on the agreement effective date. Because services are not on an individualized basis (i.e., the Company generally performs its services on behalf of all of its clients as opposed to each client individually), delivery occurs automatically with the passage of time. Consequently, the Company recognizes subscription revenue ratably.
- *Seller's price to the buyer is fixed or determinable.* Each client's annual subscription fee is typically based on a rate card in effect at the time of the client's initial agreement. A client's subscription fee is generally determined using its rate card and its normalized operating income, which is defined as the greater of (i) the average of its operating income for the three most recently reported fiscal years and (ii) 5% of its revenue for the most recently reported fiscal year. The fee for the first year of the agreement is typically determined and invoiced at the time of contract execution. The fee for each subsequent year of the agreement is generally calculated and invoiced in advance prior to each anniversary date of the agreement.
- *Collectability is reasonably assured.* Subscription fees are generally collected on or near the effective date of the agreement and again at or near each anniversary date thereof. The Company does not recognize revenue in instances where collectability is not reasonably assured. Generally, the Company's subscription agreements state that all fees paid are non-refundable.

In some limited instances, the subscription agreement includes a contingency clause, giving one or both parties an option to terminate the agreement and receive a full refund if contingencies are not resolved within a defined time period. In those instances, revenue will not be recognized until the contingency has been satisfied. The revenue earned during the period between the effective date of the agreement and the contingency removal date is recognized on the contingency removal date. Thereafter, revenue is recognized ratably over the remaining subscription term.

The Company's patent risk management clients generally receive a term license to, and a release from all prior damages associated with, patent assets in the Company's portfolio. The term license to each patent asset typically converts to a perpetual license at the end of a contractually specified vesting period, provided that the client is a member at such time. The Company does not view the conversion from term license to perpetual license to be a separate deliverable in its arrangements with its clients because the utility of, access to and freedom to practice the inventions covered by the patent asset is no different between a term and perpetual license.

In some instances, the Company accepts a payment from a client to finance part or all of a patent asset acquisition. We refer to such transactions as syndicated acquisitions. The accounting for syndicated acquisitions can be complex and often requires judgments on the part of management as to the appropriate accounting treatment. In accordance with ASC 605-45, *Revenue Recognition: Principal Agent Considerations*, in instances where the Company substantively acts as an agent to acquire patent rights from a seller on behalf of clients who are paying for such rights separately from their subscription agreements, the Company may treat the client payments on a net basis. When treated on a net basis, there may be little or no revenue recognized for such contributions, and the basis of the acquired patent rights may exclude the amounts paid by the contributing client based on our determination that the Company is not the principal in these transactions. In these situations, where the Company substantively acts as an agent, the contributing clients are typically defendants in an active or threatened patent infringement litigation filed by the



owner of a patent. The Company's involvement is to assist our clients to secure a dismissal from litigation and a license to the underlying patents.

Key indicators evaluated to determine the Company's role as either principal or agent in the transaction include, among others:

- the entity to grant the license of the patent(s) is generally viewed as the primary obligor in the arrangement, given that it owns and controls the underlying patent(s) and thus has the absolute authority to grant and deliver any release from past damages and dismissal from litigation, and typically determines the general terms of the license(s) granted;
- the Company generally does not have any inventory risk, as its clients often enter into contractual obligations with the Company prior to or contemporaneous to the Company entering into a contractual obligation with the seller;
- the Company has pricing latitude as it negotiates client contributions, however, this latitude is often limited as the economics of the transaction ultimately depend on the sales price set by the seller;
- the Company is not involved in the determination of the product or service specification and has no ability to change the product or perform any part of the service in connection with these transactions, as the seller owns the underlying patent(s); and
- the Company has limited or no credit risk, as each respective client has a contractually binding obligation, such clients are generally of high credit quality and in some instances, the Company collects the client contribution prior to making a payment to the seller.

In certain syndicated transactions, the Company may recognize revenue upon the sale of licenses to specific patent assets and/or upon completion of the rendering of advisory services.

*Revenue recognition for arrangements with multiple deliverables.* A multiple-element arrangement may include the sale of a subscription to the Company's patent risk management services and an insurance policy to cover certain costs associated with patent infringement litigation, each of which are individually considered separate units of accounting. Each element within a multiple-element arrangement is accounted for as a separate unit of accounting given that the delivered products have value to the customer on a standalone basis. The Company considers a deliverable to have standalone value if the product or service is sold separately by us or another vendor. The delivery of insurance coverage is not dependent on a client's subscription to the Company's patent risk management services. While the Company believes its insurance product offering is unique, its clients are able to purchase insurance coverage as a standalone product from other providers. The Company sells the components of its patent risk management services on a standalone basis.

Multiple deliverables included in an arrangement are separated into different units of accounting and the arrangement consideration is allocated to the identified separate units based on a relative selling price hierarchy. The Company determines the relative selling price for a deliverable based on its best estimate of selling price ("BESP") for its patent risk management services. The Company has determined that vendor-specific objective evidence ("VSOE") and third-party evidence ("TPE") are not available for its patent risk management deliverables.

The Company has determined its BESP for a subscription to our patent risk management services based on the following:

- List price, which represents the rates listed on our annual rate card. The Company publishes a standard rate card annually. Each client's subscription fee is typically calculated using the applicable rate card and its normalized operating income, which is defined as the greater of (i) 5% of the client's most recently reported fiscal year's revenue, and (ii) the average of the three most recently reported fiscal years' operating income of the client. Each client's annual subscription fee is reset annually based on its normalized operating income for its most recently completed fiscal years.

The Company has determined its BESP for its insurance product based on the following:

- Actuarially determined factors. Although the Company sells its insurance product both on a standalone basis and as a component of a multiple-element arrangement, the pricing is not affected by the subscription to our patent risk management services. The Company uses an actuarial model that calculates an individual client's insurance premium based on its projected annual frequency (i.e., number of claims during the policy term) and severity (i.e., the amount which it expects to settle a claim).

### *Discovery Services*

Revenue from the Company's discovery services is primarily generated from the following:

- data hosting fees based on data stored and number of users;
- fees for month-to-month delivery of services, such as data processing (conversion of data into organized, searchable electronic database), project management and data collection services;
- document review services which assist clients in the manual review of data responsive to a legal matter; and
- printing and binding services (paper-based services).

The Company enters into agreements pursuant to which the Company offers various discovery services. Clients are generally billed monthly based on contractual unit prices and volumes for services delivered. The agreements are typically for an indefinite period of time, however, they are cancelable at will by either party. The Company is entitled to all fees incurred for services performed. The majority of the Company's discovery services revenue comes from two types of billing arrangements: usage based and fixed fee.

Usage-based arrangements require the client to pay based upon predetermined unit prices and volumes for data hosing, data processing and paper-based services. Project management and review hours are billed based upon the number of hours worked by certain client service professionals at agreed upon rates.

In fixed-fee billing arrangements, the Company agrees to a pre-established monthly fee over a specified term in exchange for various services. The fees are not tied to the attainment of any contractually defined objectives and the monthly fee is nonrefundable.

Based on an evaluation of the discovery services delivered to each client, the Company has determined that each deliverable has stand-alone value to the client as each of the Company's discovery services can be sold on a stand-alone basis by the Company and the discovery services are available from other vendors. Additionally, discovery services do not carry a significant degree of risk or unique acceptance criteria that would require a dependency on the performance of future services. The Company recognizes revenue from these arrangements based on contractually stated prices. The Company allocates revenue to the various units of accounting in its arrangements based on the best estimate of selling price for each unit of accounting, which are consistent with the stated prices in those arrangements.

Based on an evaluation of the discovery services delivered to each client, the Company determined each deliverable has stand-alone value to the client as each of its discovery services can be sold on a stand-alone basis by the Company and the discovery services are available from other vendors. Additionally, discovery services do not carry a significant degree of risk or unique acceptance criteria that would require a dependency on the performance of future services.

The Company determines the relative selling price for a discovery services deliverable based on its VSOE, if available, or its BESP, if VSOE is not available. The Company has determined that TPE is not a practical alternative due to differences in its service offerings compared to other parties and the availability of relevant third-party pricing information. The Company allocates revenue to the various units of accounting in its arrangements based on the best estimate of selling price for each unit of accounting, which are consistent with the stated prices in those arrangements.

The Company's discovery services arrangements do not include any substantive general rights of return or other contingencies.

Sales and value added taxes collected from clients are not considered revenue and are included in accrued liabilities in the Company's consolidated balance sheets until remitted to the taxing authorities.

### *Accounting for Payments to Clients*

The Company occasionally agrees to provide payments, discounts or other contractual incentives to clients in exchange for specified consideration. The Company accounts for such contract provisions in accordance with ASC 605-50, *Revenue Recognition: Customer Payments and Incentives*, which requires the Company to offset the amount of the payment, discount or other contractual incentive against revenue if the Company is unable to demonstrate both receipt of an identifiable benefit and determine the fair value of the benefit received.

### *Deferred Revenue*

The Company generally invoices its patent risk management clients upon execution of a new agreement and prior to their anniversary date for existing agreements. The Company records the amount of fees billed as deferred revenue and recognizes such amounts as revenue ratably over the period for which they apply. The Company typically records deferred revenue when it has the legal right to bill amounts owed and the applicable service period has commenced. In an instance where a term has commenced but

the fees have not yet been invoiced, the Company records an unbilled receivable. Deferred revenue that will be recognized during the succeeding 12-month period from the respective balance sheet date is recorded as deferred revenue, current, and the remaining portion is recorded as non-current.

### ***Accounts Receivable***

Accounts receivable are recorded at the invoiced amount and are non-interest bearing. The Company maintains an allowance for doubtful accounts to reserve for potentially uncollectible receivables. The allowance for doubtful accounts is based on the expected ability to collect accounts receivable. The Company reviews accounts receivable to identify amounts due from clients which are past due to identify specific clients with known disputes or collectability issues. In determining the allowance for doubtful accounts, the Company makes judgments about the creditworthiness of significant customers based on ongoing credit evaluations. The Company's allowance for doubtful accounts was \$0.9 million and nil as of December 31, 2016 and 2015, respectively.

### ***Concentration of Risk***

The Company is subject to concentrations of credit risk principally attributable to cash, cash equivalents, investments, accounts receivable and other receivables. The Company's non-restricted cash balances deposited in U.S. banks are non-interest bearing and are insured up to the Federal Deposit Insurance Corporation ("FDIC") limits. Cash equivalents primarily consist of institutional money market funds and municipal bonds denominated primarily in U.S. dollars. Investment policies have been implemented that limit purchases of debt securities to investment-grade securities.

As of December 31, 2016, one client individually accounted for 39% of accounts receivable. Three clients individually accounted for 32%, 18%, and 14% of accounts receivables at December 31, 2015. No client accounted for 10% or more of revenue in any of the years ended December 31, 2016, 2015 or 2014.

### ***Fair Value Measurements***

The Company applies fair value accounting for all financial assets and liabilities and non-financial assets and liabilities that are recognized or disclosed at fair value in the financial statements on a recurring basis. The Company defines fair value as the price that would be received from selling an asset or that would be paid to transfer a liability in an orderly transaction between market participants at the measurement date. When determining the fair value measurements for assets and liabilities, which are required to be recorded at fair value, the Company considers the principal or most advantageous market in which the Company would transact and the market-based risk measurements or assumptions that market participants would use in pricing the asset or liability, such as risks inherent in valuation techniques, transfer restrictions and credit risk. Fair value is estimated by applying the following hierarchy, which prioritizes the inputs used to measure fair value into three levels and bases the categorization within the hierarchy upon the lowest level of input that is available and significant to the fair value measurement:

*Level 1* – Valuations based on quoted prices in active markets for identical assets or liabilities and readily accessible by the Company at the reporting date.

*Level 2* – Valuations based on inputs other than quoted prices included within Level 1 that are observable for assets or liabilities, either directly or indirectly through market corroboration, for substantially the full term of the financial instrument.

*Level 3* – Valuations based on inputs that are unobservable.

The carrying amounts of the Company's financial instruments, which include cash equivalents, short-term investments, accounts receivable, other receivables and accounts payable, approximate their fair values due to their short maturities. The carrying amounts of the Company's deferred payment obligations held as of December 31, 2015 were valued using Level 3 valuation techniques which approximate fair value.

### ***Cash and Cash Equivalents***

The Company's cash and cash equivalents principally consist of institutional money market funds and municipal bonds denominated primarily in U.S. dollars. Cash equivalents are highly liquid, short-term investments having an original maturity of 90 days or less that are readily convertible to known amounts of cash.

### ***Restricted Cash***

Restricted cash consists primarily of certificates of deposit established as collateral for the Company's office lease agreements as well as amounts held in trust. At December 31, 2016 and 2015, the Company had restricted cash (current and non-current) of \$1.5 million and \$1.4 million, respectively.

### ***Short-Term Investments***

The Company holds short-term investments in municipal and corporate bonds primarily maturing between 90 days and 12 months, commercial paper, U.S. government and agency securities, and equity securities. The Company considers its investments as available to support current operations. As a result, the Company classifies its investments, including those with stated maturities beyond twelve months, as current assets in the accompanying consolidated balance sheets. The Company primarily classifies these securities as "available-for-sale" and carries them at fair value in the consolidated balance sheets. Unrealized gains or losses are recorded, net of estimated taxes, in accumulated other comprehensive income (loss), a component of stockholders' equity. Realized gains and losses are recognized upon sale or exchange. The specific identification method is used to determine the cost basis of fixed income securities sold.

The Company periodically evaluates its investments for impairment due to declines in market value considered to be "other-than-temporary." This evaluation consists of several qualitative and quantitative factors, including the Company's ability and intent to hold the investment until a forecasted recovery occurs, as well as any decline in the investment quality of the security and the severity and duration of the unrealized loss. In the event of a determination that a decline in market value is other-than-temporary, the Company will recognize an impairment loss, and a new cost basis in the investment will be established. During the years ended December 31, 2016 and 2015, the Company recorded an other-than-temporary impairment on its short-term investments of nil and \$5.1 million, respectively, in its consolidated statements of operations within other expense, net.

### ***Property and Equipment, Net***

Property and equipment are stated at cost less accumulated depreciation. Depreciation is computed using a straight-line method over the estimated useful lives of the related assets, which are generally three to five years. Maintenance and repairs are charged to expense as incurred, and improvements and betterments are capitalized. When assets are retired or otherwise disposed of, the cost and accumulated depreciation are removed from the consolidated balance sheet and any resulting gain or loss is reflected in the consolidated statement of operations in the period realized. Leasehold improvements are amortized on a straight-line basis over the term of the lease, or the useful life of the assets, whichever is shorter.

### ***Internal-Use Software and Website Development Costs***

The Company capitalizes development costs related to internal-use software and its website and records such amounts as property and equipment, net, in its consolidated balance sheets. These costs include personnel-related expenses and consultant fees incurred during the application development stages of the project. Costs related to preliminary project activities, minor enhancement and maintenance, and post implementation activities are expensed as incurred. Internal-use software is amortized on a straight-line basis over its useful life, which is generally three years, beginning on the date the software is placed into service. Management evaluates the useful lives of these assets on an annual basis and tests for impairment whenever events or changes in circumstances occur that could impact the recoverability of these assets.

During the years ended December 31, 2016, 2015 and 2014, the Company capitalized \$1.3 million, \$2.3 million, and \$1.2 million, respectively, of internal-use software and website development costs. Amortization of internal-use software was \$1.5 million, \$1.1 million, \$1.3 million for the years ended December 31, 2016, 2015 and 2014, respectively.

### ***Patent Assets, Net***

The Company generally acquires patent assets from third parties using cash. Patent assets are recorded at fair value at acquisition. The fair value of the assets acquired is generally based on the fair value of the consideration exchanged. The asset value includes the cost of external legal and other fees associated with the acquisition of the assets. Costs incurred to maintain and prosecute patents and patent applications are expensed as incurred.

Because each client generally receives a license to the majority of the Company's patent assets, the Company is unable to reliably determine the pattern over which its patent assets are consumed. As a result, the Company amortizes each patent asset on a straight-line basis. The amortization period is equal to the asset's estimated economic useful life. Estimating the economic useful life of patent assets requires significant management judgment. The Company considers various factors in estimating the economic useful lives of its patent assets, including the remaining statutory life of the underlying patents, the applicability of the assets to future clients, the vesting period for current clients to obtain perpetual licenses to such patent assets, any contractual commitments by clients that are related to such patent assets, its estimate of the period of time during which the Company may sign subscription

agreements with prospective clients that may find relevance in the patent assets, and the remaining contractual term of the Company's existing clients at the time of acquisition. In certain instances, where the Company acquires patent assets and secures related client committed cash flows that extend beyond the statutory life of the underlying patent assets, the useful life may extend beyond the statutory life of the patent assets. As of December 31, 2016, the estimated economic useful life of the Company's patent assets generally ranged from 24 to 60 months. The weighted-average estimated economic useful life of patent assets acquired since inception was 41 months. The weighted-average estimated economic useful life of patent assets acquired during the year ended December 31, 2016 was 27 months. The Company periodically evaluates whether events and circumstances have occurred that may warrant a revision to the remaining estimated useful life of its patent assets.

In some instances, the Company accepts a payment from a client to finance part or all of an acquisition involving patent assets that may cost more than the Company is prepared to spend with its own capital resources or that are relevant only to a small number of clients. In these instances, the Company facilitates syndicated transactions that include cash contributions from participating clients in addition to their annual subscription fees.

In instances where the Company sells patent assets, the amount of consideration received is compared to the asset's carrying value to determine and recognize a gain or loss, which is recorded within Gain on sale of patent assets, net in the Company's consolidated statements of operations.

#### ***Impairment of Long-Lived Assets***

The Company assesses the recoverability of its long-lived assets, which includes patent assets, other intangible assets and property and equipment, when events or changes in circumstances indicate their carrying value may not be recoverable. Such events or changes in circumstances may include: a significant adverse change in the extent or manner in which a long-lived asset is being used, a significant adverse change in legal factors or in the business climate that could affect the value of a long-lived asset, an accumulation of costs significantly in excess of the amount originally expected for the acquisition or development of a long-lived asset, current or future operating or cash flow losses that demonstrate continuing losses associated with the use of a long-lived asset or a current expectation that, more-likely-than-not, a long-lived asset will be sold or otherwise disposed of significantly before the end of its previously estimated useful life. The Company licenses a majority of the portfolio of patent assets to all of its membership clients and thus views these assets as a single asset group. The Company assesses recoverability of a long-lived asset by determining whether the carrying value of these assets can be recovered through projected undiscounted cash flows. If the carrying value of the assets exceeds the forecasted undiscounted cash flows, an impairment loss is recognized, and is recorded as the amount by which the carrying value exceeds the estimated fair value. An impairment loss is charged to operations in the period in which management determines such impairment. To date, there have been no impairments of long-lived assets identified.

#### ***Goodwill***

The Company reviews goodwill for impairment annually or more frequently if events or changes in circumstances indicate that the carrying value of goodwill may not be recoverable. For the year ended December 31, 2016, the Company used both the qualitative assessment and the two-step goodwill impairment test to assess whether or not the goodwill of its reporting units was impaired under ASC Topic 350, *Intangibles - Goodwill & Other* ("ASC Topic 350"), issued by the FASB. A company may first assess the qualitative factors to determine whether it is more likely than not that the fair value of its reporting unit is less than its carrying amount as a basis for determining whether it is necessary to perform the two-step goodwill impairment. If the two-step goodwill impairment test is performed, the first step in identifying a potential impairment compares the fair value of the reporting unit with its carrying amount. Such valuations require management to make significant estimates and assumptions, especially with respect to intangible assets. Significant estimates in valuing certain intangible assets include, but are not limited to, future expected cash flows from acquired clients, acquired technology, and trade names from a market participant perspective, useful lives, and discount rates. If the carrying amount of a reporting unit exceeds its fair value, the second step would need to be performed; otherwise, no further step is required. The second step, measuring the impairment loss, compares the implied fair value of the reporting unit's goodwill with the carrying amount of that goodwill. Any excess of the goodwill carrying amount over the implied fair value is recognized as an impairment charge, and the carrying value of goodwill is written down to fair value.

No impairment charges were recorded as a result of the Company's 2016, 2015, and 2014 annual impairment analyses.

#### ***Intangible Assets, Net***

Intangible assets, net primarily consists of intangible assets acquired through business combinations. Such assets are capitalized and amortized on a straight-line basis over their estimated useful lives. Intangible assets, net excludes patent related intangible assets, which are recorded within patent assets, net in the consolidated balance sheets.

### ***Advertising Costs***

The Company expenses advertising costs as they are incurred. Advertising expenses were not material for any of the periods presented.

### ***Foreign Currency Accounting***

The functional currencies of the Company's international subsidiaries are the U.S. dollar and British pound sterling. The Company's primary foreign subsidiary uses the local currency of its respective country as its functional currency. Assets and liabilities are translated into U.S. dollars using exchange rates prevailing at the balance sheet date, while revenues and expenses are translated at average exchange rates during the year. Gains and losses resulting from the translation of our consolidated balance sheet are recorded as a component of accumulated other comprehensive income (loss).

Gains and losses from foreign currency transactions are recognized in other expense, net in the consolidated statements of operations.

### ***Income Taxes***

The Company accounts for income taxes using an asset and liability approach, which requires the recognition of deferred tax assets or liabilities for the tax-effected temporary differences between the financial reporting and tax bases of its assets and liabilities and for net operating loss and tax credit carryforwards. Deferred tax assets and liabilities are measured using enacted tax rates expected to apply to taxable income in the years in which those temporary differences are expected to be recovered or settled. The measurement of deferred tax assets is reduced, if necessary, by the amount of any tax benefits that, based on available evidence, are not expected to be realized.

The Company assesses the likelihood that its deferred tax assets will be recovered from future taxable income, and to the extent the Company believes that recovery is not likely, the Company establishes a valuation allowance. Judgment is required in determining the Company's provision for income taxes, deferred tax assets and liabilities, and any valuation allowance recorded against the net deferred tax assets. The Company applied a valuation allowance of \$0.9 million and \$1.1 million against its deferred tax balances at December 31, 2016 and 2015, respectively.

The calculation of the Company's tax liabilities involves uncertainties in the application of complex tax laws and regulations in a multitude of jurisdictions across its global operations. ASC 740, *Income Taxes* ("ASC 740") provides that a tax benefit from an uncertain tax position may be recognized when it is more-likely-than-not that the position will be sustained upon examination, including resolutions of any related appeals or litigation processes, on the basis of the technical merits. ASC 740 also provides guidance on measurement, derecognition, classification, interest and penalties, accounting in interim periods, disclosure and transition.

The Company recognizes tax liabilities in accordance with ASC 740 and adjusts these liabilities when its judgment changes as a result of the evaluation of new information not previously available. Because of the complexity of some of these uncertainties, the ultimate resolution may result in a payment that is materially different from its current estimate of the tax liabilities. These differences will be reflected as increases or decreases to income tax expense in the period in which new information is available.

The tax expense or benefit for extraordinary items, unusual or infrequently occurring items and items that do not represent a tax effect of current-year ordinary income are treated as discrete items and recorded in the interim period in which the events occur.

### ***Stock-Based Compensation***

The Company accounts for stock-based compensation for equity-settled awards issued to employees and directors under ASC 718, *Compensation-Stock Compensation* ("ASC 718"). ASC 718 requires that stock-based compensation expense for equity-settled awards made to employees and directors be measured based on the estimated grant date fair value and recognized over the requisite service period. These equity-settled awards include stock options, restricted stock units ("RSUs") and performance-based RSUs which include a service condition, some of which also include a market condition or performance condition ("PBRsUs").

The fair value of stock options is estimated as of the date of grant using the Black-Scholes option-pricing model. The fair value of RSUs is estimated based on the fair market value of the Company's common stock on the date of grant. For stock options and RSUs, the fair value of award that is expected to vest is recognized as compensation expense on a straight-line basis over the requisite service period. Because stock-based compensation expense is based on awards ultimately expected to vest, it reflects estimated forfeitures. Forfeitures are estimated at the time of grant and revised, if necessary, in subsequent periods if actual

forfeitures differ from initial estimates. Previously recognized expense is reversed for the portion of awards forfeited prior to vesting.

The fair value of PBRsUs that include performance conditions is estimated by reference to the fair value of the underlying shares on the date of grant. The fair value of PBRsUs that include market conditions is estimated as of the date of grant using the Monte-Carlo simulation model. Stock-based compensation expense for PBRsUs is recognized over the derived service period for each tranche (or market or performance condition). Because the Company's PBRsUs have multiple derived service periods, it uses the graded-vesting attribution method. The graded vesting attribution method requires a company to recognize compensation expense over the requisite service period for each vesting tranche of the award as though the award were, in substance, multiple awards. The compensation expense for PBRsUs with market conditions will only be reversible if the employee terminates prior to completing the requisite service periods for these awards (i.e., compensation expense will not be reversed if the market condition is not met). For PBRsUs that include performance conditions, the Company only recognizes compensation expense for those awards which vesting is determined to be probable upon satisfaction of certain performance criteria.

Estimates of the fair value of equity-settled awards as of the grant date using valuation models, such as the Black-Scholes option-pricing model and a Monte-Carlo simulation model, are affected by assumptions regarding a number of complex variables. Changes in the assumptions can materially affect the fair value and ultimately how much stock-based compensation expense is recognized. These inputs are subjective and generally require significant analysis and judgment to develop. For all stock options granted to date, the Company calculated the expected term using the SEC simplified method. The Company had limited information on its past volatility and had a limited operating history. Therefore, it had estimated the volatility data based on a study of publicly traded industry peer companies. For purposes of identifying these peer companies, the Company considered the industry, stage of development, size and financial leverage of potential comparable companies. As of the second quarter of 2014, the Company concluded that it had obtained sufficient historical information and, accordingly, ceased use of calculating the expected term using the SEC simplified method and estimated volatility based on peer companies. Starting the third quarter of 2014, the Company's expected term calculation is based on historical exercise patterns and post-vesting termination behavior. Volatility is calculated based on the implied volatility of the Company's publicly traded stock. The Company has not granted any stock options since making these changes. The risk-free interest rate is based on the yield available on U.S. Treasury zero-coupon issues similar in duration to the expected term of the equity-settled award.

### ***Business Combinations***

The Company applies the provisions of ASC 805, *Business Combinations* ("ASC 805"), in the accounting for its business acquisitions. ASC 805 requires companies to recognize goodwill separately from the assets acquired and liabilities assumed, which are valued at their acquisition date fair values. Goodwill as of the acquisition date represents the excess of the purchase price over the fair values of the assets acquired and the liabilities assumed.

The Company uses significant estimates and assumptions, including fair value estimates, to determine fair value of assets acquired, liabilities assumed and, when applicable, the related useful lives of the acquired assets, as of the business combination date. When those estimates are provisional, the Company refines them as necessary during the measurement period. The measurement period is the period after the acquisition date, not to exceed one year, in which the Company may gather new information about facts and circumstances that existed as of the acquisition date to adjust the provisional amounts recognized. Measurement period adjustments are applied retrospectively. All other adjustments are recorded in the consolidated statements of operations.

### ***Reserves for Known and Incurred but not Reported Claims***

Reserves for known and incurred but not reported claims represent estimated claims costs and related expenses for patent infringement liability insurance policies in effect. Reserves for known claims are established based on individual case estimates. The Company uses actuarial models and techniques to estimate the reserve for incurred but not reported claims.

Loss expense for known and incurred but not reported claims are charged to earnings after deducting recoverable amounts under our reinsurance contract. Loss expense for known and incurred but not reported claims associated with policies that the Company issued on behalf of a Lloyd's of London underwriting syndicate are charged to earnings for the portion of the underwriting risk that the Company assumes.

### ***Recent Accounting Pronouncements***

In November 2016, the Financial Accounting Standards Board ("FASB") issued Accounting Standards Update ("ASU") 2016-18, *Statement of Cash Flows: Restricted Cash* ("ASU 2016-18"). The standard addresses the diversity in practice that exists in the classification and presentation of changes in restricted cash and requires that a statement of cash flows explain the change during the period in the total of cash, cash equivalents, and amounts generally described as restricted cash or restricted cash

equivalents. ASU 2016-18 is effective retrospectively for fiscal years and interim periods within those years beginning after December 15, 2017. The Company does not expect the adoption of this guidance to have a material impact on its consolidated financial statements.

In October 2016, the FASB issued ASU No. 2016-16, *Income Taxes: Intra-Entity Transfers of Assets Other than Inventory* which removes the prohibition against the recognition of current and deferred income tax effects of intra-entity transfers of assets other than inventory until the asset has been sold to an outside party. This ASU is effective for fiscal years and interim periods within those years beginning after December 15, 2017. The Company does not expect the adoption of this guidance to have a material impact on its consolidated financial statements.

In August 2016, the FASB issued ASU 2016-15 Statement of Cash Flows (Topic 230): *Classification of Certain Cash Receipts and Cash Payments* ("ASU 2016-15"). The standard is intended to eliminate diversity in practice in how certain cash receipts and cash payments are presented and classified in the statement of cash flows. ASU 2016-15 will be effective for fiscal years beginning after December 15, 2017. Early adoption is permitted for all entities. The Company is currently evaluating the impact of this guidance on its consolidated financial statements.

In June 2016, the FASB issued ASU 2016-13, *Financial Instruments -- Credit Losses* ("ASU 2016-13") on measurement of credit losses on financial instruments. This ASU requires financial assets measured at amortized cost to be presented at the net amount expected to be collected and available-for-sale debt securities to record credit losses through an allowance for credit losses. ASU 2016-13 will be effective for fiscal years, and interim periods within those fiscal years, beginning after December 15, 2019. Early adoption is permitted as early as of the fiscal years beginning after December 15, 2018. The Company is currently evaluating the impact of this guidance on its consolidated financial statements.

In March 2016, the FASB issued ASU 2016-09, *Improvements to Employee Share-Based Payment Accounting* ("ASU 2016-09"). This ASU affects entities that issue share-based payment awards to their employees. ASU 2016-09 is designed to simplify several aspects of accounting for share-based payment award transactions that include the income tax consequences, classification of awards as either equity or liabilities, classification on the statement of cash flows, and forfeiture rate calculations. ASU 2016-09 will become effective for annual and interim periods beginning after December 15, 2016 and early adoption is permitted in any interim or annual period. The Company is currently evaluating the impact of this guidance on its consolidated financial statements.

In February 2016 the FASB issued ASU 2016-02, *Leases (Topic 842)* ("ASU 2016-02"), which requires lessees to put most leases on their balance sheets but recognize the expenses on their income statements in a manner similar to current practice. ASU 2016-02 states that a lessee would recognize a lease liability for the obligation to make lease payments and a right-to-use asset for the right to use the underlying asset for the lease term. The new standard is effective for interim and annual periods beginning after December 15, 2018 and early adoption is permitted. The Company is currently evaluating the impact of this guidance on its consolidated financial statements.

In January 2016, the FASB issued ASU 2016-01, *Financial Instruments - Overall (Subtopic 825-10) - Recognition and Measurement of Financial Assets and Financial Liabilities* ("ASU 2016-01"), which amends guidance related to certain aspects of the recognition, measurement, presentation, and disclosure of financial instruments. This update is effective for fiscal years beginning after December 15, 2018, and interim periods in those years. Early adoption is permitted. The Company is currently evaluating the impact of this guidance on its consolidated financial statements.

In May 2014, the FASB issued ASU 2014-09, *Revenue from Contracts with Customers (Topic 606)* ("ASU 2014-09"), which will supersede most existing revenue recognition guidance in U.S. GAAP once it becomes effective. ASU 2014-09 requires an entity to recognize revenue when promised goods or services are transferred to customers in an amount that reflects the consideration that is expected to be received for those goods or services. ASU 2014-09 defines a five-step process to achieve this core principle and, in doing so, it is possible more judgment and estimates may be required within the revenue recognition process than are required under existing U.S. GAAP including identifying performance obligations in the contract, estimating the amount of variable consideration to include in the transaction price and allocating the transaction price to each separate performance obligation. Entities have the option of using either a full retrospective or modified retrospective approach to adopt the new standards. In March 2016, the FASB issued ASU 2016-08, *Revenue from Contracts with Customers (Topic 606): Principal versus Agent Considerations (Reporting Revenue Gross versus Net)*, which clarifies the implementation guidance for gross versus net considerations in ASU 2014-09. In April 2016, the FASB issued ASU 2016-10, *Revenue from Contracts with Customers (Topic 606): Identifying Performance Obligations and Licensing*, which amends the guidance in ASU 2014-09 related to identifying performance obligations and accounting for licenses of intellectual property. In May 2016, the FASB issued ASU 2016-12, *Revenue from Contracts with Customers (Topic 606): Narrow-Scope Improvements and Practical Expedients*, which provides clarification on assessing the collectability criterion, presentation of sales taxes, measurement date for noncash



consideration, and completed contracts at transition. In December 2016, the FASB issued ASU 2016-20, *Technical Corrections and Improvements to Topic 606, Revenue from Contracts with Customers*, which provides various technical corrections and clarifications to ASU 2014-09. All of these aforementioned ASUs will be effective for annual and interim periods beginning after December 15, 2017 and early adoption is permitted for annual and interim periods beginning after December 15, 2016. The Company expects to complete its assessment process, including identifying its performance obligations and selecting a transition method for adoption, by the end of the second quarter of 2017 along with its implementation process prior to the adoption of this ASU on January 1, 2018.

### 3. Net Income Per Share

Basic and diluted net income per share are computed by dividing net income by the weighted-average number of shares of common stock outstanding during the period. Diluted net income per share is computed by using the weighted-average number of shares of common stock outstanding during the period, including potentially dilutive shares. Potentially dilutive shares include outstanding stock options, RSUs, and PBRsUs. The dilutive effect of potentially dilutive shares is reflected in diluted earnings per share by application of the treasury stock method. Under the treasury stock method, an increase in the fair value of the Company's common stock can result in a greater dilutive effect from potentially dilutive shares.

The following table presents the calculation of basic and diluted net income per share (in thousands, except for per share data):

	Year Ended December 31,		
	2016	2015	2014
Net income per share:			
Numerator:			
Net income	\$ 18,235	\$ 39,422	\$ 39,341
Denominator:			
Basic shares:			
Weighted-average shares used in computing basic net income per share	50,462	54,432	53,444
Diluted shares:			
Weighted-average shares used in computing basic net income per share	50,462	54,432	53,444
Dilutive effect of stock options and restricted stock units using treasury-stock method	539	978	1,374
Weighted-average shares used in computing diluted net income per share	51,001	55,410	54,818
Net income per share:			
Basic	\$ 0.36	\$ 0.72	\$ 0.74
Diluted	\$ 0.36	\$ 0.71	\$ 0.72

For the years ended December 31, 2016, 2015 and 2014 the following securities were not included in the calculation of diluted shares outstanding, as the effect would have been anti-dilutive (in thousands):

	Year Ended December 31,		
	2016	2015	2014
Weighted-average:			
Stock options outstanding	—	663	767
Restricted stock units outstanding	2	263	100

#### 4. Financial Instruments

The following tables present the Company's financial assets and liabilities measured at fair value on a recurring basis (in thousands):

December 31, 2016							
	Amortized Cost	Unrealized		Estimated Fair Value	Level 1	Level 2	Level 3
		Gains	Losses				
<b>Assets:</b>							
Cash equivalents:							
Money market funds	\$ 30,286	\$ —	\$ —	\$ 30,286	\$ 30,286	\$ —	\$ —
Municipal bonds	3,070	—	—	3,070	—	3,070	—
	<u>\$ 33,356</u>	<u>\$ —</u>	<u>\$ —</u>	<u>\$ 33,356</u>	<u>\$ 30,286</u>	<u>\$ 3,070</u>	<u>\$ —</u>
Short-term investments:							
Commercial paper	\$ 4,296	\$ —	\$ (3)	\$ 4,293	\$ —	\$ 4,293	\$ —
Corporate bonds	10,856	—	(13)	10,843	—	10,843	—
Equity securities	123	—	(78)	45	45	—	—
Municipal bonds	55,723	—	(65)	55,658	—	55,658	—
U.S. government and agency securities	20,033	9	(4)	20,038	20,038	—	—
	<u>\$ 91,031</u>	<u>\$ 9</u>	<u>\$ (163)</u>	<u>\$ 90,877</u>	<u>\$ 20,083</u>	<u>\$ 70,794</u>	<u>\$ —</u>
December 31, 2015							
	Amortized Cost	Unrealized		Estimated Fair Value	Level 1	Level 2	Level 3
		Gains	Losses				
<b>Assets:</b>							
Cash equivalents:							
Commercial paper	\$ 7,997	\$ —	\$ —	\$ 7,997	\$ —	\$ 7,997	\$ —
Municipal bonds	1,635	—	—	1,635	—	1,635	—
Money market funds	54,663	—	—	54,663	54,663	—	—
	<u>\$ 64,295</u>	<u>\$ —</u>	<u>\$ —</u>	<u>\$ 64,295</u>	<u>\$ 54,663</u>	<u>\$ 9,632</u>	<u>\$ —</u>
Short-term investments:							
Municipal bonds	\$ 133,033	\$ —	\$ (96)	\$ 132,937	\$ —	\$ 132,937	\$ —
Commercial paper	5,493	—	(3)	5,490	—	5,490	—
Corporate bonds	30,488	3	(93)	30,398	—	30,398	—
Equity securities	123	—	—	123	123	—	—
U.S. government and agency securities	61,559	—	(62)	61,497	—	61,497	—
	<u>\$ 230,696</u>	<u>\$ 3</u>	<u>\$ (254)</u>	<u>\$ 230,445</u>	<u>\$ 123</u>	<u>\$ 230,322</u>	<u>\$ —</u>
<b>Liabilities:</b>							
Current liabilities:							
Deferred payment obligations	\$ 6,270	\$ 3,887	\$ —	\$ 2,383	\$ —	\$ —	\$ 2,383

The Company's financial investments are generally classified as available-for-sale. Available-for-sale securities are reported at fair value, with unrealized gains and losses, net of tax, included as a separate component of stockholders' equity within accumulated other comprehensive income (loss). During the years ended December 31, 2016, 2015, 2014, the Company realized losses on the sales and exchanges of short-term investments of \$0.3 million, \$3.4 million, and nil, respectively, and other-than-temporary impairments on its short-term investments of nil, \$5.1 million, and nil, respectively, which are included in the consolidated statements of operations within other expense, net.

As of December 31, 2016 and 2015, approximately 96% and 87%, respectively, of our marketable security investments mature within one year and 4% and 13%, respectively, mature within one to five years. As of December 31, 2016, no individual securities incurred continuous unrealized losses for greater than 12 months.

As of December 31, 2016 and 2015, the Company had short-term cost method investments of nil and \$0.6 million, respectively. Cost method investments are recorded at amortized cost in short-term investments in the Company's consolidated balance sheets.

In connection with the Rockstar Transaction (see Note 12, "Commitments and Contingencies"), the Company received funding of \$6.3 million from a syndicate participant which the Company settled during the year ended December 31, 2016.

### **Level 3 Valuation Techniques**

Level 3 financial liabilities as of December 31, 2015 consisted of a repayment obligation to a third party for which determination of fair value required significant judgment and estimation. Balances categorized within Level 3 of the fair value hierarchy were analyzed each period for changes in estimates or assumptions and recorded as the Company deemed appropriate.

As of December 31, 2015, the Company used the Black-Scholes option valuation model to estimate the fair value of the deferred payment obligation entered into in the Rockstar Transaction. This model incorporated assumptions about details such as the value of underlying securities, expected terms, maturity, risk-free interest rates, as well as volatility. A significant change in volatility and expected term could result in a significant change in fair value. The risk-free interest rate was based on the implied yield currently available on U.S. Treasury zero coupon issues with an equivalent remaining term at the measurement date. The expected volatility was calculated using the standard deviation of the underlying security's weekly returns over the estimated period of time to take to settle the liability. The expected term of the liability was determined by the estimated settlement date of the liability. Changes in the fair value were recorded in other expense, net in the Company's consolidated statements of operations. As of December 31, 2016, the Company no longer holds any Level 3 financial assets or liabilities (see Note 12, "Commitments and Contingencies").

## **5. Patent Assets, Net**

Patent assets, net consisted of the following (in thousands):

	<b>December 31, 2015</b>	<b>Additions</b>	<b>Disposals</b>	<b>December 31, 2016</b>
Patent assets	\$ 824,258	\$ 117,457	\$ (9,432)	\$ 932,283
Accumulated amortization	(569,698)	(158,814)	9,228	(719,284)
Patent assets, net	<u>\$ 254,560</u>			<u>\$ 212,999</u>
	<b>December 31, 2014</b>	<b>Additions</b>	<b>Disposals</b>	<b>December 31, 2015</b>
Patent assets	\$ 665,290	\$ 160,664	\$ (1,696)	\$ 824,258
Accumulated amortization	(428,941)	(142,296)	1,539	(569,698)
Patent assets, net	<u>\$ 236,349</u>			<u>\$ 254,560</u>

The Company's acquired patent assets relate to technologies used or supplied by companies in a variety of market sectors, including consumer electronics, e-commerce, financial services, media distribution, mobile communications, networking, semiconductors, and software. The Company amortizes each acquired portfolio of patent assets on a straight-line basis over its estimated economic useful life. As of December 31, 2016, the estimated economic useful lives of the Company's patent assets acquired since inception generally ranged from 24 to 60 months with a weighted-average estimated economic useful life at the time of acquisition of 41 months. Patent assets acquired during the year ended December 31, 2016 had a weighted-average estimated economic useful life at the time of acquisition of 27 months.

As of December 31, 2016, the Company expects amortization expense in future periods to be as follows (in thousands):

2017	\$ 127,088
2018	64,157
2019	18,103
2020	3,651
Total estimated future amortization expense	<u>\$ 212,999</u>

Amortization expense was \$159.0 million, \$142.4 million and \$119.7 million for the years ended December 31, 2016, 2015 and 2014, respectively.

**Syndicated Acquisitions**

Syndicated acquisitions are transactions involving patent assets that may cost more than the Company is prepared to spend with its own capital resources or that are relevant only to a limited number of clients. In such transactions, the Company may work to acquire these assets with financial assistance from the particular clients against whom they are being or may be asserted. Such clients either pay amounts separate from their subscription fee or, less frequently, lend the Company funds to be used in the transaction. As discussed in the revenue recognition policy in Note 2, "Basis of Presentation and Significant Accounting Policies," the Company may treat the contributions from such clients as revenue on a gross or net basis depending on the specific facts and circumstances of the transaction. In the event that such contributions are recognized on a net basis, the Company will only capitalize the acquired asset that relates to its non-contributing clients. As a result, in such situations the cost basis of the acquired patent rights excludes the amounts paid by the contributing clients.

**6. Property and Equipment, Net**

Property and equipment, net, consisted of the following (in thousands):

	December 31,	
	2016	2015
Internal-use software	\$ 7,827	\$ 7,654
Leasehold improvements	2,169	1,799
Computer, equipment and software	5,204	1,387
Furniture and fixtures	935	818
Construction-in-progress	183	—
Total property and equipment, gross	16,318	11,658
Less: Accumulated depreciation and amortization	(9,370)	(6,925)
Total property and equipment, net	\$ 6,948	\$ 4,733

Depreciation and amortization expense was \$3.0 million, \$1.7 million and \$2.0 million for the years ended December 31, 2016, 2015 and 2014, respectively.

**7. Business Combinations**

On January 22, 2016, the Company completed its acquisition of all of the issued and outstanding shares of Inventus, to expand into the litigation discovery services market. The final purchase price for Inventus was approximately \$232 million, net of working capital adjustments, which the Company paid in January 2016. The following table summarizes the cash paid and the estimated fair values of the assets and the liabilities assumed (in thousands) and the estimated useful lives of the acquired identifiable intangible assets:

	Estimated Fair Value	Estimated useful life
Current assets	\$ 19,357	
Intangible assets:		
Customer relationships	58,000	9 - 10 years
Trademarks	3,200	1 - 6 years
Developed technology	6,400	3 years
Goodwill	145,984	
Property, plant, equipment and other long term assets	3,347	
Deferred tax asset	10,595	
Current liabilities	(7,280)	
Deferred tax liability	(5,477)	
Other long term liabilities	(826)	
Cash purchase consideration paid	\$ 233,300	

Intangible assets acquired through the Company's acquisition of Inventus are amortized on a straight-line basis which reflects the pattern in which the economic benefits of the intangible assets are expected to be utilized. The goodwill recorded is primarily attributable to the Company's opportunity to expand into the litigation discovery services market and is not expected to be deductible

for tax purposes. For the year ended December 31, 2016, the Company recorded acquisition-related costs of \$1.2 million which were expensed as incurred and included in selling, general and administrative expenses in the Company's consolidated statements of operations. The Company has included the financial results of Inventus in its consolidated financial statements which includes revenue of \$66.1 million for the year ended December 31, 2016, and operating income of \$8.7 million for the year ended December 31, 2016.

The unaudited pro forma financial information in the table below summarizes the combined results of operations for the Company and Inventus as though the companies had been consolidated as of January 1, 2015, and includes the accounting effects resulting from the acquisition including amortization charges from the acquired intangible assets, \$13.5 million of transaction costs incurred which were directly attributable to the acquisition of Inventus, and elimination of interest expenses and debt issuance and extinguishment costs associated with Inventus's historical debt which was extinguished upon the Company's acquisition of Inventus. This unaudited pro forma information also adjusts for Inventus's acquisition of London-based Unified OS Limited and certain of its affiliates as well as certain assets of Kooby LLP (collectively, "Unified") as though it had been consolidated as of January 1, 2015. The following unaudited pro forma financial information is for information purposes only and is not necessarily indicative of the results of operations that would have been achieved if the acquisition had taken place as of January 1, 2015 (in thousands, except per share data):

	Year Ended December 31, 2016
Revenue	\$ 336,047
Net income	\$ 18,824
Basic net income per share	\$ 0.37
Diluted net income per share	\$ 0.37

## 8. Goodwill

The changes in the carrying amounts of goodwill by operating segment were as follows (in thousands):

	Patent Risk Management	Discovery Services	Total
Balance as of December 31, 2015	\$ 19,978	\$ —	\$ 19,978
Goodwill from business acquisition	—	145,984	145,984
Foreign currency translation adjustments	—	(14,640)	(14,640)
Balance as of December 31, 2016	\$ 19,978	\$ 131,344	\$ 151,322

The Company reviews goodwill for impairment at least annually or more frequently if events or changes in circumstances indicate that the carrying value of goodwill may not be recoverable. As of December 31, 2016, no impairment of goodwill had been identified.

## 9. Intangible Assets, Net

Intangible assets, net, as of December 31, 2016 and 2015 consisted of the following (in thousands, except years):

	December 31, 2016				December 31, 2015		
	Weighted- Average Life (years)	Carrying Amount	Accumulated Amortization	Net Carrying Amount	Carrying Amount	Accumulated Amortization	Net Carrying Amount
Proprietary data and models	3.7	\$ 2,100	\$ (2,006)	\$ 94	\$ 2,100	\$ (1,694)	\$ 406
Trademarks	4.9	4,879	(2,439)	2,440	1,720	(1,645)	75
Developed technology	3.0	5,802	(1,978)	3,824	120	(120)	—
Customer relationships	9.3	55,719	(6,323)	49,396	1,050	(659)	391
Covenant not to compete	3.0	1,900	(1,604)	296	1,900	(971)	929
		\$ 70,400	\$ (14,350)	\$ 56,050	\$ 6,890	\$ (5,089)	\$ 1,801

As of December 31, 2016, the Company expects amortization expense in future periods to be as follows (in thousands):

2017	\$	8,744
2018		8,215
2019		6,433
2020		6,321
2021		6,321
Thereafter		20,016
Total estimated future amortization expense	\$	<u>56,050</u>

Amortization expense related to intangible assets was \$9.6 million, \$1.7 million, and \$1.5 million for the years ended December 31, 2016, 2015 and 2014, respectively.

#### 10. Accrued Liabilities

Accrued liabilities consisted of the following (in thousands):

	December 31,	
	2016	2015
Accrued payroll-related expenses	\$ 11,516	\$ 11,105
Accrued expenses	5,282	3,737
Total accrued liabilities	<u>\$ 16,798</u>	<u>\$ 14,842</u>

#### 11. Debt

On February 26, 2016, the Company entered into a Credit Agreement (the "Credit Agreement") which provided for a \$100 million five-year term facility (the "Term Facility") and a \$50 million five-year revolving credit facility (the "Revolving Credit Facility"), which remains undrawn as of December 31, 2016. The Term Facility bears interest which is payable quarterly in arrears at the Company's option equal to either a base rate plus a margin ranging from 1.25% to 1.75% per annum or, at the Company's election, the one-, two-, three-, or six-month London interbank offered rate ("LIBOR") plus a margin ranging from 2.25% to 2.75% per annum, based upon the ratio of the Company's debt to consolidated EBITDA ratio. The outstanding balance on the Term Facility bore interest during the year ended December 31, 2016 at an average interest rate of 3.0%, which approximates fair value. The Revolving Credit Facility bears a commitment fee on undrawn balances of 0.35% to 0.45% per annum, also based upon the Company's debt to consolidated adjusted EBITDA ratio, that are expensed as incurred. The Credit Agreement contains financial covenants requiring the Company to maintain certain leverage and fixed charge ratios. The Company is compliant with these covenants as of December 31, 2016. The Credit Agreement also includes limitations on the Company's debt incurrence, dividend payments, and disposal activities.

As of December 31, 2016, the Term Facility requires principal repayments in accordance with the following schedule (in thousands):

2017	\$	6,875
2018		9,375
2019		11,875
2020		18,125
2021		50,000
Long-term debt, gross		96,250
Unamortized debt issuance costs		(1,666)
Long-term debt, net	\$	<u>94,584</u>
Reported as:		
Current portion of long-term debt	\$	6,474
Long-term debt, less current portion		88,110
Total	\$	<u>94,584</u>

**12. Commitments and Contingencies*****Operating Lease Commitments***

The Company leases its facilities under non-cancelable lease agreements. Certain of these arrangements have free rent, escalating rent payment provisions and tenant allowances. Under such arrangements the Company recognizes rent expense on a straight line basis over the non-cancelable lease term and records the difference between cash rent payments and the recognition of rent expense as a deferred rent liability within other current liabilities and other liabilities for the current and non-current portion, respectively, in the Company's consolidated balance sheets.

In March 2012, the Company entered into an amended lease agreement related to its San Francisco, California office space. The amendment, which took effect on May 1, 2013, increased the rentable space to approximately 67,000 total square feet and extended the term through October 2019. The monthly base rent payments pursuant to this lease are approximately \$0.3 million per month, increasing to approximately \$0.4 million per month over the life of the lease.

In October 2013, the Company entered into an agreement to sublease a portion of its San Francisco, California office space. This sublease took effect on February 1, 2014 for a 36-month term through January 2017 and was subsequently renewed through October 2019.

Rent expense related to non-cancelable operating leases, net of sublease income, was \$5.2 million, \$3.5 million, and \$3.5 million for the years ended December 31, 2016, 2015 and 2014, respectively. The Company recognized sublease income of \$0.7 million, \$0.6 million, and \$0.6 million for the years ended December 31, 2016, 2015 and 2014, respectively.

As of December 31, 2016, the future minimum lease payments required under non-cancelable operating leases and the future minimum payments to be received from non-cancelable subleases were as follows (in thousands):

2017	\$	5,538
2018		5,408
2019		4,517
2020		619
2021		227
Thereafter		611
Future non-cancelable minimum operating lease payments		<u>16,920</u>
Less: minimum payments to be received from non-cancelable subleases		<u>(3,295)</u>
Total future non-cancelable minimum operating lease payments, net	\$	<u><u>13,625</u></u>

***Deferred Payment Obligations***

On December 22, 2014, the Company and RPX Clearinghouse LLC (a wholly owned subsidiary of the Company) entered into an Asset Purchase Agreement by and among Rockstar Consortium US LP, Rockstar Consortium LLC, Bockstar Technologies LLC, Constellation Technologies LLC, MobileStar Technologies LLC, and NetStar Technologies LLC (the "Sellers"), for the purchase of substantially all of the patent assets owned or controlled by the Sellers (the "Rockstar Transaction"). In connection with the Rockstar Transaction, the Company acquired certain common stock, convertible preferred stock, and redeemable convertible preferred stock investments held by the Sellers. To fund the acquisition of these investments, the Company received \$6.3 million from a syndicate participant and seller financing of \$5.9 million. The seller financing was settled during the year ended December 31, 2015.

The loan received from the syndicate participant bore no interest. The terms of the obligation required repayment up to the \$6.3 million received only to the extent proceeds were received from the sale of the common and convertible preferred stock securities, which resulted in a difference between the funding received and the fair value of the loan. The Company elected to carry this loan at fair value and had categorized it as a Level 3 instrument due to the significance of unobservable inputs developed using company-specific information to estimate the loan's fair value. Changes in fair value are reported in other expense, net in the Company's consolidated statements of operations. This loan was settled without payment during the year ended December 31, 2016 which resulted in a gain on extinguishment of \$0.5 million recognized in other expense, net in the consolidated statements of operations during the year ended December 31, 2016. This fair value of this loan decreased from \$2.4 million to nil during the year ended December 31, 2016 due to a \$1.9 million fair value adjustment and a \$0.5 million gain on extinguishment which were recognized in other expense, net in the consolidated statements of operations.

### ***Litigation***

From time to time, the Company may be a party to various litigation claims in the normal course of business. Legal fees and other costs associated with such actions are expensed as incurred. The Company assesses, in conjunction with its legal counsel, the need to record a liability for litigation or contingencies. A liability is recorded when and if it is determined that such a liability for litigation or contingencies is both probable and reasonably estimable. No liability for legal contingencies was recorded as of December 31, 2016 or 2015.

In April 2016, Sourceprose Corporation filed a complaint in the U.S. District Court for the Western District of Texas against the Company alleging breach of an agreement with the plaintiff to purchase certain patent assets and breach of a non-disclosure agreement with plaintiff. In July 2016, the Court transferred the litigation to the U.S. District Court for the Northern District of California. On November 2, 2016, we moved to dismiss the claims of breach of an assignment of patents. On January 26, 2017, the U.S. District Court for the Northern District of California dismissed the claims of breach of a patent assignment without prejudice, and allowed the plaintiff to file an amended complaint. The plaintiff filed an amended complaint on February 9, 2017, alleging breach of a non-disclosure agreement and breach of an agreement to assign patents and a breach of a settlement agreement. The plaintiff seeks monetary damages and specific enforcement of the alleged purchase agreement. The Company is not currently able to determine whether there is a reasonable possibility that a loss has been incurred, nor can we estimate the potential loss or range of the potential loss that may result from this litigation.

In June 2013, Kevin O'Halloran, as Trustee of the Liquidating Trust of Teltronics, Inc. (the "Debtor"), filed a complaint in the U.S. Bankruptcy Court for the Middle District of Florida against the Company and Harris Corporation (the "Defendants"). The complaint alleges that the Defendants are liable under federal and state bankruptcy law regarding fraudulent transfers for the value of a patent portfolio purchased by the Company from Harris Corporation pursuant to an agreement entered into in January 2009, and within four years of the date the Debtor filed its petition in bankruptcy. In February 2015, the Court held a trial and in November 2015 entered judgment in favor of the Defendants. In December 2015, the Debtor filed an appeal of the judgment to the U.S. District Court for the Middle District of Florida. In August 2016, the District Court affirmed the judgment in favor of the Defendants. In September 2016, the Debtor filed an appeal of the judgment to the U.S. Court of Appeals for the Eleventh Circuit. The appellate briefing was completed in January 2017, and the parties are currently awaiting scheduling of oral argument. The Company is not currently able to determine whether there is a reasonable possibility that a loss has been incurred, nor can it estimate the potential loss or range of the potential loss that may result from this litigation.

In March 2012, Cascades Computer Innovations LLC filed a complaint in U.S. District Court for the Northern District of California (the "Court") against the Company and five of its clients (collectively the "Defendants"). The complaint alleges that the Defendants violated federal antitrust law, California antitrust law and California unfair competition law. The complaint further alleges that after the Company terminated its negotiations with the plaintiff to license certain patents held by the plaintiff, the Defendants violated the law by jointly refusing to negotiate or accept licenses under the plaintiff's patents. The plaintiff seeks unspecified monetary damages and injunctive relief. In January 2013, the Court dismissed the complaint against the Defendants and granted the plaintiff leave to amend its complaint. In February 2013, the plaintiff filed an amended lawsuit alleging that the Defendants violated federal antitrust law, California antitrust law and California unfair competition law. In April 2016, the Court entered a final judgment in favor of the Defendants on all the plaintiff's claims. In April 2016, the plaintiff filed an appeal of the judgment before the Ninth Circuit Court of Appeals. The appellate briefing was completed in November 2016, and the parties are currently awaiting the scheduling of oral argument. The Company is not currently able to determine whether there is a reasonable possibility that a loss has been incurred, nor can it estimate the potential loss or range of the potential loss that may result from this litigation.

### ***Guarantees and Indemnifications***

The Company has, in connection with the sale of patent assets, agreed to indemnify and hold harmless the buyer of such patent assets for losses resulting from breaches of representations and warranties made by the Company. The terms of these indemnification agreements are generally perpetual. The maximum amount of potential future indemnification is unlimited. To date, the Company has not paid any amount to settle claims or defend lawsuits. The Company is unable to reasonably estimate the maximum amount that could be payable under these arrangements since these obligations are not capped but are conditional to the unique facts and circumstances involved. Accordingly, the Company had no liabilities recorded for these agreements as of December 31, 2016 or 2015. The Company has no reason to believe that there is any material liability related to such indemnification provisions. The Company does not indemnify its clients for patent infringement.

As part of the Company's discovery services offering, the Company generally warrants that it will perform the services in good faith and in a timely and professional manner, and that it will exercise the same level of professional care commonly found in the industry. Additionally, the Company has agreed to provisions for indemnifying customers against liabilities if its discovery services infringe a third party's intellectual property rights or if it breaches agreed privacy, security and/or confidentiality obligations. To date, the Company has not incurred any material costs, and it has not accrued any liabilities in the accompanying consolidated financial



statements, as a result of these obligations. The Company also enters into service-level agreements with its discovery services clients that specify required levels of application uptime and may permit customers to receive credits or to terminate their agreements in the event that the Company fails to meet required performance levels. To date, the Company has not experienced any significant failures to meet defined levels of performance and, as a result, has not accrued any liabilities related to these agreements in its consolidated financial statements.

In accordance with its amended and restated bylaws, the Company also indemnifies certain officers and employees for losses incurred in connection with actions, suits or proceedings threatened or brought against such officer or employee arising from his or her service to the Company as an officer or employee, subject to certain limitations. The term of the indemnification period is indefinite. The maximum amount of potential future indemnification is unspecified. The Company has no reason to believe that there is any material liability for actions, events or occurrences that have occurred to date.

#### ***Reserves for Known and Incurred but not Reported Claims***

In August 2012, the Company began offering insurance to cover certain costs of patent litigation brought against its insured clients. As of December 31, 2016 and 2015, the Company had a total of 181 and 89 active policies, respectively, and recorded a reserve of \$0.9 million and \$0.7 million, respectively, for known and incurred but not reported claims that represent estimated claim costs and related expenses.

The Company regularly reviews loss reserves using a variety of actuarial techniques and updates them as its loss experience develops.

### **13. Stockholder's Equity**

#### ***Common Stock***

As of December 31, 2016, under the Company's amended and restated certificate of incorporation, the Company is authorized to issue 200 million shares of common stock with a par value of \$0.0001 per share.

#### ***Preferred Stock***

As of December 31, 2016, under the Company's amended and restated certificate of incorporation, the Company is authorized to issue 10 million shares of preferred stock with a par value of \$0.0001 per share. The Board of Directors is authorized to provide for the issuance of one or more series of preferred stock and to establish the powers, preferences and rights of the preferred shares.

#### ***Equity Plans***

In February 2011, the Company's Board of Directors adopted the 2011 Equity Incentive Plan (the "2011 Plan"), which became effective on the date of the Company's initial public offering. The 2011 Plan provides for the issuance of incentive stock options, non-qualified stock options, stock appreciation rights, restricted shares of the Company's common stock and stock units to employees, directors and non-employees. The Board of Directors initially reserved 1,500,000 shares of common stock for future issuance under the 2011 Plan pursuant to automatic increases permitted under the 2011 Plan. During 2016 and 2015, the Company reserved an additional 2,000,000 and 1,000,000 shares, respectively, of common stock for future issuance under the 2011 Plan. As of December 31, 2016, there were 3,586,000 shares available for grant under the 2011 Plan.

In August 2008, the Company's Board of Directors adopted the 2008 Plan (the "2008 Plan") which provided for the issuance of incentive stock options, non-qualified stock options, as well as the direct award or sale of shares of common stock to employees, directors and non-employees for up to 9,019,474 shares of common stock, as amended. No further awards have been made under the 2008 Plan since the 2011 plan became effective; however, all awards outstanding under the 2008 Plan will continue to be governed by the existing terms.

Under both the 2011 Plan and 2008 Plan, incentive stock options and non-qualified stock options are to be granted at a price that is not less than 100% of the fair value of the stock at the date of grant. Stock options granted to newly hired employees vest 25% on the first anniversary of the date of hire and ratably each month over the ensuing 36-month period. Stock options granted to existing employees generally vest ratably over the 48-months following the date of grant. Stock options are exercisable for a maximum period of 10 years after date of grant. Incentive stock options granted to stockholders who own more than 10% of the outstanding stock of the Company at the time of grant must be issued at an exercise price not to be less than 110% of the fair value of the stock on the date of grant. RSUs granted to newly hired employees vest 25% on the first Company-established vest date after the first anniversary of the employee's date of hire and ratably each quarter over the ensuing 12-quarter period. RSUs granted to existing employees generally vest ratably each quarter over the 16 quarters following the date of grant. PBRsUs with market conditions granted to employees may vest 25% on each anniversary of the grant date, provided that the average closing price per share of the Company's common stock for any 90-calendar day period during the year preceding such anniversary date is equal to or greater than 1.25 times the Company's stock price on the grant date or on the anniversary of the grant date. To the extent that a portion of the award does not vest on a specific

anniversary date, it will remain eligible to vest in any of following three successive anniversaries of the grant date, provided that any applicable market conditions have been satisfied at that time. PBRsUs with performance conditions granted to employees generally vest 25% annually if the performance criteria is satisfied.

A summary of the Company's activity under its equity-settled award plans and related information is as follows (in thousands, except per share data and years):

	Options Outstanding				
	Shares Available for Grant	Number of Shares	Weighted-Average Exercise Price	Weighted-Average Remaining Contractual Life in Years	Aggregate Intrinsic Value
Balance - December 31, 2015	3,159	2,340	\$ 11.11		
Shares authorized	2,000	—	—		
Options exercised	—	(444)	8.51		
Options forfeited	128	(128)	12.97		
Restricted stock units granted	(2,644)	—	—		
Restricted stock units forfeited	525	—	—		
Restricted stock units withheld related to net share settlement of restricted stock units	418	—	—		
Balance - December 31, 2016	3,586	1,768	11.63	4.2	\$ 2,939
Vested and exercisable - December 31, 2016		1,768	11.63	4.2	2,939
Vested and expected to vest - December 31, 2016		1,768	11.63	4.2	2,939

The aggregate intrinsic value of stock options exercised during the years ended December 31, 2016, 2015 and 2014 was \$0.9 million, \$6.8 million and \$7.0 million, respectively. The total fair value of stock options vested during the years ended December 31, 2016, 2015 and 2014 was \$1.3 million, \$3.3 million and \$6.2 million, respectively.

#### **Restricted Stock Units**

The summary of restricted stock unit activity, which includes PBRsUs, is as follows (in thousands, except per share data):

	Number of Shares	Weighted-Average Grant Date Fair Value	Aggregate Intrinsic Value
	Non-vested units - December 31, 2015	2,490	\$ 13.35
Granted	2,644	10.95	
Vested	(1,185)	13.16	
Forfeited	(525)	13.32	
Non-vested units - December 31, 2016	3,424	11.53	\$ 36,979

The total fair value of RSUs vested during the years ended December 31, 2016, 2015 and 2014 was \$11.9 million, \$14.4 million and \$13.7 million, respectively.

In October 2013, the Board of Directors approved net-share settlement for tax withholdings on RSU vesting. In 2016 and 2015, the Company withheld issuing 418,201 and 354,446 shares of its common stock, respectively, based on the value of the RSUs on their vesting dates as determined by the Company's closing common stock price. Total payments for the employees' minimum tax obligations to taxing authorities were \$4.2 million and \$5.1 million for the years ended December 31, 2016 and 2015, respectively, and were recorded as a reduction to additional paid-in capital and reflected as a financing activity within the consolidated statements of cash flows. The net-share settlements reduced the number of shares that would have otherwise been issued on the vesting date and increased the number of shares reserved for future issuance under the 2011 Plan.

#### **Stock-Based Compensation Related to Employees and Directors**

The fair value of RSUs granted to employees and non-employee directors is measured by reference to the fair value of the underlying shares on the date of grant.

PBRsUs granted during the year ended December 31, 2016 contain service, performance, and market conditions that affect the quantity of awards that will vest. PBRsUs granted during the year ended December 31, 2015 contain both service and performance conditions that affect the quantity of awards that will vest. PBRsUs granted during the year ended December 31, 2014 contain both service and market conditions that affect the quantity of awards that will vest. During the years ended December 31, 2016, 2015, and 2014, the Company granted 115,657, 54,375, and 200,000 PBRsUs, respectively. The Company estimates the grant date fair value of PBRsUs which include performance conditions by reference to the fair value of the underlying shares on the date of grant. The Company estimates the grant date fair value of PBRsUs which include market conditions using the Monte Carlo simulation model.

The weighted-average assumptions used to estimate the fair value of PBRsUs with market conditions and the resulting fair values are as follows:

	Year Ended December 31,		
	2016	2015	2014
Dividend yield	—	n/a	—
Risk free rate	1.08%	n/a	1.11%
Expected volatility	38%	n/a	48%
Grant date fair value	\$ 6.28	n/a	\$ 7.47

Stock-based compensation expense related to stock options granted to employees and non-employee directors was \$0.9 million, \$2.9 million and \$5.4 million for the years ended December 31, 2016, 2015 and 2014, respectively. Stock-based compensation expense related to RSUs granted to employees and non-employee directors was \$16.9 million, \$14.2 million and \$11.6 million for the years ended December 31, 2016, 2015 and 2014, respectively. Stock-based compensation expense related to PBRsUs granted to employees was \$0.6 million, \$0.7 million, and \$0.8 million for the years ended December 31, 2016, 2015 and 2014, respectively.

As of December 31, 2016, there was \$34.5 million of unrecognized compensation cost related to RSUs, including PBRsUs, which is expected to be recognized over a weighted-average period of 2.6 years. Future grants of equity awards will increase the amount of stock-based compensation expense to be recorded.

#### Stock Repurchase Program

On February 10, 2015, the Company announced that its Board of Directors had authorized a share repurchase program under which the Company is authorized to repurchase up to \$75.0 million of its outstanding common stock with no expiration date from the date of authorization. In March 2016 and May 2016, the Company increased its share repurchase program by \$25 million and \$50 million, respectively, for a total amount authorized of \$150 million. As of December 31, 2016, the Company repurchased \$86.3 million of the outstanding common stock. Under the program, shares may be purchased in open market transactions, including through block purchases, through privately negotiated transactions, or pursuant to any trading plan that may be adopted in accordance with Rule 10b5-1 of the Securities Exchange Act of 1934, as amended (the "Exchange Act"). The share repurchase program does not have an expiration date and may be suspended, terminated or modified at any time for any reason. The Company's share repurchase program does not obligate it to acquire any specific number of shares. The Company repurchased shares of its common stock in the open market, which were retired upon repurchase. The purchase price for the repurchased shares are reflected as a reduction to common stock and retained earnings in the Company's consolidated balance sheet during the period presented as follows (in thousands, except per share data):

	Shares Repurchased	Average Price per Share	Value of Shares Repurchased
Cumulative shares repurchased as of January 1, 2016	1,993	\$ 13.12	\$ 26,175
Repurchase of shares of common stock	5,924	10.15	60,101
Cumulative shares repurchased as of December 31, 2016	7,917	\$ 10.90	\$ 86,276

#### 14. Income Taxes

Income before provision for income tax consists of the following (in thousands):

	Year Ended December 31,		
	2016	2015	2014
Domestic	\$ 28,536	\$ 65,445	\$ 64,238
International	3,773	54	44
Total income before provision for income taxes	\$ 32,309	\$ 65,499	\$ 64,282

The components of the provision for income taxes are as follows (in thousands):

	Year Ended December 31,		
	2016	2015	2014
<b>Current:</b>			
Federal	\$ (12,400)	\$ (23,456)	\$ (26,517)
State	(4,038)	(2,790)	(3,031)
Foreign	(11,097)	(12,406)	(9,611)
Total current provision for income taxes	<u>(27,535)</u>	<u>(38,652)</u>	<u>(39,159)</u>
<b>Deferred:</b>			
Federal	11,596	12,022	13,668
State	1,097	553	550
Foreign	768	—	—
Total deferred benefit for income taxes	<u>13,461</u>	<u>12,575</u>	<u>14,218</u>
Total provision for income taxes	<u>\$ (14,074)</u>	<u>\$ (26,077)</u>	<u>\$ (24,941)</u>

Net deferred tax assets consist of the following (in thousands):

	December 31,	
	2016	2015
<b>Deferred tax assets:</b>		
Deferred revenue	\$ 1,843	\$ 1,438
Reserves and other	6,292	5,017
Stock-based compensation	5,682	5,701
Depreciation and amortization	14,050	5,560
Net operating loss carryforwards	7,246	—
Total deferred tax assets	<u>35,113</u>	<u>17,716</u>
Valuation allowance	(875)	(1,097)
Net deferred tax assets	<u>\$ 34,238</u>	<u>\$ 16,619</u>

The following is a reconciliation of the statutory federal income tax to the Company's effective tax (in thousands):

	Year Ended December 31,		
	2016	2015	2014
Tax at statutory federal rate	\$ (11,307)	\$ (22,939)	\$ (22,498)
State tax – net of federal benefit	(1,674)	(1,459)	(1,678)
Permanent differences	(1,000)	(663)	(879)
Foreign tax	(8,969)	(12,370)	(9,576)
Foreign tax credits	9,191	12,370	9,576
Foreign income not taxed at federal rate	—	(3)	(3)
Change in valuation allowance	222	(1,097)	—
Other	(537)	84	117
Total provision for income taxes	<u>\$ (14,074)</u>	<u>\$ (26,077)</u>	<u>\$ (24,941)</u>

As of December 31, 2016, the Company had federal and state capital loss carryforwards of \$1.5 million available to reduce future taxable income which expire in 2020 if not utilized. As of December 31, 2016, the Company had federal and state net operating loss carryforwards of \$38.0 million which will begin to expire in 2023 if not utilized. The utilization of these carryforwards may be limited if there are certain changes in the Company's ownership.

In assessing the realization of deferred tax assets, management considers whether it is more-likely-than-not that some portion or all of deferred assets will not be realized. The ultimate realization of the deferred tax asset is dependent upon the generation of future taxable income during the periods in which those temporary differences become deductible. Based on the available objective evidence as of December 31, 2016, management believes it is more-likely-than-not that the U.S. net deferred tax asset, other than certain capital losses, will be fully realized. The Company's valuation allowance decreased by \$0.2 million during the year ended December 31, 2016 due to the utilization of current year capital loss carryforwards.

Internal Revenue Code Section 382 places a limitation (the Section 382 Limitation) on the amount of taxable income that can be offset by net operating loss carryforwards after a change in control (generally greater than 50% change in ownership) of a loss corporation. California has similar rules. Generally, after a change in control, a loss corporation cannot deduct operating loss carryforwards in excess of the Section 382 Limitation. Management has considered the impact of such limitation in determining the utilization of its operating loss carryforwards against taxable income in future periods.

Deferred tax liabilities have not been recognized for undistributed earnings for foreign subsidiaries because it is management's intention to indefinitely reinvest such undistributed earnings outside the U.S. Generally, such earnings are subject to potential foreign withholding tax and the U.S. tax upon remittance of dividends and under certain other circumstances. The Company believes that the potential liability would not be material.

#### ***Uncertain Tax Positions***

As of December 31, 2016, the Company's total amount of unrecognized tax benefits was \$8.3 million, all of which would impact the Company's effective tax rate, if recognized.

The following table summarizes the activity related to the Company's unrecognized tax benefits (in thousands):

	2016	2015	2014
Balance as of January 1,	\$ 5,315	\$ 3,707	\$ 2,036
Gross increase related to current period tax positions	1,567	1,606	1,672
Gross increase related to prior period tax positions	1,841	2	—
Gross decrease related to prior period tax positions	(423)	—	(1)
Balance as of December 31,	<u>\$ 8,300</u>	<u>\$ 5,315</u>	<u>\$ 3,707</u>

The Company does not believe it is reasonably possible that its unrecognized tax benefits will materially change within the next twelve months.

The Company's policy is to recognize interest and penalties accrued on any unrecognized tax benefits as a component of income tax expense. During the years ended December 31, 2016, 2015 and 2014, the Company recognized \$0.6 million, \$0.4 million, and \$0.7 million, respectively, of interest and penalties associated with unrecognized tax benefits.

During 2016, the statute of limitations expired with respect to the Company's 2011 tax year which was under examination by the State of California Franchise Tax Board. The conclusion of this examination did not have a material impact on the Company's consolidated financial statements. The 2013 through 2016 tax periods remain open to examination by the Internal Revenue Service and the 2012 through 2016 tax periods remain open to examination by most state tax authorities. Inventus's federal income tax return for fiscal year 2013 is currently under examination by the Internal Revenue Service and at this time, although the outcome is subject to significant uncertainty, the Company believes it has valid positions supporting its tax return and does not expect that proposed adjustments, if any, would be material to the Company's consolidated financial statements.

#### **15. Related-Party Transactions**

During both years ended December 31, 2016 and 2015, four members of the Company's Board of Directors also served on the boards of directors of RPX clients. During the year ended December 31, 2014, five members of the Company's Board of Directors also served on the board of directors of RPX clients. The Company recognized revenue from these clients in the amount of \$9.8 million, \$9.3 million and \$9.4 million during the years ended December 31, 2016, 2015 and 2014, respectively. The Company recognized selling, general, and administrative expenses from products and services provided by these clients of \$0.8 million, \$0.3 million, and \$0.2 million for the years ended December 31, 2016, 2015 and 2014, respectively. There were \$1.3 million and nil of receivables due from these clients as of December 31, 2016 and 2015, respectively.

#### **16. Employee Savings Plan**

The Company has savings plans, which qualify under Section 401(k) of the Internal Revenue Code (the "Plans"), available for its employees in the United States who meet the certain age and service requirements. Under the terms of the Plans, employees may make voluntary contributions up to maximum statutory limits, and the Company matches contributions based on the amount of the employees' contributions subject to certain limits. The Company recorded contribution expense of \$0.6 million, \$0.5 million, and \$0.4 million during the years ended December 31, 2016, 2015, and 2014.

#### **17. Segment Reporting**

Operating segments are components of an enterprise about which separate financial information is available. Operating segments are reported in a manner consistent with the internal reporting provided to the chief operating decision maker, or decision-making group, in deciding how to allocate resources and in assessing performance. The Company's chief operating decision maker is

its Chief Executive Officer. Prior to the acquisition of Inventus in January 2016, the Company's Chief Executive Officer reviewed financial information presented on a consolidated basis and, as a result, the Company concluded that there was only one operating and reportable segment. Subsequent to the acquisition of Inventus (see Note 7, "Business Combinations"), the Company's Chief Executive Officer reviews separate financial information for the patent risk management and discovery services businesses. Therefore as of January 2016, the Company has two reportable segments: 1) patent risk management which generates its revenues primarily from membership subscriptions, premiums earned from insurance policies, and management fees for marketing, underwriting, and claim management and 2) discovery services which generates its revenues primarily from fees generated for data collection, hosting and processing, project management, and document review services. There are no material internal revenue transactions between these two reportable segments.

Although adjusted EBITDA is not a measure of financial performance determined in accordance with GAAP, the Company's chief operating decision maker evaluates segment financial performance by utilizing the segment's adjusted EBITDA because the Company believes it is a useful supplemental measure that reflects core operating performance and provides an indicator of the segment's ability to generate cash. The Company defines adjusted EBITDA as net income exclusive of provision for income taxes, interest and other income (expense), net, stock-based compensation and related employer payroll taxes, depreciation, and amortization. There are limitations in using the Company's measures of financial performance that are not determined in accordance with GAAP and these may be different from other financial measures not determined in accordance with GAAP used by other companies. These financial measures are limited in value because they exclude certain items that may have a material impact on the Company's reported financial results. In addition, they are subject to inherent limitations as they reflect the exercise of judgment by the Company about which items are adjusted to calculate its financial measures not determined in accordance with GAAP. The presentation of financial measures not determined in accordance with GAAP should not be considered in isolation or as a substitute for or superior to financial results determined in accordance with GAAP.

Summarized financial information by segment for the year ended December 31, 2016 utilized by the Company's chief operating decision maker is as follows (in thousands):

	<b>Year Ended December 31,</b>
	<b>2016</b>
<b>Patent Risk Management</b>	
Revenue	\$ 266,995
Cost of revenue	163,865
Selling, general and administrative expenses	76,467
Operating income	26,663
Stock-based compensation, including related taxes	17,633
Depreciation and amortization	162,262
Adjusted EBITDA	\$ 206,558
<b>Discovery Services</b>	
Revenue	\$ 66,112
Cost of revenue	33,397
Selling, general and administrative expenses	23,990
Operating income	8,725
Stock-based compensation, including related taxes	935
Depreciation and amortization	9,361
Adjusted EBITDA	\$ 19,021
<b>Consolidated</b>	
Revenue	\$ 333,107
Cost of revenue	197,262
Selling, general and administrative expenses	100,457
Operating income	\$ 35,388

The following table reconciles the Company's subtotal segment adjusted EBITDA to consolidated net income (in thousands):

	<b>Year Ended December 31,</b>	
	<b>2016</b>	
Subtotal segment adjusted EBITDA	\$	225,579
Depreciation and amortization		(171,623)
Stock-based compensation, including related taxes		(18,568)
Interest and other expense, net		(3,079)
Provision for income taxes		(14,074)
Net income	\$	18,235

The following table summarizes total assets by segment (in thousands):

	<b>December 31,</b>	
	<b>2016</b>	
Patent risk management	\$	501,540
Discovery services <sup>(1)</sup>		233,749
Total assets	\$	735,289

<sup>(1)</sup> Includes goodwill and intangible assets acquired through the Company's acquisition of Inventus in January 2016.

The Company markets its services to companies around the world. Revenue is generally attributed to geographic areas based on the country in which the client is domiciled. The following table presents revenue by location and revenue generated by country as a percentage of total revenue for the applicable period, for countries representing 10% or more of revenues for one or more of the periods presented (dollars in thousands):

	<b>Year Ended December 31,</b>								
	<b>2016</b>		<b>2015</b>		<b>2014</b>				
United States	\$	194,196	58%	\$	186,439	64%	\$	166,593	64%
Japan		37,200	11		36,195	12		36,849	14
Korea		25,288	8		28,319	10		17,847	7
Rest of world		76,423	23		40,928	14		38,046	15
Total revenue	\$	333,107	100%	\$	291,881	100%	\$	259,335	100%

## 18. Selected Quarterly Financial Information (Unaudited)

Summarized quarterly financial information for the years ended December 31, 2016 and 2015 is as follows (in thousands, except per share data):

	Three Months Ended			
	March 31, 2016	June 30, 2016	September 30, 2016	December 31, 2016
Revenue	\$ 79,735	\$ 83,109	\$ 88,461	\$ 81,802
Cost of revenue	47,666	49,070	50,830	49,696
Gross profit	32,069	34,039	37,631	32,106
Selling, general and administrative expenses	26,895	25,904	23,615	24,043
Operating income	5,174	8,135	14,016	8,063
Interest and other income (expense), net <sup>(1)</sup>	1,805	(1,549)	(1,250)	(2,085)
Income before provision for income taxes	6,979	6,586	12,766	5,978
Provision for income taxes	2,742	2,436	4,651	4,245
Net income	\$ 4,237	\$ 4,150	\$ 8,115	\$ 1,733
Net income per share <sup>(2)</sup> :				
Basic	\$ 0.08	\$ 0.08	\$ 0.16	\$ 0.04
Diluted	\$ 0.08	\$ 0.08	\$ 0.16	\$ 0.03
Other Data:				
Deferred revenue, including current portion	\$ 139,992	\$ 123,133	\$ 102,691	\$ 130,408
Stock-based compensation expense	\$ 4,929	\$ 4,899	\$ 4,269	\$ 4,178

	Three Months Ended			
	March 31, 2015	June 30, 2015	September 30, 2015	December 31, 2015
Revenue	\$ 83,287	\$ 67,551	\$ 68,212	\$ 72,831
Cost of revenue	34,759	36,985	37,639	39,475
Gross profit	48,528	30,566	30,573	33,356
Selling, general and administrative expenses	19,459	18,997	18,773	20,199
Gain on sale of patent assets	—	(592)	—	—
Operating income	29,069	12,161	11,800	13,157
Interest and other income (expense), net	121	934	876	(2,619)
Income before provision for income taxes	29,190	13,095	12,676	10,538
Provision for income taxes	11,159	5,065	4,842	5,011
Net income	\$ 18,031	\$ 8,030	\$ 7,834	\$ 5,527
Net income per share <sup>(2)</sup> :				
Basic	\$ 0.33	\$ 0.15	\$ 0.14	\$ 0.10
Diluted	\$ 0.33	\$ 0.14	\$ 0.14	\$ 0.10
Other Data:				
Deferred revenue, including current portion	\$ 158,411	\$ 142,623	\$ 117,431	\$ 115,652
Stock-based compensation expense	\$ 3,881	\$ 4,644	\$ 4,603	\$ 4,466

<sup>(1)</sup> See Note 12, "Commitments and Contingencies" and Note 11, "Debt" for further information regarding interest and other income (expense), net.

<sup>(2)</sup> Basic and diluted earnings per share are computed independently for each of the quarters presented. Therefore, the sum of quarterly basic and diluted per share information may not equal annual basic and diluted earnings per share.



**Item 9. Changes in and Disagreements with Accountants on Accounting and Financial Disclosure.**

None

**Item 9A. Controls and Procedures.**

**Evaluation of Disclosure Controls and Procedures**

We maintain a set of disclosure controls and procedures designed to ensure that information required to be disclosed by us in reports that we file or submit under the Exchange Act, is recorded, processed, summarized and reported within the time periods specified in the SEC's rules and forms and is accumulated and communicated to our management including the Chief Executive Officer and Chief Financial Officer, as appropriate to allow timely decisions regarding required disclosure. In accordance with Rule 13a-15(b) of the Exchange Act, as of the end of the period covered by this Annual Report on Form 10-K, an evaluation was carried out under the supervision and with the participation of our management, including our Chief Executive Officer and Chief Financial Officer, of the effectiveness of our disclosure controls and procedures. Based on that evaluation, our Chief Executive Officer and Chief Financial Officer concluded that our disclosure controls and procedures, as of the end of the period covered by this Annual Report on Form 10-K, were effective to provide reasonable assurance.

**Internal Control over Financial Reporting**

***Management's Annual Report on Internal Control Over Financial Reporting***

Our management is responsible for establishing and maintaining adequate internal control over financial reporting, as such term is defined in Exchange Act Rules 13a-15(f) and 15d-15(f). Under the supervision and with the participation of our management, including our Chief Executive Officer and Chief Financial Officer, we conducted an evaluation of the effectiveness of our internal control over financial reporting as of December 31, 2016 based on the guidelines established in *Internal Control — Integrated Framework (2013)* issued by the Committee of Sponsoring Organizations of the Treadway Commission. Our internal control over financial reporting is a process designed to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external reporting purposes in accordance with U.S. generally accepted accounting principles. The scope of management's assessment of the effectiveness of our internal control over financial reporting included all of our consolidated operations except for the operations of Inventus Solutions, Inc., which we acquired in January 2016. This exclusion is in accordance with the SEC's general guidance that an assessment of a recently acquired business may be omitted from the scope of our evaluation in the year of acquisition. Inventus Solutions, Inc. constituted 6 percent of our total assets and 20 percent of our revenue as of and for the year ended December 31, 2016.

Based on the results of our evaluation, our management concluded that our internal control over financial reporting was effective as of December 31, 2016.

The effectiveness of our internal control over financial reporting as of December 31, 2016 has been audited by PricewaterhouseCoopers LLP, an independent registered public accounting firm, as stated in its report which is included in Item 8 of this Annual Report on Form 10-K.

***Changes in Internal Control over Financial Reporting***

There was no change in our internal control over financial reporting during our most recent fiscal quarter that has materially affected, or is reasonably likely to materially affect, our internal control over financial reporting.

***Inherent Limitations on Effectiveness of Controls***

Our management, including our Chief Executive Officer and Chief Financial Officer, does not expect that our disclosure controls or procedures or our internal control over financial reporting will prevent all errors and all fraud. A control system, no matter how well conceived and operated, can provide only reasonable, not absolute, assurance that the objectives of the control system are met. Further, the design of a control system must reflect the fact that there are resource constraints, and the benefits of controls must be considered relative to their costs. Because of the inherent limitations in all control systems, no evaluation of controls can provide absolute assurance that all control issues and instances of fraud, if any, have been detected. These inherent limitations include the realities that judgments in decision-making can be faulty, and that breakdowns can occur because of a simple error or mistake. Additionally, controls can be circumvented by the individual acts of some persons, by collusion of two or more people or by management override of the controls. The design of any system of controls also is based in part upon certain assumptions about the likelihood of future events, and there can be no assurance that any design will succeed in achieving its stated goals under all potential future conditions; over time, controls may become inadequate because of changes in conditions, or the degree of compliance with policies or procedures may deteriorate. Because of the inherent limitations in a cost-effective control system, misstatements due to error or fraud may occur and not be detected.

**Item 9B. Other Information.**

None

### PART III.

#### **Item 10. Directors, Executive Officers and Corporate Governance.**

We have adopted a Code of Business Conduct that applies to all of our directors, officers and employees, including our principal executive officer and principal financial officer. The Code of Business Conduct is posted on our Web site at <http://ir.rpxcorp.com/governance.cfm>.

We intend to satisfy the disclosure requirement under Item 5.05 of Form 8-K regarding an amendment to, or waiver from, a provision of this Code of Business Conduct by posting such information on our Web site, at the address and location specified above and, to the extent required by the listing standards of The NASDAQ Stock Market, by filing a Current Report on Form 8-K with the SEC, disclosing such information.

The other information required by this item will be contained in our definitive proxy statement to be filed with the SEC in connection with our 2017 annual meeting of stockholders (the “2017 Proxy Statement”), which we expect to file within 120 days of our fiscal year ended December 31, 2016, and is incorporated herein by reference.

#### **Item 11. Executive Compensation.**

The information regarding executive compensation required by this item will be included under the caption “Executive Compensation” in the 2017 Proxy Statement and is incorporated herein by reference.

#### **Item 12. Security Ownership of Certain Beneficial Owners and Management and Related Stockholder Matters.**

The information regarding securities authorized for issuance under equity compensation plans required by this item will be included under the caption “Equity Compensation Plan Information” in the 2017 Proxy Statement and is incorporated herein by reference. The information regarding security ownership of certain beneficial owners and management required by this item will be included under the caption “Security Ownership of Certain Beneficial Owners and Management” in the 2017 Proxy Statement and is incorporated herein by reference.

#### **Item 13. Certain Relationships and Related Transactions, and Director Independence.**

The information regarding transactions with related persons required by this item is included under the caption “Certain Relationships and Related Persons Transactions” in the 2017 Proxy Statement and will be incorporated herein by reference. The information regarding director independence required by this item is included under the caption “Corporate Governance” in the 2017 Proxy Statement and is incorporated herein by reference.

#### **Item 14. Principal Accounting Fees and Services.**

The information required by this item will be incorporated under the captions “Independent Registered Public Accounting Firm’s Fees” and “Pre-Approval Policies and Procedures” in the 2017 Proxy Statement and is incorporated herein by reference.

**PART IV.**

**Item 15. Exhibits and Consolidated Financial Statement Schedules.**

1. Consolidated Financial Statements

The financial statements as set forth under Item 8 of this Annual Report on Form 10-K are incorporated herein by reference.

2. Consolidated Financial Statement Schedules

All schedules have been omitted because the information required to be set forth therein is not material, not applicable, or is shown in the financial statements or notes thereto.

3. Exhibits

The exhibits listed in the accompanying Exhibit Index are filed or incorporated herein by reference as part of this Annual Report on Form 10-K.

**Item 16. Form 10-K Summary.**

None.

**SIGNATURES**

Pursuant to the requirements of Section 13 or 15(d) of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

RPX CORPORATION  
(Registrant)

February 28, 2017

By:           /s/ MARTIN E. ROBERTS            
Martin E. Roberts  
Chief Executive Officer  
(Principal Executive Officer)

**POWER OF ATTORNEY**

KNOW ALL MEN BY THESE PRESENTS, that each person whose signature appears below constitutes and appoints Martin E. Roberts and Robert H. Heath, jointly and severally, as his true and lawful attorneys-in-fact and agents, with full power of substitution and resubstitution, for him and in his name, place and stead, in any and all capacities, to sign any amendments to this Annual Report on Form 10-K, and to file the same, with exhibits thereto and other documents in connection therewith, with the Securities and Exchange Commission, hereby ratifying and confirming all that each of said attorneys-in-fact, or his substitute or substitutes, may do or cause to be done by virtue hereof.

Pursuant to the requirements of the Securities Exchange Act of 1934, this Annual Report on Form 10-K has been signed below by the following persons on behalf of the registrant and in the capacities and on the dates indicated.

<u>Signature</u>	<u>Title</u>	<u>Date</u>
<u>/s/ MARTIN E. ROBERTS</u> Martin E. Roberts	Chief Executive Officer (Principal Executive Officer)	February 28, 2017
<u>/s/ ROBERT H. HEATH</u> Robert H. Heath	Chief Financial Officer (Principal Financial and Accounting Officer)	February 28, 2017
<u>/s/ ANDREW D. AFRICK</u> Andrew D. Africk	Director	February 28, 2017
<u>/s/ SHELBY W. BONNIE</u> Shelby W. Bonnie	Director	February 28, 2017
<u>/s/ FRANK E. DANGEARD</u> Frank E. Dangeard	Director	February 28, 2017
<u>/s/ STEVEN L. FINGERHOOD</u> Steven L. Fingerhood	Director	February 28, 2017
<u>/s/ GILBERT S. PALTER</u> Gilbert S. Palter	Director	February 28, 2017
<u>/s/ SANFORD R. ROBERTSON</u> Sanford R. Robertson	Director	February 28, 2017
<u>/s/ THOMAS O. RYDER</u> Thomas O. Ryder	Director	February 28, 2017

**EXHIBIT INDEX**

Exhibit Number	Exhibit Title	Incorporated by Reference				Provided Herewith
		Form	File No.	Exhibit No.	Filing Date	
3.1	Amended and Restated Certificate of Incorporation of RPX Corporation	S-1	333-171817	3.2	1/21/2011	
3.2	Amended and Restated Bylaws of RPX Corporation	8-K	001-35146	3.1	12/11/2015	
4.1	Reference is made to Exhibits 3.1 and 3.2					
4.2	Form of Common Stock Certificate evidencing shares of common stock of the Registrant	S-1/A	333-171817	4.2	4/29/2011	
4.3	Amended and Restated Investors' Rights Agreement by and among the Registrant, John Amster, Geoffrey T. Barker, Eran Zur and the Investors (as defined therein), dated as of July 15, 2009	S-1	333-171817	4.3	1/21/2011	
4.4	Waiver and Amendment No. 1 to the Amended and Restated Investors' Rights Agreement, the Amended and Restated Voting Agreement and the Amended and Restated First Refusal and Co-Sale Agreement, dated as of November 12, 2010	S-1	333-171817	4.4	1/21/2011	
10.1	Form of Indemnification Agreement between the Registrant and each officer and director	S-1	333-171817	10.1	1/21/2011	
10.2*	Employment Offer Letter by and between the Registrant and John Amster, dated as of August 9, 2008	S-1	333-171817	10.2	1/21/2011	
10.3*	Employment Offer Letter by and between the Registrant and Geoffrey Barker, dated as of August 10, 2008	S-1	333-171817	10.3	1/21/2011	
10.4*	Employment Offer Letter by and between the Registrant and Henri Linde, dated as of October 8, 2008	S-1	333-171817	10.5	1/21/2011	
10.5*	Revised Employment Offer Letter by and between the Registrant and Adam Spiegel, dated as of February 10, 2010	S-1	333-171817	10.6	1/21/2011	
10.6*	Employment Offer Letter by and between the Registrant and Mallun Yen, dated as of October 25, 2010	S-1	333-171817	10.7	1/21/2011	
10.7*	Director Offer Letter by and between the Registrant and Shelby Bonnie, dated as of January 29, 2011	S-1/A	333-171817	10.26	3/7/2011	
10.8*	Director Offer Letter by and between the Registrant and Sanford R. Robertson, dated as of March 2, 2011	S-1/A	333-171817	10.28	4/18/2011	
10.9*	2008 Stock Plan, as amended	S-1	333-171817	10.8	1/21/2011	
10.10*	Form of Notice of Stock Option Grant (Early Exercise) and Stock Option Agreement under 2008 Stock Plan	S-1	333-171817	10.9	1/21/2011	
10.11*	Form of Notice of Stock Option Grant and Stock Option Agreement under 2008 Stock Plan	S-1	333-171817	10.1	1/21/2011	
10.12*	Form of Notice of Stock Option Exercise (Early Exercise) under 2008 Stock Plan	S-1	333-171817	10.11	1/21/2011	
10.13*	Form of Notice of Stock Option Exercise under 2008 Stock Plan	S-1	333-171817	10.12	1/21/2011	
10.14*	2011 Equity Incentive Plan	S-1/A	333-171817	10.25	3/7/2011	
10.15*	Form of Notice of Stock Option Grant and Stock Option Agreement under 2011 Equity Incentive Plan	S-1/A	333-171817	10.32	4/29/2011	
10.16*	Form of Notice of Stock Option Grant (Non-Employee Directors) and Stock Option Agreement (Non-Employee Directors) under 2011 Equity Incentive Plan	S-1/A	333-171817	10.33	4/29/2011	
10.17*	Form of Notice of Stock Unit Award and Stock Unit Agreement under 2011 Equity Incentive Plan	S-1/A	333-171817	10.34	4/29/2011	
10.18*	Amended and Restated Compensation Program for Non-Employee Directors	10-Q	001-35146	10.3	3/7/2013	
10.19	Reference is made to Exhibit 4.3					
10.20	Reference is made to Exhibit 4.4					
10.21	Common Stock Purchase Agreement by and among the Registrant and the Investors (as defined therein), dated as of April 7, 2011	S-1/A	333-171817	10.29	4/18/2011	



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10.22	Form of Lock-Up Agreement, entered into by MHV Partners LLC and Sanford Robertson	S-1/A	333-171817	10.30	4/18/2011	
10.23	Sublease by and between Registrant and Sedgwick, Detert, Moran & Arnold LLP, dated as of September 29, 2009	S-1	333-171817	10.23	1/21/2011	
10.24	Office Lease Agreement between Registrant and PPF Paramount One Market Plaza Owner, L.P., dated as of July 28, 2010	S-1	333-171817	10.24	1/21/2011	
10.25	Office Lease Agreement between Registrant and PPF Paramount One Market Plaza Owner, L.P., dated as of March 9, 2012	10-K	001-35146	10.31	3/26/2012	
10.26*	Employment Offer Letter by and between the Registrant and Ned Segal, dated as of February 7, 2013	8-K	001-35146	10.1	2/12/2013	
10.27*	Separation Agreement between RPX Corporation and Adam Spiegel dated March 7, 2013	8-K	001-35146	10.1	3/13/2013	
10.28†	Asset Purchase Agreement (Redacted), dated December 22, 2014, by and among Rockstar Consortium US LP, Rockstar Consortium LLC, Bockstar Technologies LLC, Constellation Technologies LLC, MobileStar Technologies LLC, NetStar Technologies LLC, RPX Clearinghouse LLC, and the Registrant	8-K/A	001-35146	10.1	4/9/2015	
10.29*	Employment Offer Letter by and between the Registrant and Robert Heath, dated as of March 15, 2011	10-K	001-35146	10.29	3/2/2015	
10.30	Agreement and Plan of Merger entered into on December 13, 2015	8-K	001-35146	2.1	1/28/2016	
10.31	Agreement, dated May 25, 2016, by and among RPX Corporation, the Mangrove Partners Master Fund, Ltd. and Mangrove Partners	8-K	001-35146	10.1	5/26/2016	
10.32*	Employment Offer Letter by and between the Registrant and Trevor Campion, dated as of January 21, 2016	10-Q	001-35146	10.1	8/5/2016	
10.33	Credit Agreement, dated as of February 26, 2016, by and among RPX Corporation, JPMorgan Chase Bank, N.A., as administrative agent and collateral agent, and the lenders party thereto	8-K	001-35146	10.1	3/1/2016	
21.1	List of subsidiaries of the Registrant					X
23.1	Consent of PricewaterhouseCoopers LLP, Independent Registered Public Accounting Firm					X
24.1	Power of Attorney (Included in Signature Page)					X
31.1	Certification of Chief Executive Officer Pursuant to Rule 13-14(a) of the Securities Exchange Act of 1934 as Adopted Pursuant to Section 302 of the Sarbanes-Oxley Act of 2002.					X
31.2	Certification of Chief Financial Officer Pursuant to Rule 13-14(a) of the Securities Exchange Act of 1934 as Adopted Pursuant to Section 302 of the Sarbanes-Oxley Act of 2002.					X
32.1	Certification of Chief Executive Officer Pursuant to 18 U.S.C. Section 1350, as Adopted Pursuant to Section 906 of the Sarbanes-Oxley Act of 2002.					X
32.2	Certification of Chief Financial Officer Pursuant to 18 U.S.C. Section 1350, as Adopted Pursuant to Section 906 of the Sarbanes-Oxley Act of 2002.					X
101.INS	XBRL Instance Document					X
101.SCH	XBRL Taxonomy Extension Schema Document					X
101.CAL	XBRL Taxonomy Extension Calculation Linkbase Document					X
101.DEF	XBRL Taxonomy Extension Definition Linkbase Document					X
101.LAB	XBRL Taxonomy Extension Label Linkbase Document					X
101.PRE	XBRL Taxonomy Extension Presentation Linkbase Document					X

\* Indicates a management contract or compensatory plan.

† Portions of this exhibit have been omitted and filed separately with the Securities and Exchange Commission pursuant to an order granting confidential treatment.

**List of Subsidiaries of RPX Corporation**

<b>Legal Name</b>	<b>Jurisdiction</b>
Inventus, LLC	Texas
Inventus Solutions, Inc.	Delaware
Inventus Holdings UK Ltd.	United Kingdom
RPX Asia Corporation	Japan
RPX Clearinghouse LLC	Delaware
RPX Freedom Corporation	Delaware
RPX Insurance Services, LLC	Delaware
RPX Reinsurance LLC	Hawaii
RPX Risk Retention Group, Inc.	Hawaii
RPX RRG Holdings, Inc.	Delaware
Teris, LLC	Delaware
Unified OS Limited	United Kingdom

CONSENT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

We hereby consent to the incorporation by reference in the Registration Statements on Form S-8 (Nos. 333-173911, 333-180357, 333-187152, 333-194438, 333-202433, and 333-209780) of RPX Corporation of our report dated February 28, 2017 relating to the financial statements and the effectiveness of internal control over financial reporting, which appears in this Form 10-K.

s/ PricewaterhouseCoopers LLP

San Francisco, California  
February 28, 2017

## CERTIFICATIONS

I, Martin E. Roberts, certify that:

1. I have reviewed this Annual Report on Form 10-K of RPX Corporation;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
4. The registrant's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
  - (a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
  - (b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
  - (c) Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
  - (d) Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
5. The registrant's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's Board of Directors (or persons performing the equivalent functions):
  - (a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
  - (b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: February 28, 2017

/s/ MARTIN E. ROBERTS

Martin E. Roberts

Chief Executive Officer

(Principal Executive Officer)

## CERTIFICATIONS

I, Robert H. Heath, certify that:

1. I have reviewed this Annual Report on Form 10-K of RPX Corporation;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
4. The registrant's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
  - (a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
  - (b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
  - (c) Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
  - (d) Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
5. The registrant's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's Board of Directors (or persons performing the equivalent functions):
  - (a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
  - (b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: February 28, 2017

/s/ ROBERT H. HEATH

Robert H. Heath  
Chief Financial Officer  
(Principal Financial and Accounting Officer)

**CERTIFICATION OF CHIEF EXECUTIVE OFFICER  
PURSUANT TO 18 U.S.C. SECTION 1350,  
AS ADOPTED PURSUANT TO  
SECTION 906 OF THE SARBANES-OXLEY ACT OF 2002**

In connection with the Annual Report on Form 10-K for the fiscal year ended December 31, 2016 of RPX Corporation, (the "Company") as filed with the Securities and Exchange Commission on the date hereof (the "Report"), I, Martin E. Roberts, Chief Executive Officer of the Company, certify, pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, that:

The Report fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934; and

The information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company.

Date: February 28, 2017

/s/ MARTIN E. ROBERTS

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Martin E. Roberts

Chief Executive Officer

(Principal Executive Officer)

**CERTIFICATION OF CHIEF FINANCIAL OFFICER  
PURSUANT TO 18 U.S.C. SECTION 1350,  
AS ADOPTED PURSUANT TO  
SECTION 906 OF THE SARBANES-OXLEY ACT OF 2002**

In connection with the Annual Report on Form 10-K for the fiscal year ended December 31, 2016 of RPX Corporation (the “Company”) as filed with the Securities and Exchange Commission on the date hereof (the “Report”), I, Robert H. Heath, Chief Financial Officer and Senior Vice President, Finance of the Company, certify, pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, that:

1. The Report fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934; and
2. The information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company.

Date: February 28, 2017

/s/ ROBERT H. HEATH

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Robert H. Heath

Chief Financial Officer

(Principal Financial and Accounting Officer)