REALNETWORKS INC

Form 10-K

February 26, 2015

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

Form 10-K

(Mark One)

ANNUAL REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE

ACT OF 1934

For the Fiscal Year Ended December 31, 2014

OR

... TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the transition period from to

Commission file number 0-23137

RealNetworks, Inc.

(Exact name of registrant as specified in its charter)

Washington 91-1628146

(State of incorporation) (I.R.S. Employer Identification Number)

1501 First Avenue South, Suite 600, Seattle, Washington, 98134

(206) 674-2700

(Address of principal executive offices, zip code, telephone number)

Securities registered pursuant to Section 12(b) of the Act:

Title of Each Class

Name of Each Exchange on Which Registered

Common Stock, Par Value \$0.001 per share

The NASDAQ Stock Market

Preferred Share Purchase Rights

The NASDAQ Stock Market

Securities registered pursuant to Section 12(g) of the Act:

None

(Title of Class)

Indicate by check mark if the registrant is a well-known seasoned issuer, as defined in Rule 405 of the Securities Act. Yes "No b

Indicate by check mark if the registrant is not required to file reports pursuant to Section 13 or Section 15(d) of the Act Yes "No b

Indicate by check mark whether the registrant: (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. Yes b No "

Indicate by check mark whether the registrant has submitted electronically and posted on its corporate website, if any, every Interactive Data File required to be submitted and posted pursuant to Rule 405 of Regulation S-T (§ 232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit and post such files). Yes b No "

Indicate by check mark if disclosure of delinquent filers pursuant to Item 405 of Regulation S-K is not contained herein, and will not be contained, to the best of the registrant's knowledge, in definitive proxy or information statements incorporated by reference in Part III of this Form 10-K or any amendment to this Form 10-K. b

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. (Check one):

Large accelerated filer " Accelerated filer b Non-accelerated filer " Smaller reporting company " (Do not check if a smaller reporting company)

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

The aggregate market value of the common stock held by non-affiliates of the registrant was \$176 million on June 30, 2014, based on the closing price of the common stock on that date, as reported on the Nasdaq Global Select Market. Shares held by each executive officer and director have been excluded in that such persons may be deemed to be affiliates. In the case of 5% or greater shareholders, we have not deemed such shareholders to be affiliates unless there are facts and circumstances which would indicate that such shareholders exercise any control over our company, or unless they hold 10% or more of our outstanding common stock. This determination of affiliate status is not necessarily a conclusive determination for other purposes.

The number of shares of the registrant's common stock outstanding as of January 30, 2015 was 36,102,915. DOCUMENTS INCORPORATED BY REFERENCE

The registrant has incorporated by reference the information required by Part III of this Annual Report from its Proxy Statement relating to its 2015 Annual Meeting of Shareholders or an amendment to this Form 10-K, to be filed within 120 days after the end of its fiscal year ended December 31, 2014.

## TABLE OF CONTENTS

		Page
PART I		
Item 1.	<u>Business</u>	<u>4</u>
Item 1A.	Risk Factors	<u>7</u>
Item 1B.	<u>Unresolved Staff Comments</u>	<u>16</u>
Item 2.	<u>Properties</u>	<u>16</u>
Item 3.	<u>Legal Proceedings</u>	<u>16</u>
Item 4.	Mine Safety Disclosures	<u>16</u>
PART II		
Item 5.	Market for Registrant's Common Equity, Related Shareholder Matters and Issuer Purchases of Equity Securities	<u>17</u>
Item 6.	Selected Financial Data	<u>18</u>
Item 7.	Management's Discussion and Analysis of Financial Condition and Results of Operations	<u>19</u>
Item 7A.	Quantitative and Qualitative Disclosures About Market Risk	<u>32</u>
Item 8.	Financial Statements and Supplementary Data	<u>33</u>
Item 9.	Changes in and Disagreements with Accountants on Accounting and Financial Disclosure	<u>61</u>
Item 9A.	Controls and Procedures	<u>61</u>
Item 9B.	Other Information	<u>61</u>
PART III		
Item 10.	Directors, Executive Officers and Corporate Governance	<u>61</u>
Item 11.	Executive Compensation	<u>61</u>
Item 12.	Security Ownership of Certain Beneficial Owners and Management and Related Shareholder  Matters	<u>61</u>
Item 13.	Certain Relationships and Related Transactions, and Director Independence	<u>62</u>
Item 14.	Principal Accountant Fees and Services	<u>63</u>
PART IV		
Item 15.	Exhibits and Financial Statement Schedules	<u>63</u>
<u>Signatures</u>		<u>64</u>
Exhibit Index		<u>65</u>
2		

#### PART I.

This Annual Report on Form 10-K and the documents incorporated herein by reference contain forward-looking statements that have been made pursuant to the provisions of the Private Securities Litigation Reform Act of 1995. These forward-looking statements are based on current expectations, estimates, and projections about RealNetworks' industry, products, management's beliefs, and certain assumptions made by management. Words such as "anticipates," "expects," "intends," "plans," "believes," "seeks," "estimates," and similar expressions are intended to identify forward-looking statements. All statements contained in this report that do not relate to matters of historical fact should be considered forward-looking statements. Forward-looking statements include statements with respect to:

future revenues, operating expenses, income and other taxes, tax benefits, net income (loss) per diluted share available to common shareholders, acquisition costs and related amortization, and other measures of results of operations; the effects of our past acquisitions and expectations for future acquisitions and divestitures;

plans, strategies and expected opportunities for future growth, increased profitability and innovation;

the effects of our past strategic partnerships and joint ventures, and the prospects for creation and growth of strategic partnerships and the resulting financial benefits from such partnerships;

the expected financial position, performance, growth and profitability of, and investment in, our businesses and the availability of resources;

our involvement in potential claims, legal proceedings and government investigations, the expected course and costs of existing claims, legal proceedings and government investigations, and the potential outcomes and effects of both existing and potential claims, legal proceedings and governmental investigations on our business, prospects, financial condition or results of operations;

the expected benefits and other consequences of our growth plans, strategic initiatives, and restructurings; our expected introduction and monetization of new and enhanced products, services and technologies across our businesses;

expected challenges facing our legacy products;

the effects of legislation, regulations, administrative proceedings, court rulings, settlement negotiations and other factors that may impact our businesses;

the continuation and expected nature of certain customer relationships;

impacts of competition and certain customer relationships on the future financial performance and growth of our businesses;

the effects of U.S. and foreign income and other taxes on our business, prospects, financial condition or results of operations; and

the effect of economic and market conditions on our business, prospects, financial condition or results of operations. These statements are not guarantees of future performance and actual actions or results may differ materially. These statements are subject to certain risks, uncertainties and assumptions that are difficult to predict, including those noted in the documents incorporated herein by reference. Particular attention should also be paid to the cautionary language included or referred to in the section of Item 1 entitled "Competition," in Item 1A entitled "Risk Factors" and in Item 3 entitled "Legal Proceedings." RealNetworks undertakes no obligation to update publicly any forward-looking statements as a result of new information, future events or otherwise, unless required by law. Readers should, however, carefully review the risk factors included in other reports or documents filed by RealNetworks from time to time with the Securities and Exchange Commission, particularly the Quarterly Reports on Form 10-Q and any Current Reports on Form 8-K.

Item 1. Business

Overview

RealNetworks creates innovative applications and services that make it easy to connect with and enjoy digital media. We invented the streaming media category in 1995 and continue to connect consumers with their digital media both directly and through partners, aiming to support every network, device, media type and social network. We provide the digital media services and products we create to consumers, mobile carriers and other businesses.

Consumers use our services and software to store, organize, play and manage their digital media content. Our consumer products and services include our video sharing and storage application, our casual and casino games, our direct-to-consumer ringback tone and productivity tool, and RealPlayer, our widely distributed media player. Network service providers, such as mobile carriers, use our products and services to create and deliver digital media and messaging services, such as ringback tones, music on demand and intercarrier messaging, for their subscribers. We were incorporated in 1994 in the State of Washington. Our common stock is listed on The NASDAQ Stock Market under the symbol "RNWK."

In this Annual Report on Form 10-K for the year ended December 31, 2014, RealNetworks, Inc., together with its subsidiaries, is referred to as "RealNetworks", the "Company", "we", "us", or "our". "RealPlayer," and other trademarks of our appearing in this report are our property.

Segments

We manage our business and report revenue and operating income (loss) in three segments: (1) RealPlayer Group, (2) Mobile Entertainment, and (3) Games. We allocate certain corporate expenses which are directly attributable to supporting the business, including but not limited to a portion of finance, legal, human resources and headquarters facilities, to our reportable segments rather than retaining those expenses in our corporate segment.

RealPlayer Group

Our RealPlayer Group business consists of our new video sharing and storage product, RealPlayer Cloud, which we released worldwide in the first half of 2014, and our RealPlayer media player software and related products and services. Our new RealPlayer Cloud product contributed an immaterial amount of revenue in 2014, however, in line with our growth plan, we are focusing our investments in this segment on this new product.

Our RealPlayer media player software includes features and services that enable consumers to discover, play, download, manage and edit digital video, specifically, allowing them to stream audio and video, download and save photos and videos from the web, transfer and share content on social networks, and edit their own video content. Building on this business, our new RealPlayer Cloud product gives consumers even more options and control over their digital memories. With the RealPlayer Cloud product, consumers can find, watch, save and share their videos on multiple devices and across 13 different platforms.

In our RealPlayer segment, revenue has historically been derived from sales of the premium version of our media player, and from the distribution of third-party software products to consumers who wish to download additional applications when downloading our software products. We also generate revenue through our RealPlayer subscription products, including RealPlayer Cloud and our SuperPass service. RealPlayer Cloud, an integrated video player and cloud service, is free to consumers up to a certain storage level after which additional storage is available based on a tiered subscription fee. SuperPass is our subscription service that provides consumers with access to a broad range of digital entertainment content for a monthly fee.

In addition to consumer products, we also license our technology to a variety of mobile network operators worldwide to preinstall our mobile media player software on mobile phones.

Mobile Entertainment

Mobile Entertainment consists primarily of the digital media services we provide to network service providers as software as a service (SaaS) offerings. The large majority of revenues from this segment are in Asia and North America. During the fourth quarter of 2013, we launched LISTEN, our application that allows smartphone users to utilize ringback tones as a productivity tool.

Our SaaS services include ringback tones and messaging services principally sold to a large number of mobile carriers worldwide, and music on demand services principally sold in Korea. These SaaS services generated most of the revenue within our Mobile Entertainment segment in 2014, although most of our investment-related expenditures have been focused on

LISTEN. In connection with our SaaS services, we also offer business intelligence, subscriber management and billing for our carrier customers.

Our ringback tone services enable callers to hear subscriber-selected music instead of the traditional electronic ringing sound while waiting for the person they have called to answer. We primarily offer ringback tone services via carriers, where, in return for providing, operating and managing the ringback tone service for the carrier customers, we generally enter into revenue-sharing arrangements with the carriers based on monthly subscription fees, content download fees or a combination of such fees paid by subscribers. Our interactive and highly customizable LISTEN product takes the ringback tone service to a new level, allowing the subscriber to utilize the app as more of a time management and productivity tool .

Our intercarrier messaging services are delivered through various carrier partners within the U.S. and internationally. The revenue we earn from our intercarrier messaging service is subject to a revenue-sharing arrangement with our carrier partners.

Our music on demand services, provided through our partner in Korea, offer a wide range of songs for downloading or streaming to PCs and mobile devices through various payment arrangements.

Games

We own and operate a large casual games service, offering casual games via digital downloads, online subscription play, third-party portals, social networks and mobile devices. Casual games typically have simple graphics, rules and controls and are quick to learn. Casual games include board, card, puzzle, word and hidden-object games. We develop, publish, license and distribute casual games. We have a large and diverse portfolio of original games developed by our in-house game studios, games developed by us from content we license from other intellectual property holders, and games licensed to us by third parties that we distribute to our customers. We also partner with external game developers who develop games for us on an outsourced basis, which gives those developers access to our large distribution network in exchange for distribution rights to their games. We distribute games principally in North America, Europe and Latin America through our GameHouse, Zylom and Atrativa websites and through websites owned or managed by third parties.

Consumers can play and purchase games from our catalog of online and downloadable PC games. We typically introduce new games by offering a free trial before purchase on an individual basis or as part of one of our subscription services. In addition to revenue from sales of games and subscriptions, we generate revenue from display advertising that is shown to consumers during online play.

We also develop, monetize and optimize games and game play experiences on social networks. Building on our 2013 acquisition of Slingo, Inc., during the second half of 2014 we launched our latest game, Slingo Adventure, on Facebook and mobile platforms worldwide. We monetize social and mobile games largely through sales of games licenses, advertising and microtransactions from mobile and social games. We have also adapted our games for play on mobile handsets, smartphones and tablets, which can be purchased in app stores.

See Note 18, Segment Information, in this 10-K for additional details on our segments.

At December 31, 2014, we owned approximately 43% of the issued and outstanding stock of Rhapsody. See Note 4, Rhapsody Joint Venture, in this 10-K for additional details. Rhapsody provides music products and services that enable consumers to have access to digital music content from a variety of devices. The Rhapsody unlimited subscription service offers unlimited access to a catalog of tens of millions of music tracks by way of on-demand streaming and conditional downloads. Rhapsody also operates a radio-like service, branded as "UnRadio" in the U.S., through which users can listen to online radio stations based on selected artists or genres and download favorite tracks played on those stations for offline playback. Rhapsody currently offers music services in 32 different territories (under the Rhapsody or Napster brands) and generates revenue primarily through subscriptions to its music services either directly to consumers or through distribution partners, such as mobile carriers.

Customers and Seasonality

Our customers include consumers and businesses located throughout the world. Sales to customers outside the U.S., primarily in Asia and Europe, were 61%, 56% and 54% of our revenue during the years ended December 31, 2014, 2013 and 2012, respectively. See Note 18, Segment Information for details on geographic concentrations and see Note 6, Allowance for Doubtful Accounts Receivable and Sales Returns, for details on customer revenue concentrations.

We experience seasonality in our business, particularly with respect to the fourth quarter of our fiscal year. Our consumer businesses, which include advertising revenue, make up a large percentage of our revenue, and the fourth quarter has traditionally been the seasonally strongest quarter for Internet advertising.

#### Research and Development

We devote a substantial portion of our resources to developing new products, enhancing existing products, expanding and improving our fundamental technology, and strengthening our technological expertise in all our businesses. During the years ended December 31, 2014, 2013, and 2012, we expended 34%, 30% and 24%, respectively, of our revenue on research and development activities.

Sales, Marketing and Distribution

Our marketing programs are aimed at increasing brand awareness of our products and services and stimulating demand. We use a variety of methods to market our products and services, including paid search advertising, affiliate marketing programs, advertising in print, electronic and other online media, direct mail and email offers to qualified potential and existing customers, and providing product specific information through our websites. We also cross-market products and services offered by some of our businesses through the RealPlayer and Games marketing and distribution channels. We also have subsidiaries and offices in several countries that market and sell our products outside the U.S.

Our products and services are marketed through direct and indirect channels. We use public relations, trade shows, events and speaking opportunities to market our products and services. We also use a variety of online channels, including social media, to promote and sell our products and services directly.

We market and sell our RealPlayer services directly through our own websites such as Real.com, as well as indirectly through affiliate partnerships.

Our Mobile Entertainment sales, marketing and business development team works closely with many of our enterprise, infrastructure, wireless, broadband and media customers to identify new business opportunities for our entertainment applications, services and systems. Through ongoing communications with the product and marketing divisions of our customers, we tailor our SaaS offerings to their strategic needs and the needs of their subscribers. Our games are marketed directly from our websites and through third-party distribution channels, such as search engines, online portals, mobile phone application stores, major social networks and content publishers.

#### **Customer Support**

Customer support is integral to the provision of nearly all of our consumer products and services. Consumers who purchase and use our consumer software products and services can get assistance via the Internet, email or telephone, depending on the product or service. For most of our consumer products, we contract with third-party outsource support vendors to provide the primary staffing for our first-tier customer support globally. We also provide various support service options for our business customers and for software developers using our software products and associated services. Support service options include hotline telephone support, online support services, and on-site support personnel covering technical and business-related support topics.

#### Competition

The market for software and services for digital media delivery over the Internet and wireless networks is intensely competitive. Many of our current and potential competitors have longer operating histories, greater name recognition or brand awareness, more employees or significantly greater resources than we do.

Our RealPlayer Cloud product faces significant competition from cloud storage providers, including several large, well-resourced companies, as well as video sharing services, which include both well known, firmly established companies and entrepreneurial, nimble startups. In addition, as we continue to develop this product and expand its reach, we expect to see growing competition from companies offering innovative features for engaging with users' video content. Our RealPlayer media player continues to face competition from alternative streaming media playback technologies which have obtained very broad market penetration.

In our Mobile Entertainment segment, our SaaS business competes with a large and diverse number of domestic and international companies, and each of our SaaS offerings tends to face competitors specific to that product or service. Our SaaS business continues to experience significant competitive pricing pressure from carriers and the proliferation of smartphone applications and services, some of which do not depend on our carrier customers for distribution to consumers. Many of our SaaS services require a high degree of integration with carrier or service provider networks and thus require a high degree of operational expertise. In addition, our ability to enhance services with new features as the digital entertainment market evolves is critical to our competitive position, as is our knowledge of the consumer

environment to which these services are targeted.

Our Games business competes with a variety of distributors, publishers and developers of casual games for PC and mobile platforms and for social networks. We compete in this market primarily on the basis of the quality and convenience of our services, the reach and quality of our distribution and the quality and breadth of our game catalog. In addition, the market for casual games has become increasingly price competitive in recent years. Our in-house content development studios compete

with other developers and publishers of social and mobile games based on our ability to develop and publish high quality games that resonate with consumers, our effectiveness at building our brands, and our ability to secure broad distribution relationships with major social networks and mobile carriers. Our social and mobile games compete with a range of developers. Our family of websites serving the PC casual games market competes with other high volume distribution channels for downloadable, online and social games.

#### **Intellectual Property**

As of December 31, 2014, we had seven U.S. patents, 43 South Korean patents, 13 patents in other countries and more than 30 pending patent applications worldwide relating to various aspects of our technology. In 2012, we completed the sale of certain patents, patent applications and related rights held by us, and certain of our assets relating to our next generation video codec technologies to Intel. We regularly analyze our patent portfolio and prepare additional patent applications on current and anticipated features of our technology in various jurisdictions across the world. In addition to our patent portfolio, we have assembled, over time, an international portfolio of trademarks and service marks that covers certain of our products and services. We also have applications pending for additional trademarks and service marks in jurisdictions around the world, and have several unregistered trademarks. Many of our marks begin with the word "Real" (such as RealPlayer). We are aware of other companies that use "Real" in their marks alone or in combination with other words, and we do not expect to be able to prevent all third-party uses of the word "Real" for all goods and services.

Our ability to compete across our businesses partly depends on the superiority, uniqueness and value of the technology that we both develop and license from third parties. To protect our proprietary rights, we rely on a combination of patent, trademark, copyright and trade secret laws, confidentiality agreements with our employees and third parties, and protective contractual provisions. These efforts to protect our intellectual property rights may not be effective in preventing misappropriation of our technology, or may not prevent the development and design by others of products or technologies similar to or competitive with those we develop.

At December 31, 2014, we had approximately 769 employees, of which 359 were based in the Americas, 251 were based in Asia, and 159 were based in Europe. None of our employees are subject to a collective bargaining agreement. Position on Charitable Responsibility

In periods when we have achieved sustained profitability, we intend to donate 5% of our net income to charitable organizations, which will reduce our net income for those periods. The non-profit RealNetworks Foundation, established in 2001, manages a substantial portion of our charitable giving efforts. Through the Foundation, we support our employees' philanthropic efforts by matching their donations of time and money to charitable organizations.

#### **Available Information**

Our corporate Internet address is www.realnetworks.com. We make available free of charge on www.investor.realnetworks.com our annual reports on Form 10-K, quarterly reports on Form 10-Q and current reports on Form 8-K, and amendments to these reports, as soon as reasonably practicable after we electronically file such material with, or furnish it to, the Securities and Exchange Commission (SEC). However, the information found on our corporate website is not part of this or any other report.

Item 1A. Risk Factors

You should carefully consider the risks described below together with all of the other information included in this annual report on Form 10-K. The risks and uncertainties described below are not the only ones facing our company. Additional risks and uncertainties not presently known to us or that we presently deem less significant may also impair our business operations. If any of the following risks actually occurs, our business, financial condition or operating results, and the trading price of our common stock, could be materially harmed.

Our business and financial results will be materially adversely impacted if we are unable to successfully implement our growth plan, strategic initiatives, and restructuring efforts.

Beginning in mid-2012, we have developed a growth plan that involves the launch of at least one major new product in each of our three business units. In tandem with our growth plan, we have embarked upon strategic initiatives intended to simplify and accelerate our operations, and restructuring efforts intended to streamline costs and bring more focus to our businesses. The simultaneous execution of all of these measures is ambitious and we have not attempted to pursue this level of

\_

transition in our history. We can provide no assurance that we will be successful in implementing our growth plan, strategic initiatives, and restructuring efforts, either in a timely manner or at all, and our failure to do so would have a material adverse impact on our business and financial results.

We need to successfully introduce and monetize new products and services to sustain and grow our businesses. In order to sustain our current level of business and to implement our growth plan, we must successfully introduce and monetize new products and services. The process of developing new, and enhancing existing, products and services is complex, costly and uncertain, and is subject to a number of risks. Providing products and services that are attractive and useful to subscribers and consumers is in part subject to unpredictable and volatile factors beyond our control, including end-user preferences and competing products and services. Any failure by us to timely respond to or accurately anticipate consumers' changing needs, emerging technological trends or important changes in the market or competition for products and services that we introduce, or that we plan to introduce, could increase the current rate of decline in our market share or result in the loss of market opportunities. In addition, we must make long-term investments, develop or obtain appropriate intellectual property and commit significant resources before knowing whether the products and services that we are developing will meet the needs of a large enough group of consumers, which may result in no return or a loss on our investments.

During 2013 and 2014, each of our businesses introduced at least one new product or service. In early 2014, our RealPlayer business completed the global launch of RealPlayer Cloud, our integrated video player and cloud service. In November 2013, our Mobile Entertainment business completed its European launch of LISTEN, an application and service for smartphone users featuring ringback tones and other services. LISTEN was launched with T-Mobile in the U.S. in April 2014. In August 2013, our Games business launched GameHouse Casino Plus with the Golden Dreams Sweepstakes feature and, in September 2014, launched Slingo Adventure. To date, we have not generated significant revenue from any of these new products and services. Over the past several quarters, we have invested heavily in the development of these and other new products and enhanced features for such products, and we expect to continue to invest heavily both in further development and in sales and marketing efforts aimed at monetizing these products and services. These investments have and are expected to continue to have a significant negative impact on our cash position and there can be no assurance that our efforts will generate any meaningful revenue. If we are unable to generate sustained interest in these products and services, and therefore drive revenue growth, our financial results will be materially negatively impacted.

Furthermore, new products and services may be subject to legal challenge. Responding to any such claims may require us to enter into royalty and licensing agreements on unfavorable terms, require us to stop distributing or selling, or to redesign our products or services, or to pay damages, any of which could materially harm our operating results and our ability to grow our businesses.

Our legacy products and services face new and continuing challenges, causing our revenues to materially decline. As we increasingly focus our development and sales and marketing efforts on our newly launched products and services, sales of our legacy products and services have suffered and will continue to suffer. For instance, while the efforts of our RealPlayer team are targeted increasingly towards enhanced development and monetization of our new RealPlayer Cloud product, we have significantly reduced our marketing of SuperPass and have redirected our development resources away from RealPlayer Plus, both of which have resulted in declines in the number of subscribers of those legacy products.

Our legacy products and services also face continuing market challenges, including the rapid move to smartphones and tablets, and the introduction of new operating systems. We have historically distributed our legacy products and services through desktop computers and feature phones, but the number of people who access similar products and services through smartphones and tablets has increased dramatically in the past several years. There are many challenges involved in developing and marketing products and services for users of smartphones and tablets, and there is no guarantee that we will be able to transition or effectively monetize our legacy products and services to these devices. In addition, our consumer-based products and services have historically been distributed through desktop operating platforms. As new operating systems are introduced or updated for these platforms, we are likely to continue to face difficulties reaching our traditional customer base and other unknown distribution challenges. If we continue to have difficulty transitioning our legacy products and services for use on new devices or updated operating systems, then our revenues will continue to decline and our business could be significantly harmed.

Our restructuring efforts may not yield the anticipated benefits to our shareholders.

Since 2012, we have taken steps to restructure and simplify our business and operations. In September 2012, we announced plans to divisionalize our business, which we implemented during the first quarter of 2013, and to significantly reduce operating expenses, in part through a reduction in our workforce that was substantially concluded by the end of the second quarter of 2013. In August 2014, we announced a further reduction in our workforce and related cost reductions. We

continue to assess opportunities to further streamline our operations and make our businesses more efficient. There can be no assurance, however, that our past or future restructuring efforts will be successful. Our business and operations may be harmed to the extent there is customer or employee uncertainty surrounding the future direction of our product and service offerings and strategy for our businesses. Our restructuring activities have included implementing cost-cutting initiatives, which may not lead to future profitability and which could materially impact our ability to compete in future periods. If we are unable to effectively re-align the cost structure of our businesses or streamline and simplify our operations, our stock price may continue to be adversely affected, and we and our shareholders will not realize the anticipated financial, operational and other benefits from such initiatives. Our businesses face substantial competitive challenges that may prevent us from being successful in those businesses, and may negatively impact future growth in those businesses.

Many of our current and potential competitors in our businesses have longer operating histories, greater name recognition, more employees and significantly greater resources than we do. To effectively compete in the markets for our products and services, we may experience the following consequences, any of which would adversely affect our operating results and the trading price of our stock:

reduced prices or margins,

loss of current and potential customers, or partners and potential partners who provide content we distribute to our customers,

changes to our products, services, technologies, licenses or business practices or strategies,

dengthened sales cycles,

industry-wide changes in content distribution to customers or in trends in consumer consumption of digital media products and services,

pressure to prematurely release products or product enhancements, or

degradation in our stature or reputation in the market.

The market for mobile entertainment services, including our ringback tones and music on demand solutions, is highly competitive and evolving rapidly, particularly with the growth in the use of smartphones. Increased use of smartphones has resulted in a proliferation of applications and services that compete with our SaaS services and, in many cases, are not dependent upon our carrier customers to make them available to subscribers. Increased competition has in the past resulted in pricing pressure, forcing us to lower the selling price of our services. We expect this pricing pressure to continue to materially harm our operating results and financial condition.

Our recently launched RealPlayer Cloud product faces competition from other cloud service providers, including some that are firmly established in the marketplace and have access to extensive resources, as well as video sharing services, which include both well known and established companies and entrepreneurial startups. In addition, as we continue to develop this product and expand its reach, we expect to see growing competition from companies offering innovative features for engaging with users' video content. Our RealPlayer software services compete with alternative streaming media playback technologies and audio and video formats which have obtained very broad market penetration. If we are unable to compete successfully, most notably through the development, marketing and monetization of RealPlayer Cloud, our RealPlayer business could continue to decline.

The branded services in our Games business compete with other online aggregators and distributors of online, downloadable and social casual PC games. Some of these competitors have high volume distribution channels and greater financial resources than we do. Our Games business also competes with many other smaller companies that may be able to adjust to market conditions, including responding effectively to the growing popularity of casual games on social networks, faster than us. We also face significant price competition in the casual games market, and some of our competitors may be able to lower prices more aggressively than us. We expect competition to continue to intensify in this market from these and other competitors. Our games development studios compete primarily with other developers of online, downloadable, mobile and social casual PC games and must continue to develop popular and high-quality game titles. Our Games business must also continue to execute on opportunities to expand the play of our games on a variety of non-PC platforms, including social networks, in order to maintain our competitive position and to grow the business. If we are unable to slow recent revenue declines or achieve future growth in our revenue, particularly as we continue to invest in social and mobile games as the market for these games continues to rapidly evolve, revenue in our Games business will continue to decline and the business will suffer.

Contracts with our carrier customers subject us to significant risks that could negatively impact our revenue or otherwise harm our operating results.

We derive a material portion of our revenue from the SaaS offerings we provide to carriers. Many of our SaaS contracts with carriers provide for revenue sharing arrangements, but we have little control over the pricing decisions of our carrier customers. Furthermore, most of these contracts do not provide for guaranteed minimum payments or usage levels. Because most of our carrier customer contracts are nonexclusive, it is possible that our mobile carrier customers could purchase similar services from third parties and cease to use our services in the future. As a result, our revenue derived under these agreements could be substantially reduced depending on the pricing and usage decisions of our carrier customers. In addition, some of our SaaS contracts require us to incur significant set-up costs prior to the launch of services with a carrier customer. For example, in the fourth quarter of 2011, we reduced our forecast for profitability associated with certain carrier customer contracts for which the total costs exceeded the total revenue we expect to recognize from these contracts, and as a result, we recorded impairment of deferred costs totaling \$20.0 million. We may be required to record additional impairments or other charges in future periods related to our carrier customer contracts, which would negatively impact our results of operations.

In addition, none of our SaaS contracts with carriers obligates our carrier customers to market or distribute any of our SaaS offerings. Despite the lack of marketing commitments, revenue related to our SaaS offerings is, to a large extent, dependent upon the marketing and promotion activities of our carrier customers. In addition, many of our carrier contracts are short term and allow for early termination by the carrier with or without cause. These contracts are therefore subject to renegotiation of pricing or other key terms that could be adverse to our interests and leave us vulnerable to non-renewal by the carriers. The loss of carrier customers, a reduction in marketing or promotion of our SaaS offerings, or the termination, non-renewal or renegotiation of contract terms that are less favorable to us would result in the loss of future revenues from our SaaS offerings.

Finally, nearly all of our carrier contracts obligate us to indemnify the carrier customer for certain liabilities and losses incurred by them, including liabilities resulting from third party claims for damages that arise out of the use of our technology. These indemnification terms provide us with certain procedural safeguards, including the right to control the defense of the indemnified party. Pursuant to these indemnifications obligations, we have in the past agreed to control the defense on behalf of certain of our carrier customers related to patent infringement proceedings, In 2013, we settled two such litigation matters. Future claims against which we may be obligated to defend our carrier customers could result in payments that could materially harm our business or our consolidated financial statements. A majority of the revenue that we generate in our Mobile Entertainment business segment is dependent upon our relationships with a few customers, and any deterioration of these relationships could materially harm our revenue. We generate a significant portion of our revenue from sales of our mobile entertainment services to a few of our mobile carrier customers, including SK Telecom, a leading wireless carrier in South Korea, and its affiliates. In the near term, we expect that we will continue to generate a significant portion of our total revenue from these customers. If these customers fail to market or distribute our services or terminate or fail to renew their business contracts with us, or if our relationships with these customers deteriorate in any significant way, we may be unable to replace the affected business arrangements with acceptable alternatives. Failure to maintain our relationships with these customers could have a material negative impact on our revenue.

We may not be successful in maintaining and growing our distribution of digital media products. Maintaining and growing the distribution of digital media products through our websites and our other distribution channels has historically been important to our business, including growth through the introduction of new products and services distributed through these channels. It is unlikely that consumers will continue to download and use our digital media products consistent with past usage, so we expect that our ability to generate revenue from those products will be continue to be reduced, which could lead to lower than expected adoption of newly introduced products and services. Our inability to maintain continued high volume distribution of our digital media products could also hold back the growth and development of related revenue streams from these market segments, including the distribution of third-party products and sales of our subscription services, and therefore could harm our business and our prospects. Our revenue from the distribution of third-party products will also be negatively impacted if those products are not widely downloaded by consumers, including due to the relative market saturation of such products. Most of our revenue from the distribution of third-party products was historically derived from a single customer, however, that relationship ended during the third quarter of 2014, and we entered into an agreement with a new

distribution partner. Our distribution revenue has been, and we expect will continue to be, materially negatively impacted by these factors.

Our operating results are difficult to predict and may fluctuate, which may contribute to continued weakness in our stock price.

The trading price for our common stock has a history of volatility. Although our recent stock price history shows more stability, with a range from \$6.00 to \$8.38 per share during the 52-week period ended December 31, 2014 it also shows continued weakness. As a result of the rapidly changing markets in which we compete, our operating results may fluctuate from period to period, which may contribute to volatility of our stock price.

In past periods, our operating results have been affected by personnel reductions and related restructuring charges, lease exit and related charges, and impairment charges for certain of our equity investments, goodwill and other long-lived assets. In addition to these factors, the general difficulty in forecasting our operating results and metrics could result in actual results that differ significantly from expected results, causing volatility and continued weakness in our stock price.

Certain of our product and service investment decisions (for example, research and development and sales and marketing efforts) are based on predictions regarding business and the markets in which we compete. Fluctuations in our operating results, particularly when experienced beyond what we expected, could cause the trading price of our stock to fluctuate. Weakness in our operating performance is likely to cause continued weakness in our stock price. Any impairment to our goodwill, indefinite-lived intangible assets and definite-lived assets could result in a significant charge to our earnings.

In accordance with accounting principles generally accepted in the United States, we are required to test goodwill and indefinite-lived intangible assets for possible impairment on an annual basis based upon a fair value approach, or more frequently in the event of certain indications of possible impairment. We review definite-lived assets for impairment whenever events or changes in circumstances indicate the carrying amount of such assets may not be recoverable. These events or circumstances could include a significant change in the business climate, including a significant sustained decline in a reporting unit's market value, legal factors, operating performance indicators, competition, sale or disposition of a significant portion of our business, a significant sustained decline in our market capitalization and other factors. If we were to determine that an impairment had occurred, we would be required to record an impairment charge, which could have a significant negative, and unpredicted, impact on our financial results. The total carrying value of our goodwill, indefinite-lived intangible assets and definite-lived assets as of December 31, 2014 was \$44 million.

Continued loss of revenue from our subscription services may continue to harm our operating results.

Our operating results have been and could continue to be adversely impacted by the loss of subscription revenue related to our legacy services and by the failure to generate revenue related to our new services. Subscribers may cancel their subscriptions to our services for many reasons, including a perception that they do not use the services sufficiently or that the service does not provide enough value, a lack of attractive or exclusive content generally or as compared with competitive service offerings, or because customer service issues are not satisfactorily resolved. Revenue from our SuperPass subscription service, for example, has declined in recent periods due to changes in consumer preferences and changes on our part to focus on other products and services we offer, and we expect these trends to continue. For the subscription services we offer, we must continue to obtain compelling digital media content for our video and games services in order to maintain and increase usage and overall customer satisfaction for these products. Our operating results may be negatively impacted if we cannot obtain content for our subscription services on commercially reasonable terms.

Government regulation of the Internet is evolving, and unfavorable developments could have an adverse effect on our operating results.

We are subject to regulations and laws specific to the marketing, sale and delivery of goods and services over the Internet. These laws and regulations, which continue to evolve, cover taxation, user privacy, data collection and protection, copyrights, electronic contracts, sales procedures, automatic subscription renewals, credit card processing procedures, consumer protections, digital games distribution, broadband Internet access and content restrictions. We cannot guarantee that we have been or will be fully compliant in every jurisdiction, as it is not entirely clear how existing laws and regulations governing issues such as privacy, taxation and consumer protection apply or will be enforced with respect to the products and services we sell through the Internet. Moreover, as Internet commerce continues to evolve, increasing regulation and/or enforcement efforts by federal, state and foreign agencies and the prospects for private litigation claims related to our data collection, privacy policies or other e-commerce practices become more likely. In addition, the adoption of any laws or regulations or the imposition of other legal requirements

that adversely affect our ability to market, sell, and deliver our products and services could decrease our ability to offer or customer demand for our service offerings, resulting in lower revenue. Future regulations, or changes in laws and regulations or their existing interpretations or applications, could also require us to change our business practices, raise compliance costs or other costs of doing business and result in additional historical or future liabilities for us, resulting in adverse impacts on our business and our operating results.

As a consumer-facing business, we receive complaints from our customers regarding our consumer marketing efforts and our customer service practices. Some of these customers may also complain to government agencies, and from time to time, those agencies have made inquiries to us about these practices. In addition, we may receive complaints or inquiries directly from governmental agencies that have not been prompted by consumers. In May of 2012, we resolved an investigation and complaint filed against us by the Washington State Office of the Attorney General, or Washington AG, relating to our consumer marketing practices through the entry of a consent decree filed in King County, Washington Superior Court. While we resolved that matter, we cannot provide assurance that the Washington AG or other governmental agencies will not bring future claims regarding our marketing, or consumer services or other practices.

Global and national economic conditions have in the past and could in the future have a material adverse impact on our business, financial condition and results of operations.

Our business and operations depend significantly on global and national economic conditions. Because consumers may consider the purchase of our digital entertainment products and services to be a discretionary expenditure, their decision whether to purchase our products and services may be influenced by macroeconomic factors that affect consumer spending such as unemployment, access to credit, negative financial news, and declines in income. In addition, our carrier customers and business partners may reduce their business or advertising spending with us in the face of adverse macroeconomic conditions, such as financial market volatility, government austerity programs, tight credit, and declines in asset values. We have in the past recorded material asset impairment charges due in part to weakness in the global economy, and we may need to record additional impairments to our assets in future periods in the event of renewed weakness and uncertainty in the global or national economy. Accordingly, any significant weakness in the national and/or global economy could materially impact our business, financial condition and results of operations in a negative manner.

Rhapsody could continue to recognize losses, which would negatively impact our results of operations and financial condition.

On March 31, 2010, we completed the restructuring of our digital audio music service joint venture, Rhapsody America LLC. As a result of the restructuring, we no longer have operational control over Rhapsody and Rhapsody's operating performance is no longer consolidated with our consolidated financial statements. Rhapsody has generated accounting losses since its inception and we have recognized losses on our investment in the convertible preferred stock of Rhapsody since the restructuring. If Rhapsody continues to incur losses, or if it otherwise experiences a significant decline in its business, we may incur further losses on our investment, which could have an adverse effect on our financial condition and results of operations. See Note 4, Rhapsody Joint Venture, for details on the liquidation preference on our convertible preferred investment.

Given the current proportion of the outstanding equity of Rhapsody that we hold, we need to receive Rhapsody's unaudited quarterly financial statements and related information in order to timely prepare our quarterly consolidated financial statements and also to report certain of Rhapsody's financial results, as may be required, in our quarterly reports on Form 10-Q. In addition, we may be required to include Rhapsody's annual audited financial statements in our annual report on Form 10-K in future periods. As we no longer exert operational control over Rhapsody, we cannot guarantee that Rhapsody will deliver its financial statements and related information to us in a timely manner, or at all, or that the unaudited financial statement information provided by Rhapsody will not contain inaccuracies that are material to our reported results. Any failure to timely obtain Rhapsody's quarterly financial statements or to include its audited financial statements in our future annual reports on Form 10-K, if required, could cause our reports to be filed in an untimely manner, which would preclude us from utilizing certain registration statements and could negatively impact our stock price.

The loss of key personnel, or difficulty recruiting and retaining them, could significantly harm our business or jeopardize our ability to meet our growth objectives.

Our success depends substantially on the contributions and abilities of certain key executives and employees. We have experienced a significant amount of executive-level turnover in the past several years, which has had and could continue to have a negative impact on our ability to retain key employees. Rob Glaser, our founder, Chairman and initial chief executive officer, resigned as chief executive officer in 2010, was appointed as interim chief executive officer in July 2012, and was named permanent chief executive officer in July 2014. In addition, each member of our

executive team is either new to RealNetworks or new to his or her executive position. We cannot provide assurance that we will effectively manage these executive-level transitions, which may impact our ability to retain key executives and employees and which could harm our business and operations to the extent there is customer or employee uncertainty arising from such transitions.

Our success is also substantially dependent upon our ability to identify, attract and retain highly skilled management, technical and sales personnel. Qualified individuals are in high demand and competition for such qualified personnel in our industry, particularly engineerin