

# SECURITIES & EXCHANGE COMMISSION EDGAR FILING

## GLOWPOINT, INC.

**Form: 10-K**

**Date Filed: 2017-03-31**

Corporate Issuer CIK: 746210

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, 2016  
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: 001-35376

**GLOWPOINT, INC.**

(Exact name of registrant as specified in its charter)

**Delaware**

(State or other jurisdiction of  
incorporation or organization)

**77-0312442**

(I.R.S. Employer Identification No.)

**1776 Lincoln Street, Suite 1300, Denver, CO**

(Address of principal executive offices)

**80203**

(Zip Code)

**Registrant's telephone number, including area code:** (303) 640-3838

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

<u>Title of each class</u>	<u>Name of each exchange on which registered</u>
Common Stock, \$0.0001 par value	NYSE MKT

**Securities registered pursuant to Section 12(g) of the Exchange Act:** None.

Indicate by check mark if the registrant is a well-known seasoned issuer, as defined in the Rule 405 of the Securities Act of 1933. Yes  No

Indicate by check mark if the registrant is not required to file reports pursuant to Section 13 or Section 15(d) of the Securities Exchange Act of 1934. Yes  No

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  No

Indicate by check mark whether the registrant has submitted electronically and posted on its corporate Web site, 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  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 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.

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 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

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 Securities Exchange Act of 1934). Yes  No

The aggregate market value of the voting and non-voting common equity held by non-affiliates of the Registrant computed by reference to the price at which the common equity was last sold, or the average bid and asked price of such common equity, as of June 30, 2016, the last business day of the Registrant's most recently completed second fiscal quarter, was approximately \$5,946,000.

The number of shares of the Registrant's common stock outstanding as of March 27, 2017 was 36,534,840.

#### **DOCUMENTS INCORPORATED BY REFERENCE**

Portions of the Proxy Statement for the 2017 Annual Meeting of Stockholders, to be filed with the Securities and Exchange Commission not later than 120 days after December 31, 2016, are incorporated by reference into Part III of this Annual Report on Form 10-K.

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**GLOWPOINT, INC.**  
**Index**

Item		Page
PART I		
1.	Business	<a href="#">1</a>
1A.	Risk Factors	<a href="#">8</a>
1B.	Unresolved Staff Comments	<a href="#">15</a>
2.	Properties	<a href="#">15</a>
3.	Legal Proceedings	<a href="#">15</a>
4.	Mine Safety Disclosures	<a href="#">15</a>
PART II		
5.	Market for Registrant's Common Equity and Related Stockholder Matters and Issuer Purchases of Equity Securities	<a href="#">15</a>
6.	Selected Financial Data	<a href="#">17</a>
7.	Management's Discussion and Analysis of Financial Condition and Results of Operations	<a href="#">17</a>
7A.	Qualitative and Quantitative Disclosures About Market Risk	<a href="#">23</a>
8.	Financial Statements and Supplemental Data	<a href="#">23</a>
9.	Change in and Disagreements with Accountants on Accounting and Financial Disclosure	<a href="#">23</a>
9A.	Controls and Procedures	<a href="#">23</a>
9B.	Other Information	<a href="#">24</a>
PART III		
10.	Directors, Executive Officers and Corporate Governance	<a href="#">24</a>
11.	Executive Compensation	<a href="#">24</a>
12.	Security Ownership of Certain Beneficial Owners and Management and Related Stockholder Matters	<a href="#">24</a>
13.	Certain Relationships and Related Transactions, and Director Independence	<a href="#">24</a>
14.	Principal Accounting Fees and Services	<a href="#">25</a>
PART IV		
15.	Exhibits and Financial Statement Schedules	<a href="#">26</a>
	Signatures	<a href="#">29</a>

## CAUTIONARY STATEMENT REGARDING FORWARD-LOOKING STATEMENTS

This annual report on Form 10-K (this "Report") contains statements that are considered forward-looking statements within the meaning of Section 27A of the Securities Act of 1933, as amended, and its rules and regulations (the "Securities Act"), and Section 21E of the Securities Exchange Act of 1934, as amended, and its rules and regulations (the "Exchange Act"). These forward-looking statements include, but are not limited to, statements about the plans, objectives, expectations and intentions of Glowpoint, Inc. ("Glowpoint" or "we" or "us" or the "Company"). All statements other than statements of current or historical fact contained in this Report, including statements regarding Glowpoint's future financial position, business strategy, budgets, projected costs and plans and objectives of management for future operations, are forward-looking statements. The words "anticipate," "believe," "estimate," "expect," "intend," "may," "plan," and similar expressions, as they relate to Glowpoint, are intended to identify forward-looking statements. These statements are based on Glowpoint's current plans, and Glowpoint's actual future activities and results of operations may be materially different from those set forth in the forward-looking statements. These forward-looking statements are subject to risks and uncertainties that could cause actual results to differ materially from the statements made. Any or all of the forward-looking statements in this Report may turn out to be inaccurate. Glowpoint has based these forward-looking statements largely on its current expectations and projections about future events and financial trends that it believes may affect its financial condition, results of operations, business strategy and financial needs. The forward-looking statements can be affected by inaccurate assumptions or by known or unknown risks, uncertainties and assumptions. There are important factors that could cause actual results to differ materially from those expressed or implied by these forward-looking statements, including our plans, objectives, expectations and intentions and other factors that are discussed under the section entitled "Risk Factors". Glowpoint undertakes no obligation to publicly revise these forward-looking statements to reflect events occurring after the date hereof. All subsequent written and oral forward-looking statements attributable to Glowpoint or persons acting on its behalf are expressly qualified in their entirety by the cautionary statements contained in this Report. Forward-looking statements in this Report include, among other things: our ability to meet commercial commitments; our expectations and estimates relating to customer attrition, sales cycles, future revenues, expenses and cash flows; the status of our largest customer; our anticipated capital expenditures for 2017; estimated 2017 principal payments on our debt arrangements; our ability to service debt obligations and fund operations; compliance with financial covenants under our debt arrangements; our ability to refinance our indebtedness and/or renegotiate existing financial covenants; expectations regarding adjustments to our cost of revenue and other operating expenses; our ability to raise capital through sales of additional equity or debt securities and/or loans from financial institutions; our ability to continue as a going concern; our beliefs about employee relations; statements relating to market need, evolution of our solutions and our service platforms; our beliefs about the service offerings of our competitors and our ability to differentiate Glowpoint's services; adequacy of our internal controls; statements regarding our information systems and our ability to protect and prevent security breaches; expectations relating to additional patent protection; and beliefs about the strength of our intellectual property, including patents.

## PART I

### Item 1. Business

#### Overview

Glowpoint, Inc. ("Glowpoint" or "we" or "us" or the "Company") is a managed service provider of video collaboration and network applications. Our services are designed to provide a comprehensive suite of automated and concierge applications to simplify the user experience and expedite the adoption of video as the primary means of collaboration. Our customers include Fortune 1000 companies, along with small and medium enterprises in a variety of industries. We market our services globally through a multi-channel sales approach that includes direct sales and channel partners. The Company was formed as a Delaware corporation in May 2000. The Company operates in one segment and therefore segment information is not presented.

We experienced significant declines in revenue during 2016 and 2015. These revenue declines are primarily due to net attrition of customers and lower demand for our services given the competitive environment and pressure on pricing that currently exists in our industry. The Company is party to a loan agreement with Main Street Capital Corporation ("Main Street"), as lender and as administrative agent and collateral agent for itself and the other lenders from time to time party thereto (the "Main Street Loan Agreement"). As a result of the Company's declining revenue and Adjusted EBITDA, the Company breached certain financial covenants in the Main Street Loan Agreement as of June 30, 2016, September 30, 2016 and December 31, 2016. Main Street has not provided a waiver of any of the existing defaults, and thus, Main Street may seek a variety of remedies under the loan documents including, without limitation, acceleration of the indebtedness owing under the Main Street Loan Agreement. The Company anticipates future covenant breaches and reduced cash flow from operations that will require a restructuring of our debt obligations and additional capital to fund investments in product development and sales and marketing as a means to reverse our revenue trends. These factors and the other factors described below raise substantial doubt as to our ability to continue as a going concern.

## Our Services

### Video Collaboration Services

We provide a wide range of video collaboration services, from automated to orchestrated, to address the spectrum of user experience and business applications, in an effort to drive adoption of video throughout the enterprise. We deliver our services through a hybrid service platform or as a service layer on top of our customers' video infrastructure. We provide our customers with the following suite of services to meet their videoconferencing needs:

**Managed Videoconferencing** is a "high-touch" concierge-based offering where Glowpoint sets up and manages customer videoconferences. We offer managed videoconferencing both as a cloud-based service, with videoconferences hosted in the Glowpoint Cloud, as described below under the heading "Intellectual Property", and as an on-premise solution leveraging the customer's existing video infrastructure. Managed videoconferencing is available globally and works effectively across multiple networks and video devices, including desktop and mobile devices. Despite a trend to move towards "self-service," our customers remain reliant on our scheduling, event support and conference management services. Our managed videoconferencing services are offered to our customers on either a usage basis or on a monthly subscription. These services include:

**Scheduling:** Customers can schedule their videoconference using Microsoft Outlook®, Cisco TelePresence Management Suite®, or through Glowpoint's CustomerPoint® web portal.

**Call Launching:** Once the videoconference is scheduled, it automatically launches at the designated time. Glowpoint will "bridge" the videoconference by calling the selected video endpoints at the time of the scheduled call and making sure they are properly connected. We believe that automated launching creates cost efficiencies for both customers and Glowpoint and provides a desired evolution path that aligns with the market trend towards increasing self-service models.

**Conference Monitoring & Support:** Glowpoint's systems will monitor the video meeting to make sure everything remains properly connected and operable during a conference. If an incident occurs during a meeting, one of our conference producers can reconnect and/or fix issues per standard practices or as requested by the customer.

**Conference Reports:** Customer administrators can generate reports through our portal to show videoconference details, statistics and success rates.

**JoinMyVideo™** is an on-demand video meeting room ("VMR") service that allows users to join from web browsers, desktops, mobile apps, and commonly used videoconferencing systems. We introduced JoinMyVideo™ in the first quarter of 2015 to meet customers' needs to use video communications in a mobile environment, as discussed further under the heading "Market Need". With JoinMyVideo™, users are able to manage the participants in the video meeting, allowing up to 24 participants to join the meeting. JoinMyVideo™ is a cloud-based software-as-a-service solution, so the customer has no infrastructure to buy and maintain. JoinMyVideo™ is offered to our customers on a monthly subscription basis.

**Hybrid Videoconferencing** helps enterprises migrate from managed videoconferencing to VMRs by bringing together attributes of both services. Users can schedule their VMR, add endpoints, and send invitations to participants through an online portal. At the scheduled time, the VMR is launched, connecting the scheduled endpoints and allowing self-service users to join from video systems and desktop and mobile video apps. We introduced our Hybrid Video Conferencing service in the first quarter of 2015 as we believe that merging these connection capabilities accommodates all types of users and meetings.

**Video Meeting Suites** provide remote access to videoconferencing for everyday business meetings and events, allowing our customers to conduct meetings and events in over 4,000 physical meeting suites across 1,300 cities without investing in video devices or infrastructure. We have partnered with the owners of these videoconference centers and arrange for our customers to hold videoconferences at convenient locations across the world based on customers' needs. Our primary service includes the scheduling and management of a highly orchestrated business-class meeting for a professional meeting experience. As part of the extended offering beyond the physical office suite, we also enable participants who elect to use a mobile device to join a video conference from anywhere in the world. These services are largely usage-based. We also offer our customers monthly subscription rates based on a fixed number of concurrent users.

**Webcasting** events enable our customers to stream live video feeds to up to thousands of viewers through their browsers and mobile devices. Enterprises often use this service on a quarterly basis for earnings calls and town hall events.

### Remote Service Management

Our Remote Service Management provides an overlay to enterprise information technology ("IT") and channel partner support organizations and provides 24/7 support and management of customer video environments. Our services are designed to align with a globally recognized set of best practices, Information Technology Infrastructure Library ("ITIL"), to standardize processes and communicate through a consistent set of terms with our customers and partners. We leverage a best-in-class IT service management ("ITSM") provider, ServiceNow Inc., to systematically provide Remote Service Management, as well as enable Glowpoint to integrate with an enterprise's systems and workflows.

We offer, on a monthly subscription basis, three tiers of Service Management options, ranging from automated monitoring to end-to-end management to complement the needs of IT support organizations, as described below:

**Resolve - Total Support** is our most comprehensive management and support service and targets enterprises that want to completely offload day-to-day operations of their video environment to Glowpoint. We provide:

**24x7 Support Desk:** Around-the-clock access to our expert staff via phone and email for support inquiries.

**Incident Management:** Systematic management of incidents from service request to closure. All incidents are tracked and visible from our online ITSM portal.

**Problem Management:** Root cause analysis and coordination to prevent and quickly repair incidents.

**Change Management:** Management of maintenance contracts for infrastructure and endpoints to ensure systems are up to date, operating at peak performance, and have coverage from the manufacturer.

**Site Certifications:** Baseline testing of endpoints to make sure they are configured for optimal performance.

**Service Level Agreements ("SLA"):** Performance guarantees with our SLA backed services.

**Helpdesk** provides level 1 support and allows enterprise IT to scale and expand the reach of support to end users. We complement the existing staff by taking the initial service request from the end users and providing incident management. We provide:

**24x7 Support Desk:** Around-the-clock access to our expert staff via phone and email for support inquiries.

**Incident Management:** Systematic management of minor incidents, general service inquiries, and an initial assessment for major and critical incidents. We escalate major incidents to the appropriate and responsible parties.

**Proactive Monitoring** is a remote and automated monitoring service that detects events and alerts customers' IT when a service impacting event is discovered. The service is provided in conjunction with either Resolve or Helpdesk. We provide:

**Event Management:** 24/7 monitoring of our customers' infrastructure and endpoints with email alerts when events are detected.

**Automated Video Room Sweeps ("AVRS"):** Our custom developed service accesses our customers' endpoints every night, measures audio & video quality, and verifies firmware.

## Network Services

Glowpoint's network services provide our customers around the world with network solutions that ensure reliable, high-quality and secure traffic of video, data and internet. Network services are offered to our customers on a monthly subscription basis. Our network services business carries variable costs associated with the purchasing and reselling of this connectivity. We offer our customers the following networking solutions that can be tailored to each customer's needs:

- **Cloud Connect: Video™** allows our customers to outsource the management of their video traffic to us and provides the customer's office locations with a secure, dedicated video network connection to the Glowpoint Cloud for video communications.
- **Cloud Connect: Converge™** provides customized Multiprotocol Label Switching ("MPLS") solutions for customers who require a converged network. A converged network is an efficient network solution that combines the customer's voice, video, data, and Internet traffic over one or more common access circuits. Glowpoint fully manages and prioritizes traffic to ensure that video and other business critical applications run smoothly.

- **Cloud Connect: Cross Connect™** allows the customer to leverage their existing carrier for the extension of a Layer 2 private line to Glowpoint's data center.

## Professional and Other Services

Our professional services include onsite support, or dispatch, as well as configuration or customization of equipment or software on behalf of a customer. On a limited basis, we also resell video equipment to our customers.

## Sales and Marketing

We currently sell our services through a direct sales force and indirect sales channels. We have limited resources to invest in sales and marketing. As of December 31, 2016, we had 2 full-time employees engaged in sales and marketing. We reduced our sales and marketing expenses from \$2,047,000 in 2015 to \$664,000 in 2016 in order to improve Adjusted EBITDA and maintain positive cash flow from operations. Our sales/account management team is responsible for developing relationships and expanding opportunities within our existing customer base as well as targeting our services to other large and medium-sized companies. We partner with agents and wholesale channels to expand the size and reach of these efforts. The customers we target have a proven need for business communication services in diverse vertical markets, such as professional services, business services, computer software, manufacturing and financial services. The efforts of our channel sales group focuses on partnering with complementary system integrators and service providers, to leverage their customer bases and distribution channels. We private label or co-brand our services for these partners depending on their requirements. We primarily focus our marketing efforts on direct marketing programs aimed at our target buyer personas (e.g., IT decision makers) within our target verticals. We seek to generate qualified leads for our sales team, educate and retain existing customers, generate brand awareness through public relations including social media and drive service enhancements using research and customer feedback. We believe that sales cycles associated with selling our services directly to enterprise IT organizations and through our channel partners typically range from six to eighteen months. We believe that in order to reverse our revenue trends, the Company must restructure our debt obligations and raise additional capital to fund investments in product development and sales and marketing.

## Market Need

As enterprise and mid-market businesses increasingly seek to improve customer experience through the quality of communication services, they are confronted with several industry trends presenting emerging and varied challenges. We believe the most forceful among these trends are:

- increasing mobility of the workforce;
- shifting priorities of business decision makers, including an increased preference for cloud delivery of applications, software-defined networking, and management of multiple and varied devices; and
- the rise of multi-channel customer service involving multiple modes of communications.

Our objective is to re-shape and simplify the manner by which enterprises and mid-market companies use video and related collaboration tools. We have invested in leading collaboration and ITSM platforms and are well poised to serve a broad range of needs, from servicing conventional video systems to providing real-time support tools via the cloud. While we remain committed to our legacy capabilities and the customers who rely on them, we have focused our primary resources on the emerging landscape by evolving our view of the market and product approach in three important ways:

1. We have invested in research and development and new technologies to develop and provide a more comprehensive suite of support systems and real-time analytics;
2. We continue to evolve our product design philosophy, anticipating demand for products that are cloud and mobile enabled but also flexible, extensible, secure and reliable. The goal is to allow our customers to transition from old communications and collaboration technology to more comprehensive (unified) applications in a way that is manageable and highly cost-effective.
3. We have increased our focus on re-packaging our products and services into simple, easy to purchase "bundles". These bundles address the challenges faced by our customers and offer the advantage of being customizable where necessary to meet customer needs.

As we continue to transform Glowpoint into a service-led organization, revenue attributable to our core and legacy product lines and services has declined. We have worked to migrate customers from legacy products, such as managed videoconferencing and video meeting suites, to more automated/software-based solutions. As a result of a growing market trend around cloud consumption preferences, more customers are exploring cost-effective software-based services for procuring technology. As this trend continues, the Company has remained focused on generating positive cash flow from operations and investing in future results by implementing cost savings programs designed to streamline its operations and eliminate overlapping processes and expenses. These cost savings programs have included: (i) reducing headcount, (ii) closing office space, (iii) eliminating other real estate costs and infrastructure associated with unused or under-utilized facilities, (iv) relocating certain job functions to lower cost geographies, including service delivery, customer care, research and development, human resources and finance, and (v) implementing reductions in cost of revenue associated with external service providers.

Many enterprises have become dependent on video communications for increased productivity and reduced operating costs, thus making video communications part of their core business practices. With the technology advancements over the past few years, including browser-based and mobile video, the options for video collaboration solutions and services are greater than ever before. The growing combinations of hardware, software, and networks challenge enterprise IT organizations with finding the right fit for their business objectives. Enterprises must consider and account for implementation and integration, user adoption, analytics, management and support, and maintaining a return on investment with the existing technology deployment while preventing technology obsolescence. As a result, businesses are increasingly seeking an outsourced partner for managed services and hosted, cloud-based infrastructure to mitigate risk, reduce operational costs, and increase user satisfaction by delivering a higher caliber support level to their business.

We believe that many companies cannot fully support quality video communications on their existing infrastructure and networks. Enterprises have reduced or curtailed investments in immersive telepresence ("ITP") video conferencing systems, now preferring cloud-based solutions and personal or smaller group video systems. Enabling video on desktops and increased mobility remains a primary enterprise objective. As demand for ITP systems and related services decreases, and the demand for mobility and personal video services increases, we will continue to evolve our solutions to align with and attempt to satisfy this market demand.

Glowpoint provides enterprises with the ability to simplify the video experience, which increases adoption and user participation. Glowpoint's unique and wide range of video collaboration services is intended to provide a service for every user and meeting type within the enterprise. We believe our ITSM platform delivers the right tools, automation, and analytics to partners to enable a successful video deployment.

## **Competition**

With respect to our video collaboration services, we primarily compete with managed services companies, videoconferencing equipment resellers and telecommunication providers, including BT Conferencing, AT&T, Verizon, Citrix, Yorktel, SPS, Whitlock, Pinnaca and AVI-SPL. We also compete with certain start-up and venture capital-backed companies that offer hosted videoconference bridging solutions, including Blue Jeans Networks, Vidyo and Zoom. Lastly, the technology and software providers, including Cisco, LifeSize, Microsoft (Skype for Business) and Polycom, are delivering competitive cloud-based video conferencing and calling services. With respect to our network services, we primarily compete with telecommunications carriers, including British Telecom, AT&T, Verizon and Telus. Our competitors offer services similar to ours both on a bundled and un-bundled basis, creating a highly competitive environment with pressure on pricing of such services. Competitor solutions also create opportunities for integration and support services for Glowpoint.

We believe we differentiate ourselves based on our full suite of cloud and managed video collaboration services in combination with the ITSM platform for support automation. We believe our services are unique based on our intellectual property, user interfaces and capabilities that we have built over the years.

## **Customers**

Our customers include Fortune 1000 companies, along with small and medium enterprises across a wide range of industries including consulting, executive search, broadcast media, legal, finance, insurance and technology. Major customers are defined as direct customers or channel partners that account for more than 10% of our total revenue. For the year ended December 31, 2016, two major customers accounted for 16% and 12%, respectively, of our total revenue. For the year ended December 31, 2015, two major customers accounted for 12% and 10%, respectively, of our total revenue. In January 2017, our largest customer filed a voluntary petition for protection under Chapter 11 of the United States Bankruptcy Code. As of the bankruptcy filing date, we had amounts due from this customer of approximately \$588,000, of which \$474,000 has since been collected. Since the bankruptcy filing date, we have continued to perform services for this customer, with payments expected to be received in accordance with

our normal terms. While we believe the amounts due to us from this customer will be collected in full, we will continue to monitor the bankruptcy proceedings in order to appropriately assess and enforce our rights in this matter. It has not yet been determined whether the bankruptcy estate will assume or reject our contract with this customer. A rejection of our contract with this customer by the bankruptcy estate could have a material adverse effect on our business, financial condition and results of operations, as any reduction in the use of our services or the business failure by one of our major customers and/or wholesale channel partners could have such a result.

## **Intellectual Property**

Glowpoint has invested in research and development, engineering and application development in the process of building our managed service and cloud platforms. Some of this development has led to issued patents, as described below, along with ongoing recognition in the industry as having unique tools and applications to enable our video applications.

### ***Glowpoint Cloud Conferencing***

The Glowpoint Cloud is based on a Service Oriented Architecture framework that enables us to create unique unified communication service offerings. Glowpoint's cloud-based-video services can be delivered as a software and infrastructure service in a hosted environment or can support a hybrid mix of public and private clouds.

Videoconferencing has traditionally presented challenges for the user by presenting a complex maze of systems and networks that must be navigated and closely managed. Although most of the business-quality video systems today are "standards-based," there are inherent interoperability problems between different vendors' video equipment, resulting in communication islands. Glowpoint's suite of cloud and managed video services can be accessed and utilized by customers regardless of their technology or network. Customers who purchase a Cisco, Polycom, Avaya, or LifeSize (Logitech) system, or use certain other third-party video communications software such as Microsoft (Skype for Business), WebEx or WebRTC, may all take advantage of the Glowpoint Cloud regardless of their choice of network. We have built the Glowpoint Cloud to support all standard video signaling protocols, including SIP, H.323 and Integrated Services Digital Network ("ISDN") using infrastructure from a variety of manufacturers.

The Glowpoint Cloud combines years of best practices, experience and technology development into a video collaboration platform that provides instant connectivity, self-serve and managed help desk resources, and the ease of use that makes video collaboration seamless and effortless. Beyond the technology and applications, the Glowpoint Cloud is built around security protocols to enable enterprises and organizations of any size to communicate with other desired video users in a secure, high-quality and reliable fashion.

### ***Video Service Platform***

In January 2015, Glowpoint launched our next generation Video Service Platform to provide enterprise customers with a cloud-based system for managing video collaboration. The Video Service Platform, which leverages technology from an industry leading ITSM provider, ServiceNow Inc., is currently available to Glowpoint's channel partners and enterprise customers. The Video Service Platform's scalability and multi-tenant design allows Glowpoint and its channel partners to seamlessly activate existing and new enterprise customers of Glowpoint. It is completely web-based and accessible from any web-enabled device. The Video Service Platform automates and streamlines critical functions and workflows needed by IT organizations for managing enterprise video collaboration environments, including incident management, change management, and reporting/analytics for continuous improvement. Other benefits provided to enterprise IT organizations include:

- Better transparency into the performance of the enterprise collaboration environment via business intelligence metrics, reporting and management dashboards;
- Greater scale with self-service support, giving end users an easy interface for submitting/tracking tickets;
- Deeper expertise for managing video collaboration with access to Glowpoint's Remote Service Management services and knowledge base;
- More efficiencies gained by automating manual tasks and workflows including escalations, updates/notifications, and provisioning; and
- Access to ITIL.

### ***Patents***

The development of our "video as a service" applications and network architecture has resulted in a significant amount of proprietary information and technology, including real-time metering and billing for video calls and intelligent call routing. We

believe that our patented proprietary technology provides an important barrier for competitors' potential offerings of similar video communications services.

We have been awarded six patents:

- U.S. Patent No. 7,200,213 was awarded in April 2007 for our live video operator assistance feature. Our "Live Operator" technology provides customers with the ability to obtain live, face-to-face assistance and has widespread application, from general video call assistance to "video concierge" services. This patent is an essential component of providing "expert on demand" and telepresence "white glove" business class support services. This patent expires November 17, 2024.
- U.S. Patent No. 7,664,098 was awarded in February 2010 for our real-time metering and billing for Internet Protocol ("IP") based calls. Our "Call Detail Records" patent for IP-based calls provides the ability to meter and bill an end-user on a transactional basis, just as traditional telephone calls are billed. This unique capability is a vital development as more and more telepresence and video conferencing calling traffic is distributed over disparate IP-based networks – rather than ISDN – as B2B calling is becoming much more common for video users. This patent expires August 4, 2026.
- U.S. Patent No. 7,916,717 was awarded in March 2011 for our Systems and Method for Automated Routing of Incoming and Outgoing Video Calls between IP and ISDN networks. This technology ensures the simple and seamless migration from ISDN to IP for the purpose of connecting IP users with ISDN systems around the world. This automated call routing capability has been leveraged to provide a least cost routing and gateway method to customers. This patent expires September 16, 2028.
- U.S. Patent No. 8,259,152 was awarded in September 2012 for our Video Call Distributor, which includes systems and methods for distributing high quality real time video calls over an IP Packet-Based Wide Area Network, leveraging existing routing rules and logic of a call management system. This patent expires July 3, 2031.
- U.S. Patent No. 8,576,270 was awarded in November 2013 for our Intelligent Call Management and Redirection systems and methods. These systems and methods can be used to detect the status of a specified video endpoint. Pre-defined rules can be configured so that a call that is not completed for any reason can be transferred to another destination such as a video mail service or an automated or live operator service. This patent expires January 14, 2030.
- U.S. Patent No. 8,933,983 was awarded in January 2015 for our Intelligent Call Management and Redirection systems and methods. This new patent relates to a method for routing packet-based network video calls using an Intelligent Call Policy Management ("ICPM") system that can detect the status of a specified video endpoint and refuse to connect a video call based on the video endpoint's status. This patent expires October 11, 2025.

## Research and Development

Glowpoint incurred research and development expenses of \$1,117,000 in 2016 and \$1,350,000 in 2015 related to the development of new service offerings and features and enhancements to our existing services.

## Employees

As of December 31, 2016, we had approximately 69 employees. Of these employees, 49 are involved in customer support and operations, 10 in corporate functions, 8 in engineering and development, and 2 in sales and marketing. None of our employees are represented by a labor union. We believe that our employee relations are good.

## Available Information

We are subject to the reporting requirements of the Exchange Act. The Exchange Act requires us to file periodic reports, proxy statements and other information with the Securities and Exchange Commission ("SEC"). Copies of these periodic reports, proxy statements and other information can be read and copied on official business days during the hours of 10 a.m. to 3 p.m. at the SEC's Public Reference Room at 100 F Street, N.E., Washington, D.C. 20549. You may obtain information on the operation of the Public Reference Room by calling the SEC at 1-800-SEC-0330. The SEC maintains an Internet site at <http://www.sec.gov> that contains reports, proxy and information statements and other information that we file electronically with the SEC.

In addition, we make available, free of charge, on our Internet website, our annual report on Form 10-K, quarterly reports on Form 10-Q, current reports on Form 8-K, and amendments to these reports filed or furnished pursuant to Section 13(a) or 15(d) of the Exchange Act as soon as reasonably practicable after we electronically file this material with, or furnish it to, the SEC. You may review these documents on our website at [www.glowpoint.com](http://www.glowpoint.com). Our website and the information contained on or connected to our website is not incorporated by reference herein, and our web address is included as an inactive textual reference only.

## Item 1A. Risk Factors

Glowpoint's business faces numerous risks, including those set forth below or those described elsewhere in this Report or in our other filings with the SEC. The risks described below are not the only risks that we face, nor are they necessarily listed in order of significance. Other risks and uncertainties may also affect our business. Any of these risks may have a material adverse effect on Glowpoint's business, financial condition, results of operations and cash flow. When making an investment decision with respect to our common stock, you should also refer to the other information contained or incorporated by reference in this Report, including our consolidated financial statements and the related notes.

### Risks Related to Our Business

***We breached the financial covenants in our loan agreement with Main Street and we are currently in default of our loan agreement. We may not be able to restructure our Main Street indebtedness and Main Street may accelerate such indebtedness.***

Our loan agreement with Main Street, which was amended in February 2015, contains various covenants that limit our ability to engage in specific types of transactions, including covenants that limit our ability to:

- incur or guarantee additional debt;
- incur or assume certain liens;
- make certain loans, advances or investments;
- pay dividends;
- make certain acquisitions or dispositions;
- make certain capital expenditures;
- prepay subordinated debt;
- issue certain equity securities;
- enter into transactions with affiliates; and
- make certain increases in management compensation.

In addition, we are required to comply with certain financial covenants, including a fixed charge coverage ratio covenant and a debt to Adjusted EBITDA ratio covenant, that are tested on a quarterly basis. See "Management's Discussion and Analysis of Financial Condition and Results of Operations" under Item 7 of this Report for a description of Adjusted EBITDA. The Company breached its debt to Adjusted EBITDA ratio covenant as of June 30, 2016, September 30, 2016 and December 31, 2016 and breached the fixed charge coverage ratio covenant as of September 30, 2016 and December 31, 2016, each of which constitutes an event of default under the Main Street Loan Agreement. Main Street has not provided a waiver of any of the existing defaults, and thus, Main Street may seek a variety of remedies under the loan documents including, without limitation, acceleration of the indebtedness owing under the Main Street Loan Agreement. We are currently exploring various alternatives to renegotiate our financial covenants and address our liquidity issues, including, without limitation, a potential restructuring of the Main Street indebtedness, which may involve a conversion of a portion or all of our debt to equity or a debt refinancing, coupled with a capital raise. In the event that our lenders accelerate the repayment of the indebtedness under any loan agreement, we would not have sufficient resources and/or cash flow to repay the indebtedness. The factors discussed above raise substantial doubt as to our ability to continue as a going concern. The accompanying consolidated financial statements do not include any adjustments that might result from these uncertainties.

We have renegotiated financial covenants and/or refinanced our indebtedness in the past but there is no assurance we will be able to successfully renegotiate or refinance all or any portion of our indebtedness in the future. If we were unable to repay or otherwise refinance the indebtedness under the loan agreements upon acceleration or when otherwise due, our lenders could proceed against the collateral granted to them to secure our obligations under the loan agreements, which could force us into bankruptcy or liquidation.

***We may not be able to generate sufficient cash to service all of our indebtedness and our other ongoing liquidity needs, and we may be forced to take other actions to satisfy our obligations under our indebtedness, which may not be successful.***

Our ability to make scheduled payments on or to refinance our indebtedness obligations and to fund our operating expenses, planned capital expenditures, and other ongoing liquidity needs depends on our financial condition and operating performance, which is subject to prevailing economic and competitive conditions and to certain financial, business and other factors some of which are beyond our control. There can be no assurance that we will maintain a level of cash flow from operating activities in an amount sufficient to permit us to pay the principal and interest on our indebtedness.

As of December 31, 2016, the Company had outstanding borrowings of \$1,785,000 on a promissory note (the "SRS Note") to Shareholder Representative Services LLC ("SRS") the Company issued in connection with the 2012 acquisition of Affinity Videonet, Inc. ("Affinity") and amended in February 2015. The SRS Note matures on July 6, 2017. Principal and accrued interest for the SRS Note as of December 31, 2016 was \$1,785,000 and \$565,000, respectively. The Company believes that, based on our current projection of revenue, expenses, capital expenditures and cash flows, it will not have sufficient resources and cash flows to service its debt obligations, including repayment of the SRS Note, and fund its operations for at least the next twelve months following the filing of this Report. The SRS Note is subordinate to borrowings under the Main Street Loan Agreement, and is only permitted to be repaid if permitted by the terms of the Main Street Loan Agreement. In addition, under the terms of the Subordination Agreement among the Company, SRS and Main Street, repayment of the principal and accrued interest on the SRS Note is permitted to occur only if the Company's cash balance is 200% greater than the balance of the SRS Note.

We are currently exploring various alternatives to address our liquidity issues, including, without limitation, a potential restructuring of the Main Street and SRS indebtedness, which may involve a conversion of a portion or all of our debt to equity or a debt refinancing, coupled with a capital raise. We may not be able to consummate any such transaction or obtain proceeds on terms acceptable to us or at all. Even if consummated, these alternative measures may not be successful and may not permit us to meet our scheduled debt service obligations. We could face substantial liquidity problems and might be required to pursue other alternatives, including the disposition of material assets or operations, in order to satisfy our debt service and other obligations.

***Our business activities may require additional financing that might not be obtainable on acceptable terms, if at all, which could have a material adverse effect on our financial condition, liquidity and our ability to operate going forward.***

Our capital requirements continue to depend on numerous factors, including the timing and amount of revenue, the expense to deliver our services, expense for sales and marketing, capital improvements, expense for research and development, and the cost involved in protecting our proprietary rights. The Company anticipates reduced cash flow from operations, and we believe a restructuring of our debt obligations and additional capital is required to fund investments in product development and sales and marketing as a means to reverse our revenue trends. While we expect to continue to adjust our cost of revenue and other operating expenses to partially offset the impact of revenue declines associated with our legacy services, we believe a restructuring of our debt or capital infusion is necessary to fund our obligations. In the event we need access to capital to fund operations or provide growth capital, we would likely need to raise capital in one or more equity offerings. There can be no assurance that we will be successful in raising necessary capital or that any such offering will be on terms acceptable to the Company. If we are unable to raise additional capital that may be needed on terms acceptable to us, it could have a material adverse effect on the Company. The factors discussed above raise substantial doubt as to our ability to continue as a going concern. Failure to obtain financing, or obtaining financing on unfavorable terms, could result in a decrease in our stock price, would have a material adverse effect on future operating prospects, and could require us to significantly reduce operations.

***We have a history of substantial net losses and we may incur future net losses.***

We have reported a substantial net loss from operations in fiscal years 2013 through 2016. We may not achieve revenue growth or profitability or generate positive cash flow on a quarterly or annual basis in the future. If we do not achieve profitability in the future, the value of our common stock may be adversely impacted, and we could have difficulty obtaining capital to continue our operations.

***Our success is highly dependent on the evolution of our overall market and on general economic conditions.***

The market for video communication services is evolving rapidly. Although certain industry analysts project significant growth for this market, their projections may not be realized. Our future growth depends on acceptance and adoption of video communications. There can be no assurance that the market for our services will grow, that our services will be adopted or that businesses will purchase our suite of managed video services. If we are unable to react quickly to changes in the market, if the market fails to develop or develops more slowly than expected, or if our services do not achieve market acceptance, then we are unlikely to achieve profitability. Additionally, current economic conditions may cause a decline in business and consumer spending which could adversely affect our business and financial performance.

***We rely on a limited number of customers for a significant portion of our revenue, and the loss of any one of those customers, or several of our smaller customers, could materially harm our business.***

A significant portion of our revenue is generated from a limited number of customers. For the year ended December 31, 2016, two major customers accounted for 16% and 12%, respectively, of our total revenue. The composition of our significant customers will vary from period to period, we expect that most of our revenue will continue, for the foreseeable future, to come from a relatively small number of customers. Consequently, our financial results may fluctuate significantly from period-to-

period based on the actions of one or more significant customers. A customer may take actions that affect us for reasons that we cannot anticipate or control, such as reasons related to the customer's financial condition, changes in the customer's business strategy or operations, changes in technology and the introduction of alternative competing products, or as the result of the perceived quality or cost-effectiveness of our products. Our agreements with these customers may be canceled if we materially breach the agreement or for other reasons outside of our control such as insolvency or financial hardship that may result in a customer filing for bankruptcy court protection against unsecured creditors. In addition, our customers may seek to renegotiate the terms of current agreements or renewals. The loss of or a reduction in sales or anticipated sales to our most significant or several of our smaller customers could have a material adverse effect on our business, financial condition and results of operations.

In January 2017, our largest customer filed a voluntary petition for protection under Chapter 11 of the United States Bankruptcy Code. As of the bankruptcy filing date, we had amounts due from this customer of approximately \$588,000, of which \$474,000 has since been collected. Since the bankruptcy filing date, we have continued to perform services for this customer, with payments expected to be received in accordance with our normal terms. While we believe the amounts due to us from this customer will be collected in full, we will continue to monitor the bankruptcy proceedings as they progress in order to appropriately assess and enforce our rights in this matter. It has not yet been determined whether the bankruptcy estate will assume or reject our contract with this customer. A rejection of our contract with this customer by the bankruptcy estate could have a material adverse effect on our business, financial condition and results of operations.

***We operate in a highly competitive market and many of our competitors have greater financial resources and established relationships with major corporate customers.***

The video communications industry is highly competitive and includes large, well-financed participants. Many of these organizations have substantially greater financial and other resources than us, furnish some of the same services provided by us, and have established relationships with major corporate customers that have policies of purchasing directly from them. The Company's competitors offer services similar to ours both on a bundled and un-bundled basis, creating a highly competitive environment with pressure on pricing of such services. We believe that as the demand for video communications systems continues to increase, additional competitors, many of which may have greater resources than us, will continue to enter the video communications market.

***There is limited market awareness of Glowpoint's services.***

Our future success will be dependent in significant part on our ability to generate demand for our video collaboration services. To this end, our direct marketing and indirect sales operations must increase market awareness of our service offerings to generate increased revenue. We have limited sales and marketing resources, with 2 employees in sales and marketing as of December 31, 2016, and without additional capital, we have limited resources and/or cash flow for spending on advertising, marketing and additional personnel. Our products and services require a sophisticated sales effort targeted at the senior management of our prospective customers. If we were to hire new employees in sales and marketing, those employees will require training and take time to achieve full productivity. We cannot be certain that our new hires will become as productive as necessary or that we will be able to hire enough qualified individuals or retain existing employees in the future. We cannot be certain that we will be successful in our efforts to market and sell our products and services, and, if we are not successful in building market awareness and generating increased sales, future results of operations will be adversely affected.

***As we expand our managed services offerings, any system failures or interruptions may cause loss of customers.***

Our success depends, in part, on the seamless, uninterrupted operation of our managed service offerings. As we continue to expand these services, and as the complexity and volume continue to increase, we will face increasing demands and challenges in managing them. Any prolonged failure of these services or other systems or hardware that cause significant interruptions to our operations could seriously damage our reputation and result in customer attrition and financial loss.

***We rely on third-party software that may be difficult to replace or may not perform adequately.***

We integrate third-party licensed software components into our technology infrastructure (e.g., ServiceNow Inc.) in order to provide our services. This software may not continue to be available on commercially reasonable terms or pricing or may fail to continue to be updated to remain competitive. The loss of the right to use this third-party software may increase our expenses or impact the provisioning of our services. The failure of this third-party software could materially impact the performance of our services and may cause material harm to our business or results of operations.

***We depend upon our network providers and facilities infrastructure.***

Our success depends upon our ability to implement, expand and adapt our network infrastructure and support services to accommodate an increasing amount of video traffic and evolving customer requirements at an acceptable cost. This has required and will continue to require that we enter into agreements with providers of infrastructure capacity, equipment, facilities and support services on an ongoing basis. We cannot ensure that any of these agreements can be obtained on satisfactory terms and conditions. We also anticipate that future expansions and adaptations of our network infrastructure facilities may be necessary in order to respond to growth in the number of customers served.

***Our network could fail, which could negatively impact our revenues.***

Our success depends upon our ability to deliver reliable, high-speed access to our channels' and customers' data centers and upon the ability and willingness of our telecommunications providers to deliver reliable, high-speed telecommunications service through their networks. Our network and facilities, and other networks and facilities providing services to us, are vulnerable to damage, unauthorized access or cessation of operations from human error and tampering, breaches of security, fires, earthquakes, severe storms, power losses, telecommunications failures, software defects, intentional acts of vandalism including computer viruses, and similar events. The occurrence of a natural disaster or other unanticipated problems at the network operations center, key sites at which we locate routers, switches and other computer equipment that make up the backbone of our service offering and hosted infrastructure, or at one or more of our partners' data centers, could substantially and adversely impact our business. We cannot ensure that we will not experience failures or shutdowns relating to individual facilities or even catastrophic failure of the entire network or hosted infrastructure. Any damage to, or failure of, our systems or service providers could result in reductions in, or terminations of, services supplied to our customers, which could have a material adverse effect on our business and results of operations.

***Our network depends upon telecommunications carriers who could limit or deny us access to their network or fail to perform, which would have a material adverse effect on our business.***

We rely upon the ability and willingness of certain telecommunications carriers and other corporations to provide us with reliable high-speed telecommunications service through their networks. If these telecommunications carriers and other corporations decide not to continue to provide service to us through their networks on substantially the same terms and conditions (including, without limitation, price, early termination liability, and installation interval), if at all, it would have a material adverse effect on our business, financial condition and results of operations. Additionally, many of our service level objectives are dependent upon satisfactory performance by our telecommunications carriers. If they fail to so perform, it may have a material adverse effect on our business.

***Cybersecurity incidents could disrupt business operations, result in the loss of critical and confidential information, and adversely impact our reputation and results of operations.***

In the ordinary course of providing video communications services, we transmit sensitive and proprietary information of our customers. We are dependent on the proper function, availability and security of our information systems, including without limitation those systems utilized in our operations. We have undertaken measures to protect the safety and security of our information systems and the data maintained within those systems, and on an annual basis, we test the adequacy of our security measures. As part of our efforts, we may be required to expend significant capital to protect against the threat of security breaches or to alleviate problems caused by such breaches, including unauthorized access to proprietary customer data stored in our information systems and the introduction of computer malware to our systems. However, there can be no assurance our safety and security measures will detect and prevent security breaches in a timely manner or otherwise prevent damage or interruption of our systems and operations. We may be vulnerable to losses associated with the improper functioning, security breach or unavailability of our information systems. We may be held liable to our affiliates and customers, which could result in reputational damage, litigation, or negative publicity.

***We may experience material disconnections and/or reductions in the prices of our services and may not be able to replace the loss of revenues.***

Historically, we have experienced both significant disconnections of services and also reductions in the prices of our services. In order to realize anticipated revenues and cash flows, we endeavor to obtain long-term commitments from new customers, as well as expand our relationships with current customers. The disconnection of services by our significant customers or by several of our smaller customers could have a material adverse effect on our business, financial condition and results of operations. Service contract durations and termination liabilities are defined within the terms and conditions of our agreements with our customers. Termination of services in our existing agreements require a minimum of 30 days' notice and are subject to early termination

penalties equal to the amount of accrued and unpaid charges including the remaining term length multiplied by any fixed monthly fees. The standard form of service agreement with Glowpoint includes an auto-renewal clause at the end of each term if the customer does not choose to terminate service at that time. Certain customers and partners negotiate master agreements with custom termination liabilities that differ from our standard form of service agreement.

***We may be unable to adequately respond to rapid changes in technology.***

The market for our video collaboration services is characterized by rapidly changing technology, evolving industry standards and frequent product introductions. The introduction of products and services embodying new technology and the emergence of new industry standards may render our existing managed video services obsolete and unmarketable if we are unable to adapt to change. A significant factor in our ability to grow and to remain competitive is our ability to successfully introduce new products and services that embody new technology, anticipate and incorporate evolving industry standards and achieve levels of functionality and price acceptable to the market. If our managed video services are unable to meet expectations or unable to keep pace with technological changes in the video communication industry, our managed video services could eventually become obsolete. We may be unable to allocate the funds necessary to upgrade our managed video services as improvements in video communication technologies are introduced. In the event that other companies develop more advanced service offerings, our competitive position relative to such companies would be harmed.

***Our failure to obtain or maintain the right to use certain intellectual property may negatively affect our business.***

Our future success and competitive position depends in part upon our ability to obtain and maintain certain proprietary intellectual property to be used in connection with our services. While we are not currently engaged in any intellectual property litigation, we could become subject to lawsuits in which it is alleged that we have infringed the intellectual property rights of others or we could commence lawsuits against others who we believe are infringing upon our rights. Our involvement in intellectual property litigation could result in significant expense to us, adversely affecting the development of sales of the challenged product and diverting the efforts of our technical and management personnel, whether or not such litigation is resolved in our favor.

In the event of an adverse outcome as a defendant in any such litigation, we may, among other things, be required to: pay substantial damages; cease the development, use or sale of services that infringe upon other patented intellectual property; expend significant resources to develop or acquire non-infringing intellectual property; discontinue the use or incorporation of infringing technology; or obtain licenses to the infringing intellectual property. We cannot ensure that we would be successful in such development or acquisition or that such licenses would be available upon reasonable terms. Any such development, acquisition or license could require the expenditure of substantial time and other resources and could have a negative effect on our business and financial results.

An adverse outcome as plaintiff in any such litigation, in addition to the costs involved, may, among other things, result in the loss of the intellectual property (such as a patent) that was the subject of the lawsuit by a determination of invalidity or unenforceability, significantly increase competition as a result of such determination, and require the payment of penalties resulting from counterclaims by the defendant.

***We may not be able to protect the rights to our intellectual property.***

Failure to protect our existing intellectual property rights may result in the loss of our exclusivity or the right to use our technologies. If we do not adequately ensure our freedom to use certain technology, we may have to pay others for rights to use their intellectual property, pay damages for infringement or misappropriation and/or be enjoined from using such intellectual property. We rely on patent, trade secret, trademark and copyright law to protect our intellectual property. Some of our intellectual property is not covered by any patent. As we further develop our services and related intellectual property, we expect to seek additional patent protection. Our patent position is subject to complex factual and legal issues that may give rise to uncertainty as to the validity, scope and enforceability of a particular patent. Accordingly, we cannot assure you that: any of the patents owned by us or other patents that other parties license to us in the future will not be invalidated, circumvented, challenged, rendered unenforceable or licensed to others; any of our pending or future patent applications will be issued with the breadth of claim coverage sought by us, if issued at all; or any patents owned by or licensed to us, although valid, will not be dominated by a patent or patents to others having broader claims. Additionally, effective patent, trademark, copyright and trade secret protection may be unavailable, limited or not applied for in certain foreign countries.

We also seek to protect our proprietary intellectual property, including intellectual property that may not be patented or patentable, in part by confidentiality agreements. We cannot ensure that these agreements will not be breached, that we will have adequate remedies for any breach or that such persons will not assert rights to intellectual property arising out of these relationships.

***We are exposed to the credit and other counterparty risk of our customers in the ordinary course of our business.***

Our customers have varying degrees of creditworthiness, and we may not always be able to fully anticipate or detect deterioration in their creditworthiness and overall financial condition, which could expose us to an increased risk of nonpayment under our contracts with them. In the event that a material customer or customers default on their payment obligations to us, discontinue buying services from us or use their buying power with us to reduce our revenue, this could materially adversely affect our financial condition, results of operations or cash flows.

In January 2017, our largest customer filed a voluntary petition for protection under Chapter 11 of the United States Bankruptcy Code. As of the bankruptcy filing date, we had amounts due from this customer of approximately \$588,000, of which \$474,000 has since been collected. Since the bankruptcy filing date, we have continued to perform services for this customer, with payments expected to be received in accordance with our normal terms. While we believe the amounts due to us from this customer will be collected in full, we will continue to monitor the bankruptcy proceedings as they progress in order to appropriately assess and enforce our rights in this matter. It has not yet been determined whether the bankruptcy estate will assume or reject our contract with this customer. A rejection of our contract with this customer by the bankruptcy estate could have a material adverse effect on our business, financial condition and results of operations.

***Our future plans could be adversely affected if we are unable to attract or retain key personnel.***

We have attracted a highly skilled management team and specialized workforce. Our future success is dependent in part on attracting and retaining qualified management and technical personnel. Our inability to hire qualified personnel on a timely basis, or the departure of key employees (including Peter Holst, our President and CEO) could materially and adversely affect our business development and therefore, our business, prospects, results of operations and financial condition.

***If our actual liability for sales and use taxes and federal regulatory fees is different from our accrued liability, it could have a material impact on our financial condition.***

Each state has different rules and regulations governing sales and use taxes, and these rules and regulations are subject to varying interpretations that may change over time. We review these rules and regulations periodically and, when we believe our services are subject to sales and use taxes in a particular state, voluntarily engage state tax authorities in order to determine how to comply with their rules and regulations. Vendors of services, like us, are typically held responsible by taxing authorities for the collection and payment of any applicable sales taxes and federal fees. If one or more taxing authorities determines that taxes should have, but have not, been paid with respect to our services, we may be liable for past taxes in addition to taxes going forward. Liability for past taxes may also include very substantial interest and penalty charges. Our client contracts provide that our clients must pay all applicable sales taxes and fees. Nevertheless, clients may be reluctant to pay back taxes and may refuse responsibility for interest or penalties associated with those taxes. If we are required to collect and pay back taxes and the associated interest and penalties, and if our clients fail or refuse to reimburse us for all or a portion of these amounts, we will have incurred unplanned expenses that may be substantial. Moreover, imposition of such taxes on our services going forward will effectively increase the cost of such services to our clients and may adversely affect our ability to retain existing clients or to gain new clients in the areas in which such taxes are imposed. We may also become subject to tax audits or similar procedures in states where we already pay sales and use taxes. The assessment of taxes, interest, and penalties as a result of audits, litigation, or otherwise could be materially adverse to our current and future results of operations and financial condition.

***We depend upon suppliers and have limited sources for some services.***

We rely on other companies to supply some components of our network infrastructure and the means to access our network. Certain products and services that we resell and certain components that we require for our network are available only from limited sources. We could be adversely affected if such sources were to become unavailable to us on commercially reasonable terms. We cannot ensure that, on an ongoing basis, we will be able to obtain third-party services cost-effectively and on the scale and within the time frames that we require, if at all. Failure to obtain or to continue to make use of such third-party services would have a material adverse effect on our business, financial condition and results of operations.

***Our failure to properly manage the distribution of our services could result in a loss of revenues.***

We currently sell our services both directly to customers and through channel partners. Successfully managing the interaction of our direct and indirect sales channels to reach various potential customers for our services is a complex process. Each sales channel has distinct risks and costs, and therefore, our failure to implement the most advantageous balance in the sales model for our services could adversely affect our revenue and profitability.

***We incur significant accounting and administrative costs as a publicly traded corporation that impact our financial condition.***

As a publicly traded corporation, we incur certain costs to comply with regulatory requirements. If regulatory requirements were to become more stringent or if controls thought to be effective later fail, we may be forced to make additional expenditures, the amounts of which could be material. Some of our competitors are privately owned so their comparatively lower accounting and administrative costs can be a competitive disadvantage for us. Should our sales decline or if we are unsuccessful at increasing prices to cover higher expenditures for internal controls and audits, our costs associated with regulatory compliance will rise as a percentage of sales.

***If we fail to maintain an effective system of internal controls, we may not be able to accurately report our financial results or prevent fraud. As a result, current and potential stockholders may not be confident in our financial reporting, which could adversely affect the price of our stock and harm our business.***

Pursuant to Section 404 of the Sarbanes-Oxley Act of 2002, we are required to include in our annual report on Form 10-K our assessment of the effectiveness of our internal controls over financial reporting. Although we believe that we currently have adequate internal control procedures in place, we cannot be certain that our internal controls over financial reporting will remain effective. If we cannot adequately maintain the effectiveness of our internal controls over financial reporting, we may be subject to liability and/or sanctions or investigation by regulatory authorities, such as the SEC. Any such action could adversely affect our financial results and the market price of our common stock.

**Risks Relating To Our Securities**

***Our common stock is thinly traded and subject to volatile price fluctuations.***

Our common stock is thinly traded, and it is therefore susceptible to wide price swings. Our common stock is traded on the NYSE MKT under the symbol "GLOW." Thinly traded stocks are more susceptible to significant and sudden price changes and the liquidity of our common stock depends upon the presence in the marketplace of willing buyers and sellers. We cannot ensure that any holder of our securities will be able to find a buyer for its shares. We cannot ensure that an organized public market for our securities will develop or that there will be any private demand for our common stock.

***We could fail to satisfy the standards to maintain our listing on a stock exchange.***

We could fail to satisfy the standards for continued exchange listing on the NYSE MKT, such as standards having to do with a minimum share price, the minimum number of public shareholders, a minimum amount of stockholders' equity or the aggregate market value of publicly held shares. As of December 31, 2016, we believe we are out of compliance with a NYSE MKT rule to maintain at least \$4,000,000 of stockholders' equity when losses have been incurred in three of the four most recent fiscal years. The Company seeks to regain compliance with this rule with the potential restructuring of the Main Street and SRS indebtedness; however there is no assurance we will be able to accomplish this and we may be unable to maintain our listing on the NYSE MKT. Any holder of our securities should regard them as a long-term investment and should be prepared to bear the economic risk of an investment in our securities for an indefinite period.

***Penny stock regulations may impose certain restrictions on the marketability of our securities.***

The SEC has adopted regulations which generally define "penny stock" to be any equity security that has a market price less than \$5.00 per share, subject to certain exceptions. Our common stock is presently subject to these regulations which impose additional sales practice requirements on broker-dealers who sell such securities to persons other than established customers and accredited investors (generally those with net worth in excess of \$1,000,000 or annual income exceeding \$200,000, or \$300,000 together with their spouse). For transactions covered by these rules, the broker-dealer must make a special suitability determination for the purchase of such securities and have received the purchaser's written consent to the transaction prior to the purchase. Additionally, for any transaction involving a "penny stock," unless exempt, the rules require the delivery, prior to the transaction, of a risk disclosure document mandated by the SEC relating to the "penny stock" market. The broker-dealer must also disclose the commission payable to both the broker-dealer and the registered representative, current quotations for the securities and, if the broker-dealer is the sole market maker, the broker-dealer must disclose this fact and the broker-dealer's presumed control over the market. Finally, monthly statements must be sent disclosing recent price information for the "penny stock" held in the account and information on the limited market in "penny stocks." Consequently, the "penny stock" rules may restrict the ability of broker-dealers to sell our securities and may negatively affect the ability of purchasers of our shares of common stock to sell such securities.

***Future operating results may vary from quarter to quarter, and we may fail to meet the expectations of securities analysts and investors at any given time.***

We have experienced, and may continue to experience, significant quarterly fluctuations in operating results. Factors that cause fluctuation in our results of operations include lack of growth, declines in revenue and our ability to control expenses relative to our revenue. Accordingly, it is possible that in one or more future quarters our operating results will be adversely affected and fall below the expectations of securities analysts and investors. If this happens, the trading price of our common stock may decline.

***Sales of substantial amounts of common stock in the public market could reduce the market price of our common stock and make it more difficult for us and our stockholders to sell our equity securities in the future.***

Resale into the public market of a significant number of shares issued in prior financings could depress the trading price of our common stock and make it more difficult for our stockholders to sell equity securities in the future. In addition, to the extent other restricted shares become freely available for sale, whether through an effective registration statement or under Rule 144 of the Securities Act, or if we issue additional shares that might be or become freely available for sale, our stock price could decrease.

Although the sale of shares to the public might increase the liquidity of our stockholders' investments, the increase in the number of shares available for public sale could drive the price of our common stock down, thus reducing the value of your investment and perhaps hindering our ability to raise additional funds in the future.

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

None.

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

Our headquarters is located at 1776 Lincoln Street, Suite 1300, in Denver, Colorado 80203. These premises consist of approximately 9,500 square feet of leased office space for which base rent is approximately \$200,000 per year. We also lease office space in Oxnard, California that houses our bridging services group, help desk and technical personnel in approximately 3,400 square feet, the base rent of which is approximately \$87,000 per year.

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

On July 23, 2015, UTC Associates Inc. ("UTC") filed suit in the United States District Court for the Southern District of New York against the Company (the "UTC Litigation") alleging fraud and breach of contract. The UTC Litigation involved allegations that Glowpoint failed to pay amounts allegedly due under a Technology Development & Operations Outsourcing arrangement dated June 30, 2010 (the "Proposal"). UTC sought monetary damages totaling \$2,107,000, including \$1,107,000 for damages arising from the breach of an alleged guaranteed minimum provision, and \$1,000,000 for damages arising from the breach of an alleged exclusivity provision.

On September 30, 2016, the Company entered into a settlement agreement with UTC related to claims that have been or could have been asserted against one another, including but not limited to claims in the UTC Litigation. Pursuant to the settlement agreement, (i) the Company paid \$325,000 to UTC on September 30, 2016; (ii) the Company and UTC entered into a new services agreement pursuant to which the Company will purchase services from UTC, subject to certain terms and conditions set forth therein; and (iii) the Company issued 600,000 shares of the Company's common stock to UTC in October 2016. The value of the common stock, or \$204,000 (equal to 600,000 shares multiplied by the closing price of the Company's stock of \$0.34 per share on the issuance date), was recorded as stock-based expense in general and administrative expenses for the year ended December 31, 2016. Upon payment and delivery of the foregoing, both the Company and UTC dismissed their respective claims in the UTC Litigation, and each party has released the other party of all potential claims against the other party, including those that were or could have been asserted in the UTC 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**

Glowpoint's securities trade on the NYSE MKT under the symbol "GLOW."

The following table sets forth high and low closing sale prices per share for our common stock for each quarter of 2015 and 2016, based upon information obtained from the NYSE MKT. All reported sales prices reflect inter-dealer prices, without retail mark-up, mark-down or commissions and may not necessarily represent actual transactions.

	High	Low
Year Ended December 31, 2015		
First Quarter	\$ 1.10	\$ 0.87
Second Quarter	0.95	0.70
Third Quarter	0.98	0.54
Fourth Quarter	0.70	0.48
Year Ended December 31, 2016		
First Quarter	\$ 0.60	\$ 0.35
Second Quarter	0.47	0.28
Third Quarter	0.35	0.25
Fourth Quarter	0.39	0.25

On March 27, 2017, the closing sale price of our common stock was \$0.30 per share as reported on the NYSE MKT, and 36,534,840 shares of our common stock were held by approximately 104 holders of record. American Stock Transfer & Trust Company, LLC is the transfer agent and registrar of our common stock.

#### Dividends

Our board of directors has never declared or paid any cash dividends on our common stock and does not expect to do so for the foreseeable future. We currently intend to retain any earnings to finance the growth and development of our business. Our board of directors will make any future determination of the payment of dividends based upon conditions then existing, including our earnings, financial condition and capital requirements, as well as such economic and other conditions as our board of directors may deem relevant. In addition, the payment of cash dividends is, subject to limited exceptions, prohibited by the Main Street Loan Agreement and may be further materially limited by financing arrangements entered into in the future.

#### Securities Authorized for Issuance under Equity Compensation Plans

The following table sets forth as of December 31, 2016 information regarding our common stock that may be issued under the Company's equity compensation plans:

Plan Category	Number of Securities to be Issued Upon Exercise of Outstanding Stock Options  (a)	Weighted Average Exercise Price of Outstanding Stock Options  (b)	Number of Securities to be Issued Upon Vesting of Outstanding Restricted Stock Units  (c)	Number of Securities Remaining Available for Future Issuance Under Equity Compensation Plans (excluding Securities Reflected in Columns (a) & (c))
Equity compensation plans approved by security holders	1,222,253	\$ 1.99	3,194,653	648,000

#### Recent Sales of Unregistered Securities

None.

#### Purchases of Equity Securities by Glowpoint and Affiliated Purchasers

There were no purchases of any of the Company's equity securities by Glowpoint or any affiliated purchaser during the fourth quarter of 2016.

## Item 6. Selected Financial Data

Not applicable.

## Item 7. Management's Discussion and Analysis of Financial Condition and Results of Operations

The following discussion should be read in conjunction with our consolidated balance sheets as of December 31, 2016 and 2015 and the related consolidated statements of operations, stockholders' equity and cash flows for the years ended December 31, 2016 and 2015 and the related notes attached hereto. All statements contained herein that are not historical facts, including, but not limited to, statements regarding anticipated future capital requirements, our future development plans, our ability to obtain debt, equity or other financing, and our ability to generate cash from operations, are based on current expectations. The discussion of results, causes and trends should not be construed to imply any conclusion that such results or trends will necessarily continue in the future.

### Business

Glowpoint, Inc. ("Glowpoint" or "we" or "us" or the "Company") is a managed service provider of video collaboration and network applications. Our services are designed to provide a comprehensive suite of automated and concierge applications to simplify the user experience and expedite the adoption of video as the primary means of collaboration. Our customers include Fortune 1000 companies, along with small and medium enterprises in a variety of industries. We market our services globally through a multi-channel sales approach that includes direct sales and channel partners. The Company was formed as a Delaware corporation in May 2000. The Company operates in one segment and therefore segment information is not presented.

During 2016, we experienced a 25% decline in total revenue as compared to 2015, as discussed further below. This revenue decline is primarily due to net attrition of customers and lower demand for our services given the competitive environment and pressure on pricing that currently exists in our industry. As a result of the Company's declining revenue and Adjusted EBITDA, the Company breached certain financial covenants in the Main Street Loan Agreement as of June 30, 2016, September 30, 2016 and December 31, 2016. Main Street has not provided a waiver of any of the existing defaults, and thus, Main Street may seek a variety of remedies under the loan documents including, without limitation, acceleration of the indebtedness owing under the Main Street Loan Agreement. The Company anticipates future covenant breaches and reduced cash flow from operations that will require a restructuring of our debt obligations and additional capital to fund investments in product development and sales and marketing as a means to reverse our revenue trends. These factors and the other factors described below raise substantial doubt as to our ability to continue as a going concern.

### Results of Operations

#### Year Ended December 31, 2016 ("2016") versus Year Ended December 31, 2015 ("2015")

*Revenue.* Total revenue decreased \$6,323,000 (or 25%) in 2016 to \$19,218,000 from \$25,541,000 in 2015. This decrease is mainly attributable to: (i) a decrease of \$3,469,000 in video collaboration services, (ii) a decrease of \$2,505,000 in network services, and (iii) a decrease of \$349,000 in professional and other services. These decreases are discussed in more detail below.

	Year Ended December 31, (\$ in thousands)			
	2016	% of Revenue	2015	% of Revenue
Revenue				
Video collaboration services	\$ 10,853	57%	\$ 14,322	56%
Network services	7,915	41%	10,420	41%
Professional and other services	450	2%	799	3%
Total revenue	\$ 19,218	100%	\$ 25,541	100%

The following are the changes in the components of our revenue from 2015 to 2016:

- Revenue for video collaboration services decreased \$3,469,000 (or 24%) to \$10,853,000 in 2016, from \$14,322,000 in 2015. This \$3,469,000 decrease is mainly attributable to the following: (i) approximately 33% of this decrease is due to loss of customers to competition from 2015 to 2016, (ii) approximately 29% of this decrease is due to lower revenue related to video meeting suites resulting from a customer shift in favor of desktop and mobile video products, (iii) approximately 24% of this decrease is due to a former major customer that stopped using our services as of June 30, 2015, and (iv) approximately 14% of this decrease is due to lower revenue for current customers in 2016 as compared to 2015 due to reductions in price and/or level of services.
- Revenue for network services decreased \$2,505,000 (or 24%) to \$7,915,000 in 2016 from \$10,420,000 in 2015. This decrease is mainly attributable to net attrition of customers and lower demand for our services given the competitive environment and pressure on pricing that currently exists in the network services business.
- Revenue for professional and other services decreased \$349,000 (or 44%) to \$450,000 in 2016 from \$799,000 in 2015. This decrease is primarily attributable to a \$309,000 reduction in resale of equipment during 2016.

We expect our revenue trends from 2015 to 2016 will continue in 2017 given the current dynamic and competitive environment for video collaboration and network services, and due to the limited resources we have to invest in sales and marketing to increase revenue. We remain focused on new customer acquisition and increasing sales of our next-generation video collaboration solutions. We believe sales cycles associated with selling our services directly to enterprise IT organizations and through our channel partners typically range from six to eighteen months. These factors create uncertainty as to when, and if, we will be able to stabilize and ultimately grow our revenue.

*Cost of revenue (exclusive of depreciation and amortization).* Cost of revenue, exclusive of depreciation and amortization, includes all internal and external costs related to the delivery of revenue. Cost of revenue also includes the cost for taxes which have been billed to customers. Cost of revenue decreased to \$11,682,000 in 2016 from \$14,844,000 in 2015. The \$3,162,000 decrease in cost of revenue from 2015 to 2016 is mainly attributable to lower costs associated with the \$6,323,000 decrease in revenue during the same period. We reduced costs related to revenue in the following areas in 2016: personnel costs, network costs and external costs associated with video meeting suites. Cost of revenue, as a percentage of total revenue, was 61% and 58% for 2016 and 2015, respectively. The increase in cost of revenue as a percentage of total revenue for 2016 is mainly attributable to relatively higher levels of service delivery and infrastructure.

*Research and Development.* Research and development expenses include internal and external costs related to the development of new service offerings and features and enhancements to our existing services. Research and development decreased \$233,000 to \$1,117,000 in 2016 from \$1,350,000 in 2015, primarily attributable to lower headcount and a corresponding decrease in personnel costs.

*Sales and Marketing.* Sales and marketing expenses decreased \$1,383,000 to \$664,000 in 2016 from \$2,047,000 in 2015. This decrease is primarily attributable to lower headcount and a corresponding decrease of \$915,000 in personnel costs and reductions in marketing expenses of \$285,000. We reduced our total headcount in sales and marketing from 8 as of December 31, 2015 to 2 as of December 31, 2016.

*General and Administrative.* General and administrative expenses include direct corporate expenses related to costs of personnel in the various corporate support categories, including executive, legal, finance and accounting, human resources and information technology. General and administrative expenses decreased \$210,000 to \$5,206,000 in 2016 from \$5,416,000 in 2015. This decrease is mainly attributable to a decrease in personnel costs of \$587,000, and a decrease in administrative and overhead costs of \$290,000, which were partially offset by an increase of \$681,000 in costs related to the UTC Litigation (see Item 3 above).

*Impairment Charges.* Impairment charges increased \$537,000 to \$675,000 in 2016 from \$138,000 in 2015. This increase is primarily attributable to a \$600,000 impairment charge in 2016 on our goodwill (see Note 3 in the consolidated financial statements for further information).

*Depreciation and Amortization.* Depreciation and amortization expenses decreased \$276,000 to \$1,959,000 in 2016 from \$2,235,000 in 2015. This decrease is mainly attributable to lower depreciation expense in 2016 due to an increase in assets that became fully depreciated in 2016.

*Loss from Operations.* Loss from operations increased to \$2,085,000 in 2016 from \$489,000 in 2015. The increase in our loss from operations is mainly attributable to a decrease in our revenue, partially offset by a decrease in our operating expenses as discussed above.

*Interest and Other Expense, Net.* Interest and other expense, net in 2016 was \$1,527,000, comprised of: (i) \$1,455,000 of interest expense on outstanding debt, and (ii) \$72,000 of amortization of deferred financing costs related to our debt obligations. Interest and other expense, net in 2015 was \$1,484,000, comprised of: (i) \$1,397,000 of interest expense on outstanding debt, net of interest income of \$1,000, and (ii) \$87,000 of amortization of deferred financing costs related to our debt obligations. This \$43,000 increase in interest and other expense is primarily attributable to compounding interest on the SRS Note during 2016 (see Note 7 to our consolidated financial statements).

*Income Taxes.* Income tax benefit was \$79,000 in 2016 as compared to income tax expense of \$170,000 in 2015 (see Note 17 to our consolidated financial statements).

*Net Loss.* Net Loss increased to \$3,533,000 in 2016 from \$2,143,000 in 2015. The \$1,390,000 increase in our net loss is mainly attributable to an increase in our loss from operations of \$1,596,000, discussed above.

#### Adjusted EBITDA

Adjusted EBITDA (“AEBITDA”), a non-GAAP financial measure, is defined as net loss before depreciation, amortization, taxes, severance, stock-based compensation and expense, impairment charges and interest expense, net. AEBITDA is not intended to replace operating loss, net loss, cash flow or other measures of financial performance reported in accordance with U.S generally accepted accounting principles (“U.S. GAAP”). Rather, AEBITDA is an important measure used by management to assess the operating performance of the Company and is used in the calculation of financial covenants in the Main Street Loan Agreement. AEBITDA as defined here may not be comparable to similarly titled measures reported by other companies due to differences in accounting policies. A reconciliation of AEBITDA to net loss is shown below:

	Year Ended December 31,		Increase (Decrease)
	2016	2015	
Net loss	\$ (3,533)	\$ (2,143)	\$ (1,390)
Income tax (benefit) expense	(79)	170	(249)
Depreciation and amortization	1,959	2,235	(276)
Interest expense, net	1,514	1,475	39
EBITDA	(139)	1,737	(1,876)
Stock-based compensation	929	813	116
Stock-based expense	204	—	204
Severance	97	91	6
Impairment charges	675	138	537
Adjusted EBITDA	\$ 1,766	\$ 2,779	\$ (1,013)

#### Liquidity and Capital Resources

As of December 31, 2016, we had \$1,140,000 of cash and a working capital deficit of \$8,589,000. Our cash balance as of December 31, 2016 includes restricted cash of \$18,000 (as discussed in Note 4 to our consolidated financial statements). For the years ended December 31, 2016 and 2015, we generated net losses of \$3,533,000 and \$2,143,000, respectively, and net cash provided by operating activities of \$183,000 and \$1,237,000, respectively. We generated cash flow from operations even though we incurred net losses as our net losses include certain non-cash expenses that are added back to our cash flow from operations (as shown on our consolidated statements of cash flows). A substantial portion of our cash flow from operations is dedicated to the payment of interest on our indebtedness, thereby reducing our ability to use our cash flow to fund our operations, capital expenditures and investments in sales and marketing. During the years ended December 31, 2016 and 2015, our cash flow from operations was reduced by \$1,116,000 and \$1,199,000, respectively, for interest payments on our indebtedness.

Net cash used in investing activities for 2016 and 2015 was \$382,000 and \$1,244,000, respectively, primarily related to purchases of property and equipment, including capitalized internal-use software costs. During 2016, we reduced capital expenditures in response to trends in our business and to reduce cash outflows.

Net cash used in financing activities for 2016 was \$425,000, primarily attributable to \$400,000 of principal payments on the Main Street Revolver (see below). Net cash used in financing activities for 2015 was \$167,000, primarily attributable to (i)

purchase of treasury stock of \$140,000 on behalf of employees and members of our board to satisfy minimum statutory tax withholding requirements, and (ii) \$43,000 of principal payments on our capital lease obligations, offset by proceeds from the issuance of \$18,000 of common stock.

The Main Street Loan Agreement provides for an \$11,000,000 senior secured term loan facility as of December 31, 2016 ("Main Street Term Loan"), and provided for a \$2,000,000 senior secured revolving loan facility (the "Main Street Revolver"). On October 17, 2016, the Main Street Revolver matured and, therefore, the Company no longer has access to this revolving loan facility. As of December 31, 2016, the Company had outstanding borrowings of \$9,000,000 under the Main Street Term Loan. While an event of default exists under the Main Street Loan Agreement, we are not able to access the \$2,000,000 of remaining availability under the Main Street Term Loan. Borrowings under the Main Street Term Loan mature on October 17, 2018 unless sooner terminated as provided in the Main Street Loan Agreement. The Main Street Loan Agreement provides that the Main Street Term Loan borrowings bear interest at 12% per annum. Interest payments on the outstanding borrowings under the Main Street Term Loan are due monthly. The Company is required to make quarterly principal payments on the Main Street Term Loan through the maturity date in an amount equal to 50% of Excess Cash Flow generated by the Company during the trailing fiscal quarter (Excess Cash Flow is defined in the Main Street Loan Agreement and is effectively equal to cash flow from operations less capital expenditures less principal payments on capital leases). In the event there were outstanding borrowings on the Main Street Revolver, any quarterly principal payments were first applied to the Main Street Revolver and then to the Main Street Term Loan. During the year ended December 31, 2016, the Company made \$400,000 of principal payments on the Main Street Revolver of which \$244,000 related to required payments based on Excess Cash Flow for the first quarter of 2016.

The Main Street Loan Agreement contains certain financial covenants that are measured on a quarterly basis. The Company breached its debt to Adjusted EBITDA ratio covenant as of June 30, 2016, September 30, 2016 and December 31, 2016 and breached the fixed charge coverage ratio covenant as of September 30, 2016 and December 31, 2016, each of which constitutes an event of default under the Main Street Loan Agreement. Main Street has not provided a waiver of any of the existing defaults, and thus Main Street may seek a variety of remedies under the loan documents including, without limitation, acceleration of the indebtedness owing under the Main Street Loan Agreement. Based on the Company's current financial projections, we believe that it is likely that the Company will breach both of the financial covenants in the Main Street Loan Agreement throughout 2017 and 2018. Accordingly we are exploring various alternatives to renegotiate our financial covenants and address our liquidity issues, including, without limitation, a potential restructuring of the Main Street and SRS indebtedness, which may involve a conversion of a portion or all of our debt to equity or a debt refinancing, coupled with a capital raise.

As of December 31, 2016, the Company had outstanding borrowings of \$1,785,000 on the SRS Note. The maturity date of the SRS Note is July 6, 2017 and the interest rate on the SRS Note is 15% per annum. Payment of all interest earned after March 1, 2015 is due on July 6, 2017, unless certain trailing Adjusted EBITDA targets are met as defined in the SRS Note. The SRS Note is subordinate to borrowings under the Main Street Loan Agreement, and is only permitted to be repaid if permitted by the terms of the Main Street Loan Agreement. In addition, under the terms of the Subordination Agreement among the Company, SRS and Main Street, repayment of the principal and accrued interest on the SRS Note is permitted to occur only if the Company's cash balance is 200% greater than the balance of the SRS Note. The Company is required to make monthly principal payments in the amount of \$50,000 in the event the Company's trailing three month Adjusted EBITDA exceeds \$1,500,000. The Company is required to make additional payments on the principal amount over the remaining term of the SRS Note in an amount equal to 40% of the Company's trailing six month Adjusted EBITDA less \$3,000,000. During the years ended December 31, 2016 and 2015, the Company was not required to make any principal payments on the SRS Note. We expect accrued interest on the SRS Note will increase from \$565,000 as of December 31, 2016 to \$752,000 as of June 30, 2017.

Because the maturity date of the SRS Note (July 6, 2017) falls within twelve months following the filing of this Report, the Company believes that, based on our current projection of revenue, expenses, capital expenditures and cash flows, it will not have sufficient resources and cash flows to service its debt obligations, including repayment of the SRS Note, and fund its operations for at least the next twelve months following the filing of this Report. In addition, there can be no assurances that Main Street will not accelerate the indebtedness outstanding under the Main Street Loan Agreement. In the event that our lenders accelerate the repayment of such indebtedness, we would not have sufficient resources and/or cash flow to repay the indebtedness. While we expect to continue to adjust our cost of revenue and other operating expenses to partially offset the impact of revenue declines associated with our legacy services, a restructuring of our Main Street and SRS debt or capital infusion is necessary to fund our obligations. We have renegotiated financial covenants and/or refinanced our indebtedness in the past but there is no assurance we will be able to successfully renegotiate or refinance all or any portion of our indebtedness in the future. If we were unable to repay or otherwise refinance the indebtedness under the loan agreements upon acceleration or when otherwise due, our lenders could foreclose on the collateral that secures our obligations under the loan agreements, which could force us into bankruptcy or liquidation. In the event we need access to capital to fund operations or provide growth capital, we would likely need to raise capital in one or more equity offerings. There can be no assurance that we will be successful in raising necessary capital or that any such offering will be on terms acceptable to the Company. If we are unable to raise additional capital that may be needed on

terms acceptable to us, it could have a material adverse effect on the Company. The factors discussed above raise substantial doubt as to our ability to continue as a going concern. The accompanying consolidated financial statements do not include any adjustments that might result from these uncertainties.

### Critical Accounting Policies

We prepare our consolidated financial statements in accordance with U.S. GAAP. Our significant accounting policies are described in Note 1 to our consolidated financial statements attached hereto. We believe the following critical accounting policies involve the most significant judgments and estimates used in the preparation of our consolidated financial statements.

*Revenue Recognition.* Revenue billed in advance for video collaboration services is deferred until the revenue has been earned, which is when the related services have been performed. Other service revenue, including amounts passed through based on surcharges from our telecom carriers, related to the network services and collaboration services are recognized as service is provided. As the non-refundable, upfront installation and activation fees charged to our customers do not meet the criteria as a separate unit of accounting, they are deferred and recognized over the 12 to 24 month period estimated life of the customer relationship. Revenue related to professional services is recognized at the time the services are performed, and presented as required by Accounting Standards Codification (“ASC”) Topic 605 “*Revenue Recognition*”. Revenues derived from other sources are recognized when services are provided or events occur.

*Allowance for Doubtful Accounts.* We perform ongoing credit evaluations of our customers. We record an allowance for doubtful accounts based on specifically identified amounts that are believed to be uncollectible. We also record additional allowances based on our aged receivables, which are determined based on historical experience and an assessment of the general financial conditions affecting our customer base. If our actual collections experience changes, revisions to our allowance may be required. After all attempts to collect a receivable have failed, the receivable is written off against the allowance. We do not obtain collateral from our customers to secure accounts receivable. The allowance for doubtful accounts was \$32,000 and \$45,000 at December 31, 2016 and 2015, respectively.

*Long-Lived Assets.* We evaluate impairment losses on long-lived assets used in operations, primarily fixed assets, when events and circumstances indicate that the carrying value of the assets might not be recoverable as required by ASC Topic 360 “*Property, Plant and Equipment*”. For purposes of evaluating the recoverability of long-lived assets, the undiscounted cash flows estimated to be generated by those assets are compared to the carrying amounts of those assets. If and when the carrying values of the assets exceed their fair values, then the related assets will be written down to fair value. During 2016 and 2015, the Company recorded impairment charges of \$11,000 and \$131,000, respectively, primarily consisting of furniture, network equipment, and leasehold improvements no longer being utilized in the Company’s business. These charges are recognized as “Impairment Charges” on our Consolidated Statements of Operations.

*Capitalized Software Costs.* The Company capitalizes certain costs incurred in connection with developing or obtaining internal-use software. All software development costs have been appropriately accounted for as required by ASC Topic 350.40 “*Intangible – Goodwill and Other – Internal-Use Software*”. Capitalized software costs are included in “Property and Equipment” on our consolidated balance sheets and are amortized over three to four years. Software costs that do not meet capitalization criteria are expensed as incurred. For the year ended December 31, 2016, we capitalized internal-use software costs of \$339,000 and we amortized \$652,000 of these costs. For the year ended December 31, 2015, we capitalized internal-use software costs of \$1,153,000 and we amortized \$662,000 of these costs. During the years ended December 31, 2016 and 2015, we recorded impairment losses of \$64,000 and \$7,000, respectively, for certain discrete projects that were abandoned. These charges are recognized as “Impairment Charges” on our Consolidated Statements of Operations.

*Goodwill.* Goodwill is not amortized but is subject to periodic testing for impairment in accordance with ASC Topic 350 “*Intangibles - Goodwill and Other - Testing Indefinite-Lived Intangible Assets for Impairment*” (“ASC Topic 350”). At September 30, 2016, the Company considered the declines in our revenue and cash flows, coupled with defaults of the Main Street Loan Agreement, to be a triggering event for an interim goodwill impairment test. The performance of the impairment test involves a two-step process. The first step involves comparing the fair value of the reporting unit to the carrying value, including goodwill. The Company operates as a single reporting unit. The Company used market-based approaches to determine the fair value of the reporting unit for the first step of the goodwill impairment test. These approaches used quoted market prices in active markets and multiples of next twelve months revenue for comparable companies. The carrying amount of our reporting unit exceeded its fair value; therefore, the second step of the goodwill impairment test was performed to calculate implied goodwill and to measure the amount of impairment loss. The Company allocated the fair value of the reporting unit to all of its assets and liabilities. Based upon this allocation, the Company determined that goodwill was valued at \$9,225,000 and recorded an impairment charge of \$600,000 during the year ended December 31, 2016. This charge is recognized as “Impairment Charges” on our Consolidated Statements of Operations. We will test goodwill for impairment on an annual basis on September 30 each year or more frequently

if events occur or circumstances change indicating that the fair value of the goodwill may be below its carrying amount. The continued future decline of our revenue, cash flows and/or stock price may give rise to a triggering event that may require the Company to record additional impairment charges on goodwill in the future.

**Intangible Assets.** Intangible assets include customer relationships, affiliate network and trademarks recorded in connection with the acquisition of Affinity in October 2012. Intangible assets with finite lives are amortized using the straight-line method over the estimated economic lives of the assets, which range from five years to twelve years in accordance with ASC Topic 350 "*Intangibles - Goodwill and Other - Testing Indefinite-Lived Intangible Assets for Impairment*". Long-lived assets, including intangible assets with finite lives, are reviewed for impairment whenever events or changes in circumstances indicate that the carrying amount of such assets may not be recoverable. Fair value of our intangible assets is determined using the relief from royalty methodology. This approach involves two steps: (a) estimating reasonable royalty rates for each intangible asset and (b) applying these royalty rates to a net revenue stream and discounting the resulting cash flows to determine fair value. The Company performed its annual evaluation of intangible assets as of September 30, 2016 and determined that the fair value of the long-lived assets exceeds the carrying value, therefore no impairment charges were required for the year ended December 31, 2016 (see Note 6 to our consolidated financial statements for further discussion).

## **Inflation**

Management does not believe inflation had a significant effect on the consolidated financial statements for the periods presented.

## **Off-Balance Sheet Arrangements**

As of December 31, 2016 and 2015 we had no off-balance sheet arrangements.

## **Recent Accounting Pronouncements**

In May 2014, the Financial Accounting Standards Board ("FASB") issued Accounting Standards Update ASU 2014-09, "*Revenue from Contracts with Customers*" (Subtopic 606), which supersedes most existing revenue recognition guidance under U.S. GAAP. The core principle of ASU 2014-09 is to recognize revenues when promised goods or services are transferred to customers in an amount that reflects the consideration to which an entity expects to be entitled for those goods or services. ASU 2014-09 defines a five step process to achieve this core principle and, in doing so, more judgment and estimates may be required within the revenue recognition process than are required under existing U.S. GAAP. The standard is effective for annual periods beginning after December 15, 2017, and interim periods therein, using either of the following transition methods: (i) a full retrospective approach reflecting the application of the standard in each prior reporting period with the option to elect certain practical expedients, or (ii) a retrospective approach with the cumulative effect of initially adopting ASU 2014-09 recognized at the date of adoption (which includes additional footnote disclosures). We continue to evaluate the impact of the pending adoption of ASU 2014-09 on our consolidated financial statements and believe that the Company will use the retrospective approach with the cumulative effect of initially adopting ASU 2014-09 recognized at the date of adoption. The Company has commenced analysis of our revenue streams and the application of the standard. Management does not expect the adoption of ASU 2014-09 to have a material impact on our financial statements and disclosures.

In November 2015, the FASB issued ASU 2015-17, "*Income Taxes*" (Subtopic 740). The amendments in this update require deferred tax liabilities and assets be classified as non-current regardless of the classification of the underlying assets and liabilities. For public companies, the amendments will be effective for financial statements issued for annual periods beginning after December 15, 2016. Earlier application is permitted. Management does not expect the adoption of ASU 2015-17 to have a material impact on our financial statements and disclosures.

In February 2016, the FASB created Topic 842 and issued ASU 2016-02, "*Leases*". The guidance in this update supersedes Topic 840, "*Leases*". This ASU requires lessees to recognize a right-of-use assets and a lease liability, initially measured at the present value of the lease payments on the balance sheet. For public companies, the amendments will be effective for fiscal years beginning after December 15, 2018, including interim periods within those fiscal years. Earlier application is permitted. Management is currently evaluating the impact of the adoption of ASU 2016-02 on our financial statements and disclosures.

In March 2016, the FASB issued ASU 2016-09, "*Compensation - Stock Compensation*" (Subtopic 718). The guidance in this update includes amendments that require excess tax benefits or deficiencies resulting from share-based payments be recognized in the income statement as a component of the provision for income taxes, whereas previously these were recognized within additional paid-in capital. Further, the new guidance provides an accounting policy election to account for forfeitures as they occur. The new standard also amends the presentation of employee share-based payment related items in the

statement of cash flows by requiring that: (i) excess tax benefits be classified as cash inflows provided by operating activities, and (ii) cash paid to taxing authorities arising from the withholding of shares from employees be classified as cash outflows used in financing activities. For public companies, the amendments will be effective for financial statements issued for annual periods beginning after December 15, 2016, and interim periods within those annual periods. Earlier application is permitted for any interim or annual period. Management does not expect the adoption of ASU 2016-09 to have a material impact on our financial statements and disclosures.

In August 2016, the FASB issued ASU 2016-09, “*Statement of Cash Flows-Classification of Certain Cash Receipts and Cash Payments*” (Subtopic 230). This guidance clarifies how entities should classify certain cash receipts and cash payments on the statement of cash flows. The amendment addresses eight specific cash flow issues with the objective of reducing the existing diversity in practice. These updates are effective for annual reporting periods beginning after December 15, 2017, and interim periods within those annual periods, with early adoption permitted. The guidance should be applied retrospectively unless it is impractical to do so; in which case, the guidance should be applied prospectively as of the earliest date practicable. Management is currently evaluating the impact of the adoption of ASU 2016-09 on our financial statements and disclosures.

In November 2016, the FASB issued ASU 2016-18, “*Statement of Cash Flows-Restricted Cash*” (Subtopic 230). These amendments require 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. As a result, amounts generally described as restricted cash and restricted cash equivalents should be included with cash and cash equivalents when reconciling the beginning of period and end of period total amounts shown on the statement of cash flows. The amendments do not provide definition of restricted cash or restricted cash equivalents. Effective date for public business entities for fiscal years beginning after December 15, 2017, and interim periods within those fiscal years. Early adoption is permitted. Management does not expect the adoption of ASU 2016-18 to have any impact on our financial statements and disclosures, as restricted cash is currently included in the change of cash on the statement of cash flows.

In January 2017, the FASB issued ASU 2017-04, “*Intangibles - Goodwill and Other: Simplifying the Test for Goodwill Impairment*” (Subtopic 350). This guidance simplifies the accounting for goodwill impairment by removal of Step 2 of the goodwill impairment test. A goodwill impairment will now be the amount by which a reporting unit’s carrying value exceeds its fair value, not to exceed the carrying amount of goodwill. For public companies, the standard will be effective for calendar year-end December 15, 2020. Earlier adoption is permitted for any impairment test performed after January 1, 2017. Management is currently evaluating the impact of the adoption of ASU 2017-04 on our financial statements and disclosures.

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

Not applicable.

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

The information required by this Item 8 is incorporated by reference herein from Item 15, Part IV, of this Report.

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

None.

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

##### *Disclosure Controls and Procedures*

The Company’s management, with the participation of the Company’s Chief Executive Officer and Chief Financial Officer, has evaluated the effectiveness of the Company’s disclosure controls and procedures (as such term is defined in Rule 13a-15(e) and 15d-15(e) under the Exchange Act) as of December 31, 2016. Based on such evaluation, the Company’s Chief Executive Officer and Chief Financial Officer have concluded that, as of December 31, 2016, the Company’s disclosure controls and procedures are effective to ensure that information required to be disclosed by the Company in the reports we file or submit under the Exchange Act is recorded, processed, summarized and reported within the time periods specified by the SEC’s rules and forms and are designed to ensure that information required to be disclosed by the Company in the reports we file or submit under the Exchange Act is accumulated and communicated to the Company’s management, including the Company’s Chief Executive Officer and Chief Financial Officer, as appropriate to allow timely decisions regarding required disclosure.

##### *Changes in Internal Control Over Financial Reporting*

The Company's management, with the participation of the Company's Chief Executive Officer and Chief Financial Officer, has evaluated changes in internal control over financial reporting (as such term is defined in Rules 13a-15(f) and 15d-15(f) under the Exchange Act) that occurred during the quarter ended December 31, 2016 and have concluded that no change has materially affected, or is reasonably likely to materially affect, the Company's internal control over financial reporting.

#### *Management's Annual Report On Internal Control Over Financial Reporting*

The Company's management is responsible for establishing and maintaining an adequate system of internal control over financial reporting, as such term is defined in Exchange Act Rules 13a-15(f) and 15d-15(f). Our internal control system was designed to provide reasonable assurance regarding the reliability of financial reporting and the preparation of consolidated financial statements for external purposes, in accordance with U.S. GAAP. Because of 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 policies and procedures may deteriorate.

The Company's management, including the Company's Chief Executive Officer and Chief Financial Officer, has conducted an evaluation of the effectiveness of our internal control over financial reporting as of December 31, 2016 based on the 2013 framework in Internal Control – Integrated Framework issued by the Committee of Sponsoring Organizations of the Treadway Commission ("COSO"). The COSO framework summarizes each of the components of a company's internal control system, including (i) the control environment, (ii) risk assessment, (iii) control activities, (iv) information and communication, and (v) monitoring. Based on this evaluation, the Company's management concluded that our internal control over financial reporting was effective as of December 31, 2016.

#### **Item 9B. Other Information**

None.

### **PART III**

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

Our board of directors has adopted a code of ethics that applies to all of our directors, officers and employees, including our chief executive officer, chief financial officer and all of the finance team. The full text of our code of ethics can be found on the investor relations page of our website at [www.glowpoint.com](http://www.glowpoint.com). We intend to satisfy the disclosure requirement under Item 406(c) of Regulation S-K regarding an amendment to, or waiver from, a provision of our code of ethics by posting such information on our website at the address and the location specified above.

Glowpoint will file with the SEC a definitive proxy statement pursuant to Regulation 14A no later than 120 days after December 31, 2016. The information required by this Item will appear in that definitive proxy statement and is incorporated by reference herein.

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

Glowpoint will file with the SEC a definitive proxy statement pursuant to Regulation 14A no later than 120 days after December 31, 2016. The information required by this Item will appear in that definitive proxy statement and is incorporated by reference herein.

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

Glowpoint will file with the SEC a definitive proxy statement pursuant to Regulation 14A no later than 120 days after December 31, 2016. The information required by this Item will appear in that definitive proxy statement and is incorporated by reference herein.

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

Glowpoint will file with the SEC a definitive proxy statement pursuant to Regulation 14A no later than 120 days after December 31, 2016. The information required by this Item will appear in that definitive proxy statement and is incorporated by reference herein.

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

Glowpoint will file with the SEC a definitive proxy statement pursuant to Regulation 14A no later than 120 days after December 31, 2016. The information required by this Item will appear in that definitive proxy statement and is incorporated by reference herein.

**Item 15. Exhibits, Financial Statement Schedules**

A. The following documents are filed as part of this Report:

1. Consolidated Financial Statements:

	<u>Page</u>
Report of Independent Registered Public Accounting Firm	F 1
Consolidated Balance Sheets at December 31, 2016 and 2015	F 2
Consolidated Statements of Operations for the years ended December 31, 2016 and 2015	F 3
Consolidated Statements of Stockholders' Equity for the years ended December 31, 2016 and 2015	F 4
Consolidated Statements of Cash Flows for the years ended December 31, 2016 and 2015	F 5
Notes to Consolidated Financial Statements	F 6

2. Financial Statement Schedules have been omitted since they are either not required, not applicable, or the information is otherwise included.

3. Exhibits:

A list of exhibits required to be filed as part of this Report is set forth in the Exhibit Index on page [27](#) of this Form 10-K, which immediately precedes such exhibits, and is incorporated by reference.

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

None.

**EXHIBIT INDEX**

<b>Exhibit Number</b>	<b>Description</b>
2.1	Agreement and Plan of Merger dated August 12, 2012 (filed as Exhibit 2.1 to Registrant's Current Report on Form 8-K filed with the Securities and Exchange Commission ("SEC") on August 13, 2012, and incorporated herein by reference).
3.1	Amended and Restated Certificate of Incorporation (filed as Appendix D to View Tech, Inc.'s Registration Statement on Form S-4 (File No. 333-95145) filed with the SEC on January 21, 2000, and incorporated herein by reference).
3.2	Certificate of Amendment to the Amended and Restated Certificate of Incorporation of Wire One Technologies, Inc. changing its name to Glowpoint, Inc. (filed as Exhibit 3.2 to Registrant's Annual Report on Form 10-K filed with the SEC on March 30, 2004, and incorporated herein by reference).
3.3	Certificate of Amendment to the Amended and Restated Certificate of Incorporation of Glowpoint, Inc. increasing its authorized common stock to 150,000,000 shares from 100,000,000 shares (filed as Exhibit 3.1 to Registrant's Current Report on Form 8-K filed with the SEC on September 24, 2007, and incorporated herein by reference).
3.4	Certificate of Amendment to the Amended and Restated Certificate of Incorporation of Glowpoint, Inc. effecting a one-for-four reverse stock split of the common stock of Glowpoint, Inc. (filed as Exhibit 3.1 to Registrant's Current Report on Form 8-K filed with the SEC on January 13, 2011, and incorporated herein by reference).
3.5	Amended and Restated By-laws (filed as Exhibit 3.1 to Registrant's Current Report on Form 8-K filed with the SEC on December 8, 2011, and incorporated herein by reference).
4.1	Specimen Common Stock Certificate (filed as Exhibit 4.1 to Registrant's Annual Report on Form 10-K filed with the SEC on June 6, 2007, and incorporated herein by reference).
4.2	Certificate of Designations, Preferences and Rights of Series D Preferred Stock (filed as Exhibit 4.6 to Registrant's Current Report on Form 8-K filed with the SEC on September 24, 2007, and incorporated herein by reference).
4.3	Certificate of Designations, Preferences and Rights of Series A-2 Preferred Stock of Glowpoint (filed as Exhibit 4.1 to Registrant's Current Report on Form 8-K filed with the SEC on August 11, 2009, and incorporated herein by reference).
4.4	Certificate of Designations, Preferences and Rights of Perpetual Series B-1 Preferred Stock of Glowpoint (filed as Exhibit 3.1 to Registrant's Current Report on Form 8-K filed with the SEC on August 9, 2011, and incorporated herein by reference).
10.1#	Glowpoint, Inc. 2000 Stock Incentive Plan (filed as Exhibit 4.9 to Registrant's Quarterly Report on Form 10-Q filed with the SEC on November 7, 2000, and incorporated herein by reference).
10.2#	Glowpoint, Inc. 2007 Stock Incentive Plan, as amended through June 1, 2011 (filed as Exhibit 10.1 to Registrant's Current Report on Form 8-K filed with the SEC on June 2, 2011, and incorporated herein by reference).
10.3#	Form of Stock Option Award Agreement (filed as Exhibit 99.1 to Registrant's Current Report on Form 8-K filed with the SEC on March 15, 2012, and incorporated herein by reference).
10.4#	Form of Restricted Stock Award Agreement (filed as Exhibit 99.2 to Registrant's Current Report on Form 8-K filed with the SEC on March 15, 2012, and incorporated herein by reference).
10.5#	Glowpoint, Inc. 2014 Equity Incentive Plan (filed as Exhibit 10.2 to Registrant's Current Report on Form 8-K filed with the SEC on June 2, 2014, and incorporated herein by reference).
10.6#	2015 Form of Performance-Vested Restricted Stock Unit Agreement (Executive Officers) (filed as Exhibit 10.6 to Registrant's Annual Report on Form 10-K filed with the SEC on March 5, 2015, and incorporated herein by reference).
10.7#	2015 Form of Performance-Vested Restricted Stock Unit Agreement (Employees) (filed as Exhibit 10.7 to Registrant's Annual Report on Form 10-K filed with the SEC on March 5, 2015, and incorporated herein by reference).
10.8#*	2016 Form of Performance-Vested Restricted Stock Unit Agreement (Executive Officers).
10.9#*	2016 Form of Performance-Vested Restricted Stock Unit Agreement (Employees).
10.10#	Form of Time-Vested Restricted Stock Unit Agreement (Executive Officers) (filed as Exhibit 10.8 to Registrant's Annual Report on Form 10-K filed with the SEC on March 5, 2015, and incorporated herein by reference).
10.11#	Form of Time-Vested Restricted Stock Unit Agreement (Employees) (filed as Exhibit 10.9 to Registrant's Annual Report on Form 10-K filed with the SEC on March 5, 2015, and incorporated herein by reference).
10.12#*	Form of Restricted Stock Grant Agreement.
10.13#	Form of Director Restricted Stock Unit Agreement (filed as Exhibit 10.8 to Registrant's Annual Report on Form 10-K filed with the SEC on March 5, 2015, and incorporated herein by reference).

10.14	Registration Rights Agreement, dated as of August 9, 2013, by and between Glowpoint, Inc. and GP Investment Holdings, LLC (filed as Exhibit 10.2 to Registrant's Current Report on Form 8-K filed with the SEC on August 13, 2013, and incorporated herein by reference).
10.15#	Amended and Restated Employment Agreement between Glowpoint, Inc. and Peter Holst, dated as of January 28, 2016 (filed as Exhibit 10.1 to Registrant's Current Report on Form 8-K filed with the SEC on January 29, 2016, and incorporated herein by reference).
10.16#	Employment Agreement between Glowpoint, Inc. and David Clark, dated as of March 25, 2013 (filed as Exhibit 10.2 to Registrant's Current Report on Form 8-K filed with the SEC on March 28, 2013, and incorporated herein by reference).
10.17#	First Amendment to Employment Agreement between Glowpoint, Inc. and David Clark, dated as of January 28, 2016 (filed as Exhibit 10.2 to Registrant's Current Report on Form 8-K filed with the SEC on January 29, 2016, and incorporated herein by reference).
10.18#	Severance and Release Agreement between Glowpoint, Inc. and Scott Zumbahlen, dated as of February 9, 2015 (filed as Exhibit 10.1 to Registrant's Current Report on Form 8-K filed with the SEC on February 13, 2015, and incorporated herein by reference).
10.19#	Severance and Release Agreement by and between Glowpoint, Inc. and Gary Iles dated June 10, 2016 (filed as Exhibit 10.1 to Registrant's Current Report on Form 8-K filed with the SEC on June 16, 2016, and incorporated herein by reference).
10.20#	Form of Retention Bonus Agreement (filed as Exhibit 10.1 to Registrant's Quarterly Report on Form 10-Q filed with the SEC on November 4, 2016, and incorporated herein by reference).
10.21	Loan Agreement, dated October 17, 2013, by and among Glowpoint, Inc. and its subsidiaries and Main Street Capital Corporation, as administrative agent and collateral agent for itself and the other lenders from time to time party thereto (filed as Exhibit 10.1 to Registrant's Current Report on Form 8-K filed with the SEC on October 23, 2013, and incorporated herein by reference).
10.22	First Amendment to Loan Agreement, dated February 27, 2015, by and among Glowpoint, Inc. and its subsidiaries and Main Street Capital Corporation, as administrative agent and collateral agent for itself and the other lenders from time to time party thereto.
10.23	Third Amended and Restated Nonnegotiable Promissory Note in favor of Shareholder Representative Services LLC, on behalf of the prior stockholders of Affinity VideoNet, Inc., dated as of February 27, 2015.
10.24#	Form of Indemnification Agreement for directors and officers (filed as Exhibit 10.1 to Registrant's Form 8-K filed with the SEC on June 2, 2014, and incorporated herein by reference).
21.1	Subsidiaries of Glowpoint, Inc. (filed as Exhibit 21.1 to Registrant's Annual Report on Form 10-K filed with the SEC on March 5, 2015, and incorporated herein by reference).
23.1*	Consent of Independent Registered Public Accounting Firm-EisnerAmper LLP.
24.1	Power of Attorney (included in the signature page hereto)
31.1*	Rule 13a-14(a)/15d-14(a) Certification of the Chief Executive Officer.
31.2*	Rule 13a-14(a)/15d-14(a) Certification of the Chief Financial Officer.
32.1*	Section 1350 Certification of the Chief Executive Officer and Chief Financial Officer.
101.INS	XBRL Instance Document
101.SCH	XBRL Taxonomy Extension Schema
101.CAL	XBRL Taxonomy Extension Calculation Linkbase
101.DEF	XBRL Taxonomy Extension Definition Linkbase
101.LAB	XBRL Taxonomy Extension Label Linkbase
101.PRE	XBRL Taxonomy Extension Presentation Linkbase

# Constitutes a management contract, compensatory plan or arrangement.

\* Filed herewith.

**SIGNATURES**

Pursuant to the requirement 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.

March 31, 2017

**GLOWPOINT, INC.**

By: /s/ Peter Holst  
Peter Holst  
Chief Executive Officer and President

**POWER OF ATTORNEY**

KNOW ALL MEN BY THESE PRESENTS, that each person whose signature appears below constitutes and appoints Peter Holst and David Clark jointly and severally, his attorneys-in-fact, each with power of substitution, for him in any and all capacities, to sign any amendments to this Report on Form 10-K, and 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 report has been signed below by the following persons on behalf of the registrant as of this 31<sup>st</sup> day of March 2017 in the capacities indicated.

/s/ Peter Holst Chief Executive Officer, President and Director (Principal Executive Officer)  
Peter Holst

/s/ David Clark Chief Financial Officer (Principal Financial and Accounting Officer)  
David Clark

/s/ Patrick Lombardi Director and Chairman of the Board  
Patrick Lombardi

/s/ Kenneth Archer Director  
Kenneth Archer

/s/ David Giangano Director  
David Giangano

/s/ James Lusk Director  
James Lusk

The Board of Directors and Stockholders of  
Glowpoint, Inc.

We have audited the accompanying consolidated balance sheets of Glowpoint, Inc. and Subsidiaries (the "Company") as of December 31, 2016 and 2015, and the related consolidated statements of operations, stockholders' equity, and cash flows for each of the years in the two-year period ended December 31, 2016. The financial statements are the responsibility of the Company's management. Our responsibility is to express an opinion on these financial statements based on our 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 audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. The Company is not required to have, nor were we engaged to perform, an audit of its internal control over financial reporting. Our audits included consideration of internal control over financial reporting as a basis for designing audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Company's internal control over financial reporting. Accordingly, we express no such opinion. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audits provide a reasonable basis for our opinion.

In our opinion, the financial statements referred to above present fairly, in all material respects, the consolidated financial position of Glowpoint, Inc. and Subsidiaries as of December 31, 2016 and 2015, and the consolidated results of their operations and their cash flows for each of the years in the two-year period ended December 31, 2016, in conformity with accounting principles generally accepted in the United States of America.

The accompanying consolidated financial statements have been prepared assuming that the Company will continue as a going concern. As discussed in Note 2 to the consolidated financial statements, the Company is in default of its loan agreement which raises substantial doubt about its ability to continue as a going concern. Management's plans in regard to these matters are also described in Note 2. The consolidated financial statements do not include any adjustments that might result from the outcome of this uncertainty.

/s/ EisnerAmper LLP

Iselin, New Jersey  
March 31, 2017

**GLOWPOINT, INC.**  
**CONSOLIDATED BALANCE SHEETS**  
(In thousands, except par value, stated value and shares)

	December 31, 2016	December 31, 2015
<b>ASSETS</b>		
Current assets:		
Cash	\$ 1,140	\$ 1,764
Accounts receivable, net	1,635	2,698
Prepaid expenses and other current assets	978	553
Total current assets	3,753	5,015
Property and equipment, net	2,203	2,986
Goodwill	9,225	9,825
Intangibles, net	1,309	2,178
Other assets	10	30
Total assets	\$ 16,500	\$ 20,034
<b>LIABILITIES AND STOCKHOLDERS' EQUITY</b>		
Current liabilities:		
Current portion of long-term debt	\$ 10,660	\$ 400
Accounts payable	75	385
Accrued expenses and other liabilities	1,165	1,492
Accrued dividends	47	36
Accrued sales taxes and regulatory fees	395	441
Total current liabilities	12,342	2,754
Long term liabilities:		
Deferred tax liability	230	309
Long term debt, net of current portion	—	10,588
Total long term liabilities	230	10,897
Total liabilities	12,572	13,651
Commitments and contingencies (see Note 14)		
Stockholders' equity:		
Preferred stock Series A-2, convertible; \$.0001 par value; \$7,500 stated value; 7,500 shares authorized, 32 shares issued and outstanding and liquidation preference of \$237 at December 31, 2016 and 2015, respectively	100	100
Common stock, \$.0001 par value; 150,000,000 shares authorized; 36,659,000 issued and 36,455,000 outstanding at December 31, 2016 and 35,889,000 shares issued and 35,710,000 outstanding at December 31, 2015	4	4
Treasury stock, 204,000 and 179,000 shares at December 31, 2016 and 2015, respectively	(219)	(206)
Additional paid-in capital	180,333	179,242
Accumulated deficit	(176,290)	(172,757)
Total stockholders' equity	3,928	6,383
Total liabilities and stockholders' equity	\$ 16,500	\$ 20,034

See accompanying notes to consolidated financial statements.

**GLOWPOINT, INC.**  
**CONSOLIDATED STATEMENTS OF OPERATIONS**  
(In thousands, except per share data)

	Year Ended December 31,	
	2016	2015
Revenue	\$ 19,218	\$ 25,541
Operating expenses:		
Cost of revenue (exclusive of depreciation and amortization)	11,682	14,844
Research and development	1,117	1,350
Sales and marketing	664	2,047
General and administrative	5,206	5,416
Impairment charges	675	138
Depreciation and amortization	1,959	2,235
Total operating expenses	<u>21,303</u>	<u>26,030</u>
Loss from operations	(2,085)	(489)
Interest and other expense, net	1,527	1,484
Loss before income taxes	(3,612)	(1,973)
Income tax (benefit) expense	(79)	170
Net loss	<u>\$ (3,533)</u>	<u>\$ (2,143)</u>
Preferred stock dividends	12	18
Net loss attributable to common stockholders	<u>\$ (3,545)</u>	<u>\$ (2,161)</u>
Net loss attributable to common stockholders per share:		
Basic and diluted net loss per share	<u>\$ (0.10)</u>	<u>\$ (0.06)</u>
Weighted-average number of common shares:		
Basic and diluted	35,611	35,442

See accompanying notes to consolidated financial statements.

**GLOWPOINT, INC.**  
**CONSOLIDATED STATEMENT OF STOCKHOLDERS' EQUITY**  
(In thousands, except shares of Series A-2 Preferred Stock)

	Series A-2 Preferred Stock		Common Stock		Treasury Stock		Additional Paid-In Capital	Accumulated Deficit	Total
	Shares	Amount	Shares	Amount	Shares	Amount			
Balance at December 31, 2014	53	\$ 167	35,951	\$ 4	40	\$ (66)	\$ 178,476	\$ (170,614)	\$ 7,967
Net loss	—	—	—	—	—	—	—	(2,143)	(2,143)
Stock-based compensation	—	—	—	—	—	—	813	—	813
2014 Plan equity issuance costs	—	—	—	—	—	—	(36)	—	(36)
Preferred stock conversion	(21)	(67)	60	—	—	—	89	—	22
Forfeited restricted stock	—	—	(139)	—	—	—	—	—	—
Preferred stock dividends	—	—	—	—	—	—	(18)	—	(18)
Repurchase of common stock	—	—	—	—	139	(140)	—	—	(140)
Issuance of common stock under an at-the-market sales agreement, net of expenses	—	—	17	—	—	—	(82)	—	(82)
Balance at December 31, 2015	32	\$ 100	35,889	\$ 4	179	\$ (206)	\$ 179,242	\$ (172,757)	\$ 6,383
Net loss	—	—	—	—	—	—	—	(3,533)	(3,533)
Stock-based compensation	—	—	—	—	—	—	836	—	836
Equity issuance costs	—	—	—	—	—	—	(30)	—	(30)
Issuance of restricted stock	—	—	170	—	—	—	93	—	93
Issuance of stock for UTC settlement	—	—	600	—	—	—	204	—	204
Preferred stock dividends	—	—	—	—	—	—	(12)	—	(12)
Repurchase of common stock	—	—	—	—	25	(13)	—	—	(13)
Balance at December 31, 2016	32	\$ 100	36,659	\$ 4	204	\$ (219)	\$ 180,333	\$ (176,290)	\$ 3,928

See accompanying notes to consolidated financial statements.

**GLOWPOINT, INC.**  
**CONSOLIDATED STATEMENTS OF CASH FLOWS**  
(In thousands)

	Year Ended December 31,	
	2016	2015
Cash flows from Operating Activities:		
Net loss	\$ (3,533)	\$ (2,143)
Adjustments to reconcile net loss to net cash provided by operating activities:		
Depreciation and amortization	1,959	2,235
Bad debt expense	20	37
Amortization of deferred financing costs	72	87
Stock-based compensation	929	813
Stock-based expense	204	—
Impairment charges	675	138
Deferred tax provision	(79)	170
Increase (decrease) attributable to changes in assets and liabilities:		
Accounts receivable	1,043	539
Prepaid expenses and other current assets	(425)	267
Other assets	1	15
Accounts payable	(310)	(835)
Accrued expenses	(327)	(83)
Accrued sales taxes and regulatory fees	(46)	(3)
Net cash provided by operating activities	<u>183</u>	<u>1,237</u>
Cash flows from Investing Activities:		
Proceeds on sale of equipment	—	3
Purchases of property and equipment	(382)	(1,247)
Net cash used in investing activities	<u>(382)</u>	<u>(1,244)</u>
Cash flows from Financing Activities:		
Principal payments for capital lease	—	(43)
Principal payments under borrowing arrangements	(400)	(613)
Advances on borrowing arrangements	—	613
Proceeds from issuance of common stock	—	18
Payment of equity issuance costs	(12)	(2)
Purchase of treasury stock	(13)	(140)
Net cash used in financing activities	<u>(425)</u>	<u>(167)</u>
Decrease in cash and cash equivalents	(624)	(174)
Cash at beginning of period	1,764	1,938
Cash at end of period	<u>\$ 1,140</u>	<u>\$ 1,764</u>
Supplement disclosures of cash flow information:		
Cash paid during the period for interest	\$ 1,116	\$ 1,199
Non-cash investing and financing activities:		
Preferred stock conversion	\$ —	\$ 89
Recognition of prepaid equity issuance costs as additional paid-in capital	\$ 18	\$ 136
Accrued preferred stock dividends	\$ 12	\$ 18

See accompanying notes to consolidated financial statements.

**GLOWPOINT, INC.**  
**NOTES TO CONSOLIDATED FINANCIAL STATEMENTS**

**Note 1 - Business Description and Significant Accounting Policies**

**Business Description**

Glowpoint, Inc. ("Glowpoint" or "we" or "us" or the "Company") is a managed service provider of video collaboration and network applications. Our services are designed to provide a comprehensive suite of automated and concierge applications to simplify the user experience and expedite the adoption of video as the primary means of collaboration. Our customers include Fortune 1000 companies, along with small and medium enterprises in a variety of industries. We market our services globally through a multi-channel sales approach that includes direct sales and channel partners. The Company was formed as a Delaware corporation in May 2000. The Company operates in one segment and therefore segment information is not presented.

**Principles of Consolidation**

The consolidated financial statements include the accounts of Glowpoint and our 100%-owned subsidiary, GP Communications, LLC, whose business function is to provide interstate telecommunications services for regulatory purposes. All material inter-company balances and transactions have been eliminated in consolidation.

**Reclassification**

Certain prior year amounts have been reclassified to conform with the current year presentation.

**Use of Estimates**

Preparation of the consolidated financial statements in conformity with U.S. generally accepted accounting principles ("U.S. GAAP") requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the consolidated financial statements and the reported amounts of revenues and expenses during the reporting period. Actual amounts could differ from the estimates made. We continually evaluate estimates used in the preparation of our consolidated financial statements for reasonableness. Appropriate adjustments, if any, to the estimates used are made prospectively based upon such periodic evaluation. The significant areas of estimation include determining the allowance for doubtful accounts, deferred tax valuation allowance, accrued sales taxes and regulatory fees, stock-based compensation, the valuation of goodwill, the valuation of intangible assets and their estimated lives, and the estimated lives and recoverability of property and equipment.

**Allowance for Doubtful Accounts**

We perform ongoing credit evaluations of our customers. We record an allowance for doubtful accounts based on specifically identified amounts that are believed to be uncollectible. We also record additional allowances based on our aged receivables, which are determined based on historical experience and an assessment of the general financial conditions affecting our customer base. If our actual collections experience changes, revisions to our allowance may be required. After all attempts to collect a receivable have failed, the receivable is written off against the allowance. We do not obtain collateral from our customers to secure accounts receivable. The allowance for doubtful accounts was \$32,000 and \$45,000 at December 31, 2016 and 2015, respectively.

**Fair Value of Financial Instruments**

The Company considers its cash, accounts receivable and accounts payable to meet the definition of financial instruments. The carrying amount of cash, accounts receivable and accounts payable approximated their fair value due to the short maturities of these instruments. The carrying amounts of our debt obligations (see Note 7) approximate their fair values, which are based on borrowing rates that are available to the Company for loans with similar terms, collateral, and maturity.

The Company measures fair value as required by the ASC Topic 820 "*Fair Value Measurements and Disclosures*" ("ASC Topic 820"). ASC Topic 820 defines fair value, establishes a framework and gives guidance regarding the methods used

for measuring fair value, and expands disclosures about fair value measurements. ASC Topic 820 clarifies that fair value is an exit price, representing the amount that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants. As such, fair value is a market-based measurement that should be determined based on assumptions that market participants would use in pricing an asset or liability. As a basis for considering such assumptions, there exists a three-tier fair value hierarchy, which prioritizes the inputs used in measuring fair value as follows:

- Level 1 - unadjusted quoted prices in active markets for identical assets or liabilities that the Company has the ability to access as of the measurement date.
- Level 2 - inputs other than quoted prices included within Level 1 that are directly observable for the asset or liability or indirectly observable through corroboration with observable market data.
- Level 3 - unobservable inputs for the asset or liability only used when there is little, if any, market activity for the asset or liability at the measurement date.

This hierarchy requires the Company to use observable market data, when available, and to minimize the use of unobservable inputs when determining fair value. The Company did not have any unobservable inputs as of December 31, 2016 and 2015 or during the years then ended.

### **Revenue Recognition**

Revenue billed in advance for video collaboration services is deferred until the revenue has been earned, which is when the related services have been performed. Other service revenue, including amounts passed through based on surcharges from our telecom carriers, related to the network services and collaboration services are recognized as service is provided. As the non-refundable, upfront installation and activation fees charged to our customers do not meet the criteria as a separate unit of accounting, they are deferred and recognized over the 12 to 24 month period estimated life of the customer relationship. Revenue related to professional services is recognized at the time the services are performed, and presented as required by ASC Topic 605 "*Revenue Recognition*". Revenues derived from other sources are recognized when services are provided or events occur.

### **Taxes Billed to Customers and Remitted to Taxing Authorities**

We recognize taxes billed to customers in revenue and taxes remitted to taxing authorities in our cost of revenue. For the years ended December 31, 2016 and 2015, we included taxes of \$830,000 and \$1,070,000, respectively, in revenue and we included taxes of \$1,070,000 and \$1,032,000, respectively, in cost of revenue.

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

The Company assesses the impairment of long-lived assets used in operations, primarily fixed assets and purchased intangible assets subject to amortization when events and circumstances indicate that the carrying value of the assets might not be recoverable. For purposes of evaluating the recoverability of fixed assets, the undiscounted cash flows estimated to be generated by those assets are compared to the carrying amounts of those assets. If and when the carrying values of the assets exceed their fair values, then the related assets will be written down to fair value. Fair value of our intangible assets is determined using the relief from royalty methodology. This approach involves two steps: (a) estimating reasonable royalty rates for each intangible asset and (b) applying these royalty rates to a net revenue stream and discounting the resulting cash flows to determine fair value. This fair value is then compared with the carrying value of each intangible asset. If the carrying amount of the intangible asset is greater than its implied fair value, an impairment in the amount of the excess is recognized and charged to operations.

The determination of related estimated useful lives and whether or not these assets are impaired involves significant judgments, related primarily to the future profitability and/or future value of the assets. Changes in the Company's strategic plan and/or other-than-temporary changes in market conditions could significantly impact these judgments and could require adjustments to recorded asset balances. Long-lived assets are evaluated for impairment at least annually, as well as whenever an event or change in circumstances has occurred that could have a significant adverse effect on the fair value of long-lived assets (see Note 6).

### **Capitalized Software Costs**

The Company capitalizes certain costs incurred in connection with developing or obtaining internal-use software. All software development costs have been appropriately accounted for as required by ASC Topic 350-40 "*Intangible – Goodwill and Other – Internal-Use Software*". Capitalized software costs are included in "Property and equipment" on our consolidated

balance sheets and are amortized over three to four years. Software costs that do not meet capitalization criteria are expensed as incurred. For the year ended December 31, 2016, we capitalized internal-use software costs of \$339,000 and we amortized \$652,000 of these costs. For the year ended December 31, 2015, we capitalized internal-use software costs of \$1,153,000 and we amortized \$662,000 of these costs. During the years ended December 31, 2016 and 2015, we recorded impairment losses of \$64,000 and \$7,000, respectively, for certain discrete projects that were abandoned. These charges are recognized as "Impairment Charges" on our Consolidated Statements of Operations.

#### **Deferred Financing Costs**

Deferred financing costs relate to fees and expenses incurred in connection with entering into our debt agreements (see Note 7) and are amortized as interest expense over the contractual lives of the related credit facilities. As of December 31, 2016 and 2015, deferred financing costs of \$125,000 and \$197,000, respectively, are included as a direct reduction of the carrying amount of our debt.

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

Financial instruments that potentially subject us to significant concentrations of credit risk consist principally of cash, and trade accounts receivable. We place our cash primarily in commercial checking accounts. Commercial bank balances may from time to time exceed federal insurance limits.

#### **Property and Equipment**

Property and equipment are stated at cost and are depreciated over the estimated useful lives of the related assets, which range from three to five years. Leasehold improvements are amortized over the shorter of either the asset's useful life or the related lease term. Depreciation is computed on the straight-line method for financial reporting purposes. Property and equipment include fixed assets subject to capital leases which are depreciated over the life of the respective asset.

#### **Income Taxes**

We use the asset and liability method to determine our income tax expense or benefit. Deferred tax assets and liabilities are computed based on temporary differences between the financial reporting and tax bases of assets and liabilities and are measured using the enacted tax rates that are expected to be in effect when the differences are expected to be recovered or settled. Any resulting net deferred tax assets are evaluated for recoverability and, accordingly, a valuation allowance is provided when it is more likely than not that all or some portion of the deferred tax asset will not be realized.

#### **Stock-based Compensation**

Stock-based awards have been accounted for as required by ASC Topic 718 "*Compensation – Stock Compensation*" ("ASC Topic 718"). Under ASC Topic 718 stock-based awards are valued at fair value on the date of grant, and that fair value is recognized over the requisite service period. The Company values its stock option awards using the Black-Scholes option valuation model.

#### **Research and Development**

Research and development expenses include internal and external costs related to the development of new service offerings and features and enhancements to our existing services.

#### **Recent Accounting Pronouncements**

In May 2014, the Financial Accounting Standards Board ("FASB") issued Accounting Standards Update ASU 2014-09, "*Revenue from Contracts with Customers*" (Subtopic 606), which supersedes most existing revenue recognition guidance under U.S. GAAP. The core principle of ASU 2014-09 is to recognize revenues when promised goods or services are transferred to customers in an amount that reflects the consideration to which an entity expects to be entitled for those goods or services. ASU 2014-09 defines a five step process to achieve this core principle and, in doing so, more judgment and estimates may be required within the revenue recognition process than are required under existing U.S. GAAP. The standard is effective for annual periods beginning after December 15, 2017, and interim periods therein, using either of the following transition methods: (i) a full retrospective approach reflecting the application of the standard in each prior reporting period with the option to elect certain practical expedients, or (ii) a retrospective approach with the cumulative effect of initially adopting ASU 2014-09 recognized at the date of adoption (which includes additional footnote disclosures). We continue to evaluate the impact of the pending adoption of ASU 2014-09 on our consolidated financial statements and believe that the

Company will use the retrospective approach with the cumulative effect of initially adopting ASU 2014-09 recognized at the date of adoption. The Company has commenced analysis of our revenue streams and the application of the standard. Management does not expect the adoption of ASU 2014-09 to have a material impact on our financial statements and disclosures.

In November 2015, the FASB issued ASU 2015-17, "*Income Taxes*" (Subtopic 740). The amendments in this update require deferred tax liabilities and assets be classified as non-current regardless of the classification of the underlying assets and liabilities. For public companies, the amendments will be effective for financial statements issued for annual periods beginning after December 15, 2016. Earlier application is permitted. Management does not expect the adoption of ASU 2015-17 to have a material impact on our financial statements and disclosures.

In February 2016, the FASB created Topic 842 and issued ASU 2016-02, "*Leases*". The guidance in this update supersedes Topic 840, "*Leases*". This ASU requires lessees to recognize a right-of-use assets and a lease liability, initially measured at the present value of the lease payments on the balance sheet. For public companies, the amendments will be effective for fiscal years beginning after December 15, 2018, including interim periods within those fiscal years. Earlier application is permitted. Management is currently evaluating the impact of the adoption of ASU 2016-02 on our financial statements and disclosures.

In March 2016, the FASB issued ASU 2016-09, "*Compensation - Stock Compensation*" (Subtopic 718). The guidance in this update includes amendments that require excess tax benefits or deficiencies resulting from share-based payments be recognized in the income statement as a component of the provision for income taxes, whereas previously these were recognized within additional paid-in capital. Further, the new guidance provides an accounting policy election to account for forfeitures as they occur. The new standard also amends the presentation of employee share-based payment related items in the statement of cash flows by requiring that: (i) excess tax benefits be classified as cash inflows provided by operating activities, and (ii) cash paid to taxing authorities arising from the withholding of shares from employees be classified as cash outflows used in financing activities. For public companies, the amendments will be effective for financial statements issued for annual periods beginning after December 15, 2016, and interim periods within those annual periods. Earlier application is permitted for any interim or annual period. Management does not expect the adoption of ASU 2016-09 to have a material impact on our financial statements and disclosures.

In August 2016, the FASB issued ASU 2016-09, "*Statement of Cash Flows-Classification of Certain Cash Receipts and Cash Payments*" (Subtopic 230). This guidance clarifies how entities should classify certain cash receipts and cash payments on the statement of cash flows. The amendment addresses eight specific cash flow issues with the objective of reducing the existing diversity in practice. These updates are effective for annual reporting periods beginning after December 15, 2017, and interim periods within those annual periods, with early adoption permitted. The guidance should be applied retrospectively unless it is impractical to do so; in which case, the guidance should be applied prospectively as of the earliest date practicable. Management is currently evaluating the impact of the adoption of ASU 2016-09 on our financial statements and disclosures.

In November 2016, the FASB issued ASU 2016-18, "*Statement of Cash Flows-Restricted Cash*" (Subtopic 230). These amendments require 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. As a result, amounts generally described as restricted cash and restricted cash equivalents should be included with cash and cash equivalents when reconciling the beginning of period and end of period total amounts shown on the statement of cash flows. The amendments do not provide definition of restricted cash or restricted cash equivalents. Effective date for public business entities for fiscal years beginning after December 15, 2017, and interim periods within those fiscal years. Early adoption is permitted. Management does not expect the adoption of ASU 2016-18 to have any impact on our financial statements and disclosures, as restricted cash is currently included in the change of cash on the statement of cash flows.

In January 2017, the FASB issued ASU 2017-04, "*Intangibles - Goodwill and Other: Simplifying the Test for Goodwill Impairment*" (Subtopic 350). This guidance simplifies the accounting for goodwill impairment by removal of Step 2 of the goodwill impairment test. A goodwill impairment will now be the amount by which a reporting unit's carrying value exceeds its fair value, not to exceed the carrying amount of goodwill. For public companies, the standard will be effective for calendar year-end December 15, 2020. Earlier adoption is permitted for any impairment test performed after January 1, 2017. Management is currently evaluating the impact of the adoption of ASU 2017-04 on our financial statements and disclosures.

## **Note 2 - Liquidity and Going Concern**

As of December 31, 2016, we had \$1,140,000 of cash and a working capital deficit of \$8,589,000. Our cash balance as of December 31, 2016 includes restricted cash of \$18,000 (as discussed in Note 4 to our consolidated financial statements). For the years ended December 31, 2016 and 2015, we generated net losses of \$3,533,000 and \$2,143,000, respectively, and net cash provided by operating activities of \$183,000 and \$1,237,000, respectively. We generated cash flow from operations even though we incurred net losses as our net losses include certain non-cash expenses that are added back to our cash flow from operations (as shown on our consolidated statements of cash flows). A substantial portion of our cash flow from operations is dedicated to the payment of interest on our indebtedness, thereby reducing our ability to use our cash flow to fund our operations, capital expenditures and investments in sales and marketing. During the years ended December 31, 2016 and 2015, our cash flow from operations was reduced by \$1,116,000 and \$1,199,000, respectively, for interest payments on our indebtedness.

The Company is party to a loan agreement with Main Street Capital Corporation ("Main Street"), as lender and as administrative agent and collateral agent for itself and the other lenders from time to time party thereto (the "Main Street Loan Agreement"). The Main Street Loan Agreement provides for an \$11,000,000 senior secured term loan facility as of December 31, 2016 (the "Main Street Term Loan"), and provided for a \$2,000,000 senior secured revolving loan facility (the "Main Street Revolver"). On October 17, 2016, the \$2,000,000 Main Street Revolver matured and therefore the Company no longer has access to this revolving loan facility. As of December 31, 2016, the Company had outstanding borrowings of \$9,000,000 under the Main Street Term Loan. While an event of default exists under the Main Street Loan Agreement (see below), we are not able to access the \$2,000,000 of remaining availability under the Main Street Term Loan. Borrowings under the Main Street Term Loan mature on October 17, 2018 unless sooner terminated as provided in the Main Street Loan Agreement. The Main Street Loan Agreement provides that the Main Street Term Loan borrowings bear interest at 12% per annum. Interest payments on the outstanding borrowings under the Main Street Term Loan are due monthly. The Company is required to make quarterly principal payments on the Main Street Term Loan through the maturity date in an amount equal to 50% of Excess Cash Flow generated by the Company during the trailing fiscal quarter (Excess Cash Flow is defined in the Main Street Loan Agreement and is effectively equal to cash flow from operations less capital expenditures less principal payments on capital leases). In the event there were outstanding borrowings on the Main Street Revolver, any quarterly principal payments were first applied to the Main Street Revolver and then to the Main Street Term Loan. During the year ended December 31, 2016, the Company made \$400,000 of principal payments on the Main Street Revolver of which \$244,000 related to required payments based on Excess Cash Flow for the first quarter of 2016. As of December 31, 2016, Main Street owns 7,711,517 shares, or 21%, of the Company's common stock.

The Main Street Loan Agreement contains certain financial covenants that are measured on a quarterly basis. The Company breached its debt to Adjusted EBITDA ratio covenant as of June 30, 2016, September 30, 2016 and December 31, 2016 and breached the fixed charge coverage ratio covenant as of September 30, 2016 and December 31, 2016, each of which constitutes an event of default under the Main Street Loan Agreement. Main Street has not provided a waiver of any of the existing defaults, and thus Main Street may seek a variety of remedies under the loan documents including, without limitation, acceleration of the indebtedness owing under the Main Street Loan Agreement. Based on the Company's current financial projections, we believe that it is likely that the Company will breach both of the financial covenants in the Main Street Loan Agreement throughout 2017 and 2018. Accordingly we are exploring various alternatives to renegotiate our financial covenants and address our liquidity issues, including, without limitation, a potential restructuring of the Main Street and SRS indebtedness (see below), which may involve a conversion of a portion or all of our debt to equity or a debt refinancing, coupled with a capital raise.

As of December 31, 2016, the Company had outstanding borrowings of \$1,785,000 on a promissory note (the "SRS Note") to Shareholder Representative Services LLC ("SRS") the Company issued in connection with the 2012 acquisition of Affinity Videonet, Inc. ("Affinity") and amended in February 2015 (see Note 7 for further discussion). The maturity date of the SRS Note is July 6, 2017 and the interest rate on the SRS Note is 15% per annum. Payment of all interest earned after March 1, 2015 is due on July 6, 2017, unless certain trailing Adjusted EBITDA targets are met as defined in the SRS Note. The SRS Note is subordinate to borrowings under the Main Street Loan Agreement, and is only permitted to be repaid if permitted by the terms of the Main Street Loan Agreement. In addition, under the terms of the Subordination Agreement among the Company, SRS and Main Street, repayment of the principal and accrued interest on the SRS Note is permitted to occur only if the Company's cash balance is 200% greater than the balance of the SRS Note. Accrued interest on the SRS Note is expected to increase from \$565,000 as of December 31, 2016 to \$752,000 as of June 30, 2017.

Because the maturity date of the SRS Note (July 6, 2017) falls within twelve months following the filing of this Report, the Company believes that, based on our current projection of revenue, expenses, capital expenditures and cash flows, it will not have sufficient resources and cash flows to service its debt obligations, including repayment of the SRS Note, and fund its operations for at least the next twelve months following the filing of this Report. In addition, there can be no assurances that Main Street will not accelerate the indebtedness outstanding under the Main Street Loan Agreement. In the event that our lenders accelerate the repayment of such indebtedness, we would not have sufficient

resources and/or cash flow to repay the indebtedness. While we expect to continue to adjust our cost of revenue and other operating expenses to partially offset the impact of revenue declines associated with our legacy services, a restructuring of our Main Street and SRS debt or capital infusion is necessary to fund our obligations. We have renegotiated financial covenants and/or refinanced our indebtedness in the past but there is no assurance we will be able to successfully renegotiate or refinance all or any portion of our indebtedness in the future. If we were unable to repay or otherwise refinance the indebtedness under the loan agreements upon acceleration or when otherwise due, our lenders could foreclose on the collateral that secures our obligations under the loan agreements, which could force us into bankruptcy or liquidation. In the event we need access to capital to fund operations or provide growth capital, we would likely need to raise capital in one or more equity offerings. There can be no assurance that we will be successful in raising necessary capital or that any such offering will be on terms acceptable to the Company. If we are unable to raise additional capital that may be needed on terms acceptable to us, it could have a material adverse effect on the Company. The factors discussed above raise substantial doubt as to our ability to continue as a going concern. The accompanying consolidated financial statements do not include any adjustments that might result from these uncertainties.

**Note 3 - Goodwill**

Goodwill is not amortized but is subject to periodic testing for impairment in accordance with ASC Topic 350 “ *Intangibles - Goodwill and Other - Testing Indefinite-Lived Intangible Assets for Impairment* ” (“ASC Topic 350”). At September 30, 2016, the Company considered the declines in our revenue and cash flows, coupled with defaults of the Main Street Loan Agreement, to be a triggering event for an interim goodwill impairment test. The performance of the impairment test involves a two-step process. The first step involves comparing the fair value of the reporting unit to the carrying value, including goodwill. The Company operates as a single reporting unit. The Company used market-based approaches to determine the fair value of the reporting unit for the first step of the goodwill impairment test. These approaches used quoted market prices in active markets and multiples of next twelve months revenue for comparable companies. The carrying amount of our reporting unit exceeded its fair value; therefore, the second step of the goodwill impairment test was performed to calculate implied goodwill and to measure the amount of impairment loss. The Company allocated the fair value of the reporting unit to all of its assets and liabilities. Based upon this allocation, the Company determined that goodwill was valued at \$9,225,000 and recorded an impairment loss of \$600,000 during the year ended December 31, 2016. This charge is recognized as “Impairment Charges” on our Consolidated Statements of Operations. We will test goodwill for impairment on an annual basis on September 30 each year or more frequently if events occur or circumstances change indicating that the fair value of the goodwill may be below its carrying amount. The continued future decline of our revenue, cash flows and/or stock price may give rise to a triggering event that may require the Company to record additional impairment charges on goodwill in the future.

**Note 4 - Restricted Cash**

As of December 31, 2016, our cash balance of \$1,140,000 included restricted cash of \$18,000. As of December 31, 2015, our cash balance of \$1,764,000 included restricted cash of \$242,000. The restricted cash pertains to a letter of credit that serves as the security deposit for our lease of office space in Colorado (as discussed in Note 14), and is secured by an equal amount of cash pledged as collateral, and such cash is held in a restricted bank account.

**Note 5 - Property and Equipment**

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

	December 31,		Estimated Useful Life
	2016	2015	
Network equipment and software	\$ 10,588	\$ 10,767	3 to 5 Years
Computer equipment and software	3,059	3,190	3 to 4 Years
Leasehold improvements	87	87	(*)
Office furniture and equipment	269	309	5 to 10 Years
	14,003	14,353	
Accumulated depreciation and amortization	(11,800)	(11,367)	
Property and equipment, net	\$ 2,203	\$ 2,986	

(\*) – Amortized over the shorter period of the estimated useful life ( five years) or the lease term.

Related depreciation and amortization expense was \$1,090,000 and \$1,366,000 for the years ended December 31, 2016 and 2015, respectively.

For the years ended December 31, 2016 and 2015, the Company recorded asset impairment charges of \$76,000 and \$138,000, of which \$64,000 and \$7,000 pertained to capitalized software, respectively. The remaining impairments primarily consisted of furniture, network equipment, and leasehold improvements no longer being utilized in the Company's business. These charges are recognized as "Impairment Charges" on our consolidated statements of operations.

#### Note 6 - Intangible Assets

Intangible assets consisted of the following (in thousands):

	December 31,		Estimated Useful Life
	2016	2015	
Customer relationships	\$ 4,335	\$ 4,335	5 Years
Affiliate network	994	994	12 Years
Trademarks	548	548	8 Years
	5,877	5,877	
Accumulated amortization	(4,568)	(3,699)	
Intangible assets, net	\$ 1,309	\$ 2,178	

The Company identified a triggering event that required it to perform its evaluation of intangible assets as of September 30, 2016 and determined that the fair value of the long-lived assets exceeds the carrying value, therefore no impairment charges were required for the year ended December 31, 2016.

Intangible assets with finite lives are amortized using the straight-line method over the estimated economic lives of the assets, which range from five years to twelve years in accordance with ASC Topic 350. Accumulated amortization as of December 31, 2016 consisted of \$3,779,000 for customer relationships, \$459,000 for affiliate network and \$330,000 for trademarks. Related amortization expense was \$869,000 and \$869,000 for the years ended December 31, 2016 and 2015, respectively. Amortization expense for each of the next five succeeding years will be as follows (in thousands):

2017	\$ 683
2018	127
2019	127
2020	113
2021	69
Thereafter	190
Total	\$ 1,309

#### Note 7 - Debt

Debt consisted of the following (in thousands):

	December 31,	
	2016	2015
Main Street Term Loan, net of unamortized debt discount based on imputed interest rate of 12%; \$123 at December 31, 2016 and \$192 at December 31, 2015.	\$ 8,877	\$ 8,808
SRS Note, net of unamortized debt discount based on imputed interest rate of 15%; \$2 at December 31, 2016 and \$5 at December 31, 2015.	1,783	1,780
Main Street Revolver	—	400
Total	10,660	10,988
Less current maturities	(10,660)	(400)
Long-term debt, net of current portion	\$ —	\$ 10,588

The Main Street Loan Agreement provides for an \$11,000,000 senior secured term loan facility ("Main Street Term Loan"), and provided for a \$2,000,000 senior secured revolving loan facility (the "Main Street Revolver"). On October 17,

2016, the \$2,000,000 Main Street Revolver matured and therefore the Company no longer has access to this revolving loan facility. As of December 31, 2016, the Company had outstanding borrowings of \$9,000,000 under the Main Street Term Loan. While an event of default exists under the Main Street Loan Agreement (see below), we are not able to access the \$2,000,000 of remaining availability under the Main Street Term Loan. Borrowings under the Main Street Term Loan mature on October 17, 2018 unless sooner terminated as provided in the Main Street Loan Agreement. The Main Street Loan Agreement provides that the Main Street Term Loan borrowings bear interest at 12% per annum. Interest payments on the outstanding borrowings under the Main Street Term Loan are due monthly. The Company is required to make quarterly principal payments on the Main Street Term Loan through the maturity date in an amount equal to 50% of Excess Cash Flow generated by the Company during the trailing fiscal quarter (Excess Cash Flow is defined in the Main Street Loan Agreement and is effectively equal to cash flow from operations less capital expenditures less principal payments on capital leases). In the event there were outstanding borrowings on the Main Street Revolver, any quarterly principal payments were first applied to the Main Street Revolver and then to the Main Street Term Loan.

During 2016 and 2015, the Company made no principal payments the Main Street Term Loan. During 2016, the Company received no advances on the Main Street Revolver and made principal payments of \$400,000, of which \$244,000 related to required payments based on Excess Cash Flow for the first quarter of 2016. During 2015, the Company received advances of \$613,000 and made principal payments in the same amount on the Main Street Revolver.

The Company may prepay borrowings under the Main Street Loan Agreement at any time without premium or penalty, subject to certain notice and minimum prepayment requirements. The obligations of the Company under the Main Street Loan Agreement are secured by substantially all of the assets of the Company, including all intellectual property, equity interests in subsidiaries, equipment and other personal property. The Main Street Loan Agreement contains standard representations, warranties and covenants for a transaction of its nature, including, among other things, covenants relating to (i) financial reporting and notification, (ii) payment of obligations, (iii) compliance with applicable laws and (iv) notification of certain events and covenants and restrictive provisions which may, among other things, limit the Company's ability to sell assets, incur additional indebtedness, make investments or loans and create liens. The Main Street Loan Agreement contains events of default customary for similar financings with corresponding grace periods, including failure to pay any principal or interest when due, failure to perform or observe covenants, breaches of representations and warranties, certain cross defaults, certain bankruptcy related events, monetary judgments defaults and a change in control.

The Main Street Loan Agreement contains financial covenants that are measured on a quarterly basis, including a fixed charge coverage ratio covenant and a debt to Adjusted EBITDA ("AEBITDA") ratio covenant as defined in the Main Street Loan Agreement. The Company breached its debt to AEBITDA ratio covenant as of June 30, 2016, September 30, 2016 and December 31, 2016 and breached the fixed charge coverage ratio covenant as of September 30, 2016 and December 31, 2016, each of which constitutes an event of default under the Main Street Loan Agreement. Main Street has not provided a waiver of any of the existing defaults, and thus Main Street may seek a variety of remedies under the loan documents including, without limitation, acceleration of the indebtedness owing under the Main Street Loan Agreement. Based on the Company's current financial projections, we believe that it is likely that the Company will breach both of the financial covenants in the Main Street Loan Agreement throughout 2017 and 2018. Accordingly, we are exploring various alternatives to renegotiate our financial covenants and address our liquidity issues, including, without limitation, a potential restructuring of the Main Street and SRS indebtedness, which may involve a conversion of a portion or all of our debt to equity or a debt refinancing, coupled with a capital raise. Although the maturity date of the Main Street Term Loan is October 17, 2018, the Company has classified this debt as current as of December 31, 2016 given the existing defaults and potential acceleration of such indebtedness.

As of December 31, 2016, the Company had outstanding borrowings of \$1,785,000 on a promissory note (the "SRS Note") to Shareholder Representative Services LLC ("SRS") the Company issued in connection with the 2012 acquisition of Affinity Videonet, Inc. ("Affinity"). The maturity date of the SRS Note is July 6, 2017. Effective March 1, 2015, the interest rate on the SRS Note is 15% per annum. Payment of all interest earned after March 1, 2015 is due on July 6, 2017, unless certain trailing AEBITDA targets are met as defined in the amended SRS Note. The SRS Note is subordinate to borrowings under the Main Street Loan Agreement, and is only permitted to be repaid if permitted by the terms of the Main Street Loan Agreement. In addition, under the terms of the Subordination Agreement among the Company, SRS and Main Street, repayment of the principal and accrued interest on the SRS Note is permitted to occur only if the Company's cash balance is 200% greater than the balance of the SRS Note. The Company is required to make monthly principal payments in the amount of \$50,000 in the event the Company's trailing three month AEBITDA exceeds \$1,500,000. The Company is required to make additional payments on the principal amount over the remaining term of the SRS Note in an amount equal to 40% of the sum of the Company's trailing six month AEBITDA less \$3,000,000. During the years ended December 31, 2016 and 2015, the Company was not required to make any principal payments on the SRS Note. Accrued interest on the SRS Note is expected to increase from \$565,000 as of December 31, 2016 to \$752,000 as of June 30, 2017.

Future maturities of debt are estimated as follows (in thousands):

	Main Street Term	SRS Note	Total
	Loan		
2017	\$ —	\$ 1,785	\$ 1,785
2018	9,000	—	9,000
	<u>\$ 9,000</u>	<u>\$ 1,785</u>	<u>\$ 10,785</u>

Deferred financing costs related to our debt agreements of \$125,000 and \$197,000 are included as a direct reduction of the carrying amount of our debt as of December 31, 2016 and 2015, respectively. The financing costs are amortized to interest expense using the effective interest method over the term of each loan through each maturity date. Amortization of deferred financing costs for the years ended December 31, 2016, and 2015, was \$72,000 and \$87,000, respectively, which is recorded in "Interest and Other Expense, Net" on our Consolidated Statements of Operations.

**Note 8 - Prepaid Expenses and Other Current Assets**

Prepaid expenses and other current assets consisted of the following (in thousands):

	December 31,	
	2016	2015
Prepaid insurance	\$ 321	\$ 145
Prepaid software licenses	214	96
Prepaid network costs	162	—
Other prepaid expenses	125	159
Prepaid maintenance contracts	84	117
Prepaid taxes	72	—
Due from vendors	—	36
Prepaid expenses and other current assets	<u>\$ 978</u>	<u>\$ 553</u>

**Note 9 - Accrued Sales Taxes and Regulatory Fees**

Included in accrued sales taxes and regulatory fees are (i) certain estimated sales and use taxes and regulatory fees and (ii) sales taxes and regulatory fees collected from customers that are to be remitted to taxing authorities. Actual payments may vary from our estimates. Accrued sales taxes and regulatory fees as of December 31, 2016 and 2015 were \$395,000 and \$441,000, respectively.

**Note 10 - Accrued Expenses and Other Liabilities**

Accrued expenses and other liabilities consisted of the following (in thousands):

	December 31,	
	2016	2015
Accrued interest expense	\$ 658	\$ 332
Accrued compensation costs	133	252
Accrued communication costs	111	180
Customer deposits	93	179
Deferred rent expense	71	89
Accrued professional fees	68	133
Deferred revenue	25	105
Other accrued expenses	6	222
Accrued expenses and other liabilities	<u>\$ 1,165</u>	<u>\$ 1,492</u>

**Note 11 - Preferred Stock**

Our Certificate of Incorporation authorizes the issuance of up to 5,000,000 shares of preferred stock. As of December 31, 2016, there were: 100 shares of Series B-1 Preferred Stock authorized, and no shares issued or outstanding; 7,500 shares of Series A-2 Preferred Stock authorized and 32 shares issued and outstanding; and 4,000 shares of Series D Preferred Stock authorized and no shares issued or outstanding.

Each share of Series A-2 Preferred Stock has a stated value of \$7,500 per share (the "A-2 Stated Value"), a liquidation preference equal to the Series A-2 Stated Value, and is convertible at the holder's election into common stock at a conversion price per share of \$2.9835 as of December 31, 2016. Therefore, each share of Series A-2 Preferred Stock is convertible into 2,514 shares of common stock as of December 31, 2016. The conversion price is subject to adjustment upon the occurrence of certain events set forth in our Certificate of Incorporation. During the year ended December 31, 2016, there were no adjustments to the conversion price. During the year ended December 31, 2015, a holder of Series A-2 Preferred Stock elected to convert 21 shares and \$22,000 of accrued dividends into 60,497 shares of common stock.

The Series A-2 Preferred Stock is subordinate to the Series B-1 Preferred Stock but senior to all other classes of equity, has weighted average anti-dilution protection and, effective January 1, 2013, entitled to cumulative dividends at a rate of 5% per annum, payable quarterly, based on the Series A-2 Stated Value. Once dividend payments commence, all dividends are payable at the option of the holder in cash or through the issuance of a number of additional shares of Series A-2 Preferred Stock with an aggregate liquidation preference equal to the dividend amount payable on the applicable dividend payment date. As of December 31, 2016 and 2015, the Company has recorded \$47,000 and \$36,000, respectively, in accrued dividends on the accompanying Consolidated Balance Sheets related to the Series A-2 Preferred Stock.

In accordance with ASC Topic 815, we evaluated whether our convertible preferred stock contains provisions that protect holders from declines in our stock price or otherwise could result in modification of the exercise price and/or shares to be issued under the respective preferred stock agreements based on a variable that is not an input to the fair value of a "fixed-for-fixed" option and require a derivative liability. The Company determined no derivative liability is required under ASC Topic 815 with respect to our convertible preferred stock. A contingent beneficial conversion amount is required to be calculated and recognized when and if the adjusted \$2.9835 conversion price of the convertible preferred stock is adjusted to reflect a down round stock issuance that reduces the conversion price below the \$1.16 fair value of the common stock on the issuance date of the convertible preferred stock.

## **Note 12 - Stock Based Compensation**

### **Glowpoint 2014 Stock Incentive Plan**

On May 28, 2014, the Glowpoint, Inc. 2014 Equity Incentive Plan (the "2014 Plan") was approved by the Company's stockholders at the Company's 2014 Annual Meeting of Stockholders. The purpose of the 2014 Plan is to promote the success of the Company and to increase stockholder value by providing an additional means to attract, motivate, retain and reward selected employees and other eligible persons through the grant of equity awards. Awards may be granted under the 2014 Plan to officers, employees, directors and consultants of the Company or its subsidiaries. The 2014 Plan permits the grant of stock options, stock appreciation rights, restricted shares, restricted stock units, cash awards and other awards, including stock bonuses, performance stock, performance units, dividend equivalents, or similar rights to purchase or acquire shares, whether at a fixed or variable price or ratio related to the Company's common stock, upon the passage of time, the occurrence of one or more events, or the satisfaction of performance criteria or other conditions, or any combination thereof, or any similar securities with a value derived from the value of or related to the Company's common stock and/or returns thereon. A total of 4,400,000 shares of the Company's common stock were initially available for issuance under the 2014 Plan. During the years ended December 31, 2016 and 2015, 2,431,000 and 2,969,000 awards, respectively, were granted under the 2014 Plan. As of December 31, 2016, 648,000 shares are available for issuance under the 2014 Plan.

### **Glowpoint 2007 Stock Incentive Plan**

In May 2014, the Board terminated the Company's 2007 Stock Incentive Plan (the "2007 Plan"). Notwithstanding the termination of the 2007 Plan, outstanding awards under the 2007 Plan will remain in effect accordance with their terms. As of December 31, 2016, options to purchase a total of 1,209,000 shares of common stock and 193,000 shares of restricted stock were outstanding under the 2007 Plan.

### **Glowpoint 2000 Stock Incentive Plan**

In June 2010, the Board terminated the Glowpoint 2000 Stock Incentive Plan (as amended, the "2000 Plan"). Notwithstanding the termination of the 2000 Plan, outstanding awards under the 2000 Plan will remain in effect accordance with their terms. As of December 31, 2016, options to purchase a total of 13,000 shares of common stock were outstanding.

## Stock Options

For the years ended December 31, 2016 and 2015, no stock options were granted or exercised; therefore, no fair value assumptions are presented herein for the years ended December 31, 2016 and 2015. A summary of stock options granted, exercised, expired and forfeited under our plans and options outstanding as of, and changes made during, the years ended December 31, 2016 and 2015 (options in thousands):

	Outstanding		Exercisable	
	Number of Options	Weighted Average Exercise Price	Number of Options	Weighted Average Exercise Price
Options outstanding, December 31, 2014	1,350	\$ 2.02	729	\$ 2.05
Granted	—	—		
Exercised	—	—		
Expired	(70)	2.11		
Forfeited	(11)	5.43		
Options outstanding, December 31, 2015	1,269	\$ 1.98	960	\$ 1.99
Granted	—	—		
Exercised	—	—		
Expired	(15)	1.52		
Forfeited	(32)	1.83		
Options outstanding, December 31, 2016	1,222	\$ 1.99	1,198	\$ 1.99

Additional information as of December 31, 2016 is as follows (options in thousands):

Range of price	Outstanding			Exercisable	
	Number of Options	Weighted Average Remaining Contractual Life (In Years)	Weighted Average Exercise Price	Number of Options	Weighted Average Exercise Price
\$0.90 – \$1.44	58	5.79	\$ 0.94	58	\$ 0.94
\$1.45 – \$1.96	113	5.79	1.55	107	1.55
\$1.97 – \$2.04	881	6.01	1.98	863	1.98
\$2.05 – \$2.60	69	4.20	2.25	69	2.25
\$2.61 – \$3.02	101	5.16	3.02	101	3.02
	1,222	5.81	\$ 1.99	1,198	\$ 1.99

A summary of unvested options as of, and changes during the years ended December 31, 2016 and 2015, is presented below (options in thousands):

	Options	Weighted Average Grant Date Fair Value
Unvested options outstanding, December 31, 2014	621	\$ 1.51
Granted	—	—
Vested	(302)	1.51
Forfeited	(10)	2.04
Unvested options outstanding, December 31, 2015	309	\$ 1.49
Granted	—	—
Vested	(285)	1.50
Forfeited	—	—
Unvested options outstanding, December 31, 2016	24	\$ 1.41

Stock-based compensation expense relating to stock option awards is allocated as follows (in thousands):

	Year Ended December 31,	
	2016	2015
General and administrative	\$ 361	\$ 386
	\$ 361	\$ 386

The intrinsic value of vested options, unvested options and exercised options were not significant for all periods presented. The remaining unrecognized stock-based compensation expense for options at December 31, 2016 was \$18,000, and will be amortized over a weighted average period of approximately 3 months.

### Restricted Stock Awards

A summary of restricted stock granted, vested, forfeited and unvested outstanding as of, and changes made during, the years ended December 31, 2016 and 2015, is presented below (shares in thousands):

	Restricted Shares	Weighted Average Grant Price
Unvested restricted shares outstanding, December 31, 2014	641	\$ 1.61
Granted	0	—
Vested	(241)	1.62
Forfeited	(139)	1.66
Unvested restricted shares outstanding, December 31, 2015	261	\$ 1.58
Granted	170	0.55
Vested	(68)	1.67
Forfeited	—	—
Unvested restricted shares outstanding, December 31, 2016	363	\$ 1.08

The number of restricted stock awards vested during the year ended December 31, 2016 includes 25,000 shares withheld and repurchased by the Company on behalf of employees to satisfy \$13,000 of tax obligations relating to the vesting of such shares. Such shares are held in the Company's treasury stock as of December 31, 2016.

Stock-based compensation expense relating to restricted stock awards is allocated as follows (in thousands):

	Year Ended December 31,	
	2016	2015
Cost of revenue	\$ 7	\$ (17)
Research and development	5	(1)
Sales and marketing	—	(40)
General and administrative	149	80
	<u>\$ 161</u>	<u>\$ 22</u>

During the year ended December 31, 2016, the Company recorded \$93,000 in stock-based compensation expense related to 170,000 shares of restricted stock awards issued during 2016 in lieu of payment of \$84,000 in cash bonuses earned in 2014.

During the year ended December 31, 2015, the Company recorded a reversal of \$110,000 in stock-based compensation expense, of which \$48,000 related to expense for unvested awards that were forfeited and \$62,000 related to revised estimates for expense previously recorded on performance-based awards.

Certain restricted stock awards have performance-based vesting provisions and are subject to forfeiture, in whole or in part, if these performance conditions are not achieved. Management assesses, on an ongoing basis, the probability of whether the performance criteria will be achieved and, once it is deemed probable, stock-based compensation expense is recognized over the relevant performance period. For those awards not subject to performance criteria, the cost of the restricted stock awards is expensed, which is determined to be the fair market value of the shares at the date of grant, on a straight-line basis over the vesting period.

The remaining unrecognized stock-based compensation expense for restricted stock awards at December 31, 2016 was \$233,000. Of this amount, \$78,000 relates to time-based awards with a remaining weighted average period of 6 months. The remaining \$155,000 of unrecognized stock-based compensation expense relates to performance-based awards for which expense will be recognized upon the Company achieving defined AEBITDA targets.

### Restricted Stock Units

A summary of restricted stock units granted, vested, forfeited and unvested outstanding as of, and changes made during, the years ended December 31, 2016 and 2015, is presented below (shares in thousands):

	Restricted Stock Units	Weighted Average Grant Price
Unvested restricted stock units outstanding, December 31, 2014	—	\$ —
Granted	2,969	1.02
Vested	—	—
Forfeited	(805)	1.04
Unvested restricted stock units outstanding, December 31, 2015	2,164	1.02
Granted	2,261	0.43
Vested	(387)	0.92
Forfeited	(842)	1.00
Unvested restricted stock units outstanding, December 31, 2016	<u>3,196</u>	<u>\$ 0.62</u>

As of December 31, 2016, 387,000 vested restricted stock units remain outstanding as shares of common stock have not yet been delivered for these units in accordance with the terms of the restricted stock units.

Stock-based compensation expense relating to restricted stock units is allocated as follows (in thousands):

	Year Ended December 31,	
	2016	2015
Cost of revenue	\$ 35	\$ 11
Research and development	39	13
Sales and marketing	8	6
General and administrative	325	375
	<u>\$ 407</u>	<u>\$ 405</u>

Certain restricted stock unit awards have performance-based vesting provisions and are subject to forfeiture, in whole or in part, if these performance conditions are not achieved. Management assesses, on an ongoing basis, the probability of whether the performance criteria will be achieved and, once it is deemed probable, stock-based compensation expense is recognized over the relevant performance period. For those awards not subject to performance criteria, the cost of the restricted stock unit awards is expensed, which is determined to be the fair market value of the shares at the date of grant, on a straight-line basis over the vesting period.

The remaining unrecognized stock-based compensation expense for restricted stock units at December 31, 2016 was \$1,526,000. Of this amount, \$445,000 relates to time-based awards with remaining weighted average period of 8 months. The remaining \$1,081,000 of unrecognized stock based compensation expense relates to performance-based awards for which expense will be recognized upon the Company achieving defined revenue and AEBITDA targets over fiscal years 2017 through 2019.

There was no tax benefit recognized for stock-based compensation expense for the years ended December 31, 2016 and 2015. No compensation costs were capitalized as part of the cost of an asset during the periods presented.

### Note 13 - Loss Per Share

Basic net loss per share is computed by dividing net loss attributable to common stockholders by the weighted-average number of shares of common stock outstanding during the period. The weighted-average number of shares of common stock outstanding does not include any potentially dilutive securities or any unvested restricted shares of common stock. These unvested restricted shares, although classified as issued and outstanding at December 31, 2016 and 2015, are considered contingently returnable until the restrictions lapse and will not be included in the basic net loss per share calculation until the shares are vested. Unvested shares of our restricted stock do not contain non-forfeitable rights to dividends and dividend equivalents. Unvested restricted stock units are not included in calculations of basic net loss per share, as they are not considered issued and outstanding at time of grant.

Diluted net loss per share is computed by giving effect to all potential shares of common stock, including stock options, preferred stock, restricted stock units, and unvested restricted stock awards, to the extent they are dilutive. For the years ended December 31, 2016 and 2015, all such common stock equivalents have been excluded from diluted net loss per share as the effect to net loss per share would be anti-dilutive (decrease our net loss per share).

The following table sets forth the computation of the Company's basic and diluted net loss per share (in thousands, except per share data):

	Year Ended December 31,	
	2016	2015
Numerator:		
Net loss	\$ (3,533)	\$ (2,143)
Less: preferred stock dividends	12	18
Net loss attributable to common stockholders	<u>\$ (3,545)</u>	<u>\$ (2,161)</u>
Denominator:		
Weighted-average number of shares of common stock for basic and diluted net loss per share	35,611	35,442
Basic and diluted net loss per share	<u>\$ (0.10)</u>	<u>\$ (0.06)</u>

The following table represents the potential shares that were excluded from the computation of weighted-average number of shares of common stock in computing the diluted net loss per share for the periods presented because including them would have had an anti-dilutive effect (in thousands):

	Year Ended	
	December 31,	
	2016	2015
Unvested restricted stock units	3,196	2,164
Vested restricted stock units	387	—
Stock options outstanding	1,222	1,269
Unvested restricted stock awards	363	261
Shares of common stock issuable upon conversion of Series A-2 preferred stock	79	79

#### Note 14 - Commitments and Contingencies

##### Operating Leases

We lease two facilities in Denver, CO and Oxnard, CA that are under operating leases through December 2018 and March 2020, respectively. Both of these leases require us to pay increases in real estate taxes, operating costs and repairs over certain base year amounts. Lease payments for the years ended December 31, 2016 and 2015 were \$287,000 and \$342,000, respectively.

Future minimum rental commitments under all non-cancelable operating leases are as follows (in thousands):

Year Ending December 31,		
2017		\$ 301
2018		308
2019		88
2020		23
		<u>\$ 720</u>

##### Commercial Commitments

We have entered into a number of agreements with our suppliers to purchase communications and consulting services. Some of the agreements require a minimum amount of services to be purchased over the life of the agreement, or during a specified period of time. Glowpoint believes that it will meet its commercial commitments. With the exception of the UTC matter discussed below, in prior instances where Glowpoint did not meet the minimum commitments, no penalties for minimum commitments have been assessed and the Company has entered into new agreements. It has been our experience that the prices and terms of successor agreements are similar to those offered by other suppliers. Glowpoint does not believe that any loss contingency related to a potential shortfall should be recorded in the consolidated financial statements because it is not probable, from the information available and from prior experience, that Glowpoint has incurred a liability.

##### Contingencies

On July 23, 2015, UTC Associates Inc. ("UTC") filed suit in the United States District Court for the Southern District of New York against the Company (the "UTC Litigation"). The UTC Litigation involved allegations that Glowpoint failed to pay amounts allegedly due under a Technology Development & Operations Outsourcing arrangement dated June 30, 2010 (the "Proposal"). UTC sought monetary damages totaling \$2,107,000, including \$1,107,000 for damages arising from the breach of an alleged guaranteed minimum provision, and \$1,000,000 for damages arising from the breach of an alleged exclusivity provision. On September 22, 2015, the Company filed a motion to dismiss the complaint. On October 13, 2015, in response to the Company's motion, UTC filed an amended complaint. On November 2, 2015, the Company filed a motion to dismiss the amended complaint. On February 1, 2016, the Court partially granted and partially denied the dismissal motion. The Court dismissed with prejudice the fraud claim and declined to dismiss the two breach of contract claims. On April 1, 2016, the Company filed its answer to UTC's Complaint and asserted counterclaims against UTC, including for breach of contract, fraud in the inducement, fraud in the execution and fraud, pursuant to which the Company was seeking a judgment awarding monetary damages against UTC in an amount to be determined at trial, voiding the Proposal ab initio.

and awarding the Company its costs and disbursements, including attorneys' fees, incurred in defending the action. On April 25, 2016, UTC filed an answer to the Company's counterclaims, denying such counterclaims and asserting purported defenses to them.

On September 30, 2016, the Company entered into a settlement agreement with UTC related to claims that have been or could have been asserted against one another, including but not limited to claims in the UTC Litigation. Pursuant to the settlement agreement, (i) the Company paid \$325,000 to UTC on September 30, 2016; (ii) the Company and UTC entered into a new services agreement pursuant to which the Company will purchase services from UTC subject to certain terms and conditions set forth therein; and (iii) the Company issued 600,000 shares of the Company's common stock to UTC in October 2016. The value of the common stock, or \$204,000 (equal to 600,000 shares multiplied by the closing price of the Company's stock of \$0.34 per share on the issuance date), was recorded as stock-based expense in general and administrative expenses for the year ended December 31, 2016. The \$325,000 cash payment was also recorded in general and administrative expenses for the year ended December 31, 2016. Upon payment and delivery of the foregoing, both the Company and UTC dismissed their respective claims in the UTC Litigation, and each party has released the other party of all potential claims against the other party, including those that were or could have been asserted in the UTC Litigation.

**Letter of Credit**

As of December 31, 2016, the Company had an outstanding irrevocable standby letter of credit with Wells Fargo Bank for \$18,000 to serve as our security deposit for our lease of office space in Colorado (see Note 4).

**Note 15 - Major Customers**

Major customers are defined as direct customers or channel partners that account for more than 10% of the Company's revenues. For the year ended December 31, 2016, two major customers accounted for 16% and 12% of our total revenue, and accounted for 44% and 12% of our outstanding accounts receivable as of December 31, 2016, respectively. For the year ended December 31, 2015, two major customers accounted for 12% and 10% of our total revenue, respectively. In January 2017, our largest customer filed a voluntary petition for protection under Chapter 11 of the United States Bankruptcy Code. As of the bankruptcy filing date, we had amounts due from this customer of approximately \$588,000, of which \$474,000 has since been collected. Since the bankruptcy filing date, we have continued to perform services for this customer, with payments expected to be received in accordance with our normal terms. While we believe the amounts due to us from this customer will be collected in full, we will continue to monitor the bankruptcy proceedings in order to appropriately assess and enforce our rights in this matter. It has not yet been determined whether the bankruptcy estate will assume or reject our contract with this customer. A rejection of our contract with this customer by the bankruptcy estate could have a material adverse effect on our business, financial condition and results of operations, as any reduction in the use of our services or the business failure by one of our major customers and/or wholesale channel partners could have such a result.

**Note 16 - Geographical Data**

For the years ended December 31, 2016 and 2015, there was no material revenue attributable to any individual foreign country. Revenue by geographic area is allocated as follows (in thousands):

	Year Ended December 31,	
	2016	2015
Domestic	\$ 17,412	\$ 23,470
Foreign	1,806	2,071
	<u>\$ 19,218</u>	<u>\$ 25,541</u>

Long-lived assets were 100% located in domestic markets during both years ended December 31, 2016 and 2015.

**Note 17 - Income Taxes**

The following table sets forth the components of income tax (benefit) expense (in thousands):

	Year Ended December 31,	
	2016	2015
Current:		
State	\$ —	\$ 3
	—	3
Deferred:		
Federal	(73)	154
State	(6)	13
	(79)	167
Income tax (benefit) expense	\$ (79)	\$ 170

Our effective tax rate differs from the statutory federal tax rate as shown in the following table (in thousands):

	Year Ended December 31,	
	2016	2015
U.S. federal income taxes at the statutory rate	\$ (1,264)	\$ (692)
State taxes, net of federal effects	(108)	(53)
Permanent differences	10	13
Impact of state tax rate change to deferred	(36)	119
Expired net operating loss carry-forwards	—	4,026
Prior year provision to actual adjustments	(36)	—
Other	8	12
Change in valuation allowance	1,347	(3,255)
Income tax (benefit) expense	\$ (79)	\$ 170

The tax effect of the temporary differences that give rise to significant portions of the deferred tax assets and liabilities is presented below (in thousands):

	December 31,	
	2016	2015
Deferred tax assets:		
Tax benefit of operating loss carry forward	\$ 11,612	\$ 10,385
Reserves and allowances	12	148
Accrued expenses	35	73
Charitable contributions	198	190
Stock-based compensation	1,098	846
Fixed assets	102	330
Texas margin tax temporary credit	239	246
Total deferred tax assets	13,296	12,218
Valuation allowance	(13,192)	(11,844)
Net deferred tax assets	\$ 104	\$ 374
Deferred tax liabilities:		
481(a) adjustment	\$ —	\$ 2
Goodwill	230	309
Intangible amortization	104	372
Total deferred tax liabilities	\$ 334	\$ 683
Net deferred tax liability	\$ (230)	\$ (309)

The ending balances of the deferred tax assets have been fully reserved, reflecting the uncertainties as to realizability evidenced by the Company's historical net losses. The change in valuation allowance for the year ended December 31, 2016 is an increase of \$1,348,000.

We and our subsidiary file federal and state tax returns on a consolidated basis. During 2013, we determined that an "ownership change" had occurred in 2013 (as defined under Section 382 of the Internal Revenue Code of 1986, as amended) which places an annual limitation on the utilization of the net operating loss ("NOL") carryforwards accumulated before the ownership change. As a result of this annual limitation and the limited carryforward life of the accumulated NOLs, we determined that the ownership change resulted in the permanent loss of approximately \$1.9 million of tax benefit associated with the NOL carryforwards. If additional ownership changes occur in the future, the use of the NOL carryforwards could be subject to further limitation. At December 31, 2015 we had federal NOL carryforwards of \$27,417,000 available to offset future federal taxable income which expire in various amounts from 2017 through 2035. At December 31, 2016, we had federal NOL carryforwards of \$30,558,000 available to offset future federal taxable income which expire in various amounts from 2018 through 2036. The Company also has various state NOL carryforwards. The determination of the state NOL carryforwards is dependent upon apportionment percentages and state laws that can change from year to year and impact the amount of such carryforwards.

There were no significant matters determined to be unrecognized tax benefits taken or expected to be taken in a tax return, in accordance with ASC Topic 740 "Income Taxes" ("ASC 740"), which clarifies the accounting for uncertainty in income taxes recognized in the financial statements, that have been recorded on the Company's consolidated financial statements for the years ended December 31, 2016 and 2015. The Company does not anticipate a material change to unrecognized tax benefits in the next twelve months.

Additionally, ASC 740 provides guidance on the recognition of interest and penalties related to income taxes. There were no interest or penalties related to income taxes that have been accrued or recognized as of and for the years ended December 31, 2016 and 2015.

The federal and state tax returns for the years ending December 31, 2015, 2014 and 2013 are currently open and the tax return for the year ended December 31, 2016 will be filed by September 2017.

#### **Note 18 - 401(k) Plan**

We have adopted a retirement plan under Section 401(k) of the Internal Revenue Code. The 401(k) plan covers substantially all employees who meet minimum age and service requirements. Company contributions to the 401(k) plan for the years ended December 31, 2016 and 2015 were \$82,000 and \$109,000, respectively.

#### **Note 19 - Related Party Transactions**

The Company provided video collaboration and network services to ABM Industries, Inc. ("ABM"). James S. Lusk, who serves on the Board of Directors for the Company, was an officer of ABM from 2007 until April 2015. Revenues from ABM were \$45,000 for the four months ended April 30, 2015.

The Company purchased technology consulting services during 2016 from Nectar Services Corporation, ("Nectar"). David Giangano, who serves on the Board of Directors for the Company, is an officer of Nectar. Related party consulting fees of \$11,000 were paid to Nectar during the year ended December 31, 2016. There were no outstanding payables due to Nectar as of December 31, 2016.

As of December 31, 2016, Peter Holst, the Company's President and CEO and a prior stockholder of Affinity, held a 27% interest in the SRS Note, which was issued to SRS on behalf of the prior stockholder of Affinity in October 2012. See Note 7 for a description of the terms of the SRS Note.

As of December 31, 2016, Main Street owns 7,711,517 shares, or 21%, of the Company's common stock. Main Street is the Company's senior debt lender (see Note 7).

Transactions with related parties, including the transactions referred to above, are reviewed and approved by independent members of the Board of Directors of the Company in accordance with the Company's Code of Business Conduct and Ethics.

**Glowpoint, Inc.  
2014 Equity Incentive Plan**

**Performance-Vested Restricted Stock Unit Agreement**

Glowpoint, Inc., a Delaware corporation (the “Company”), pursuant to its 2014 Equity Incentive Plan, as amended from time to time (the “Plan”), hereby grants to the holder listed below (the “Participant”), the restricted stock units set forth below (individually and collectively referred to as the “Restricted Stock Units”). The grant is subject to and governed by the Plan generally, and all capitalized terms not defined herein shall have the meanings given to such terms in the Plan.

**Notice of Restricted Stock Unit Award**

Participant [\_\_\_\_\_]

Grant Date [\_\_\_\_\_]

Target Restricted Stock Units [\_\_\_\_\_]

Overview Participant shall be able to earn between [\_\_]% - [\_\_]% of the Target Restricted Stock Units based on the attainment of certain performance goals over the Measuring Period described below.

Measuring Period [\_\_\_\_\_].

Vesting, General Vesting, if any, shall occur at the end of the Measuring Period based upon the [\_\_\_\_\_] (defined below) and [\_\_\_\_\_] (defined below) of the Company during such Measuring Period. Except as set forth below, Participant must remain in the continuous employment of the Company from the Grant Date through the last day of the Measurement Period in order to vest in the Restricted Stock Units.

Target Vesting Amounts for the Measurement Period The Target Restricted Stock Units shall be divided into amounts that shall be eligible to vest based on [\_\_\_\_\_] for the Measuring Period, and amounts that shall vest based on [\_\_\_\_\_] for the Measuring Period, by multiplying the Target Restricted Units by the following weightings:

- [\_\_\_\_\_] .....[\_\_%]
- [\_\_\_\_\_] .....[\_\_%]

The Target Restricted Stock Units that shall be eligible to vest based on [\_\_\_\_\_] for the Measuring Period shall be known as the “[\_\_\_\_\_] Target RSUs.”

The Target Restricted Stock Units that shall be eligible to vest based on [\_\_\_\_\_] for the Measuring Period shall be known as the “[\_\_\_\_\_] Target RSUs.”

Amounts Vesting Based on [\_\_\_\_\_] The number of Restricted Stock Units actually vesting at the end of the Measuring Period based on [\_\_\_\_\_] for the Measuring Period (the “[\_\_\_\_\_] Vested RSUs”) shall be equal to the [\_\_\_\_\_] Target RSUs for such Measuring Period *multiplied by* the “Vesting Percentage” determined in accordance with the following chart: [\_\_\_\_\_]

Amounts Vesting Per Measuring Period Based on [_____]	The number of Restricted Stock Units actually vesting at the end of the Measuring Period based on [_____] for the Measuring Period (the “[_____] Vested RSUs”) shall be equal to the [_____] Target RSUs for such Measuring Period <i>multiplied by</i> the “Vesting Percentage” determined in accordance with the following chart: [_____]
Total Amount Vested Per Measuring Period	The total number of Restricted Stock Units vested at the end of each Measuring Period (the “ <u>Total Vested RSUs</u> ”) shall be the sum of the [_____] Vested RSUs <u>plus</u> the [_____] Vested RSUs.
Vesting Determinations	The vesting results for a Measuring Period shall be certified in writing by the Administrator no later than the March 15 <sup>th</sup> next following the end of such Measuring Period.
[_____] and Target [_____]	“[_____]” shall mean [_____] for the Measuring Period as reported on the Company’s Form 10-K.  “ <u>Target [_____]</u> ” for the Measuring Period shall be: [_____]
[_____] and Target [_____]	“[_____]” shall mean gross [_____] for the Measuring Period as reported on the Company’s Form 10-K.  “ <u>Target [_____]</u> ” for each Measuring Period shall be: [_____]
Special Vesting Events	<u>Termination of Continuous Employment</u>  In the event of the termination of Participant’s continuous employment by the Company without “cause” (as defined in the Plan), Participant shall be eligible to vest in a pro-rata number of Restricted Stock Units at the end of the Measuring Period, in an amount equal to (i) the Total Vested RSUs for the Measuring Period, <i>multiplied by</i> (ii) a fraction, (x) the numerator of which is the number of days Participant remained in continuous employment from the start of the Measuring Period through the date of termination (if any), and (y) the denominator of which is 365.  <u>Death or Disability</u>  In the event of the termination of Participant’s continuous employment with the Company on account of Participant’s death or Disability, Participant shall be eligible to vest in a pro-rata number of Restricted Stock Units at the end of the Measuring Period, in an amount equal to (i) the Total Vested RSUs for the Measuring Period, <i>multiplied by</i> (ii) a fraction, (x) the numerator of which is the number of days Participant remained in continuous employment from the start of the Measuring Period through the date of Participant’s death or Disability (if any), and (y) the denominator of which is 365. “ <u>Disability</u> ” shall have the meaning set forth in Treasury Regulation Section 1.409A-3(i)(4).
Payment	The Company shall issue to Participant one share of Common Stock for each Restricted Stock Unit that vests hereunder, with the delivery of such Common Stock to occur as soon as reasonably practicable following the certification of results for the Measuring Period, but in all events payment shall be made no more than seventy-four (74) days following the last day of the Measuring Period.

Following a Special Vesting Event

Notwithstanding anything herein to the contrary, in the event of a Change in Control following the occurrence of a Special Vesting Event, the Measuring Period shall be deemed to have ended as of the date of the Change in Control, and the pro-rated number of Restricted Stock Units vested upon the Change in Control shall be equal to (i) the Target Restricted Stock Units, *multiplied by* (ii) a fraction, (x) the numerator of which is the number of days Participant remained in continuous employment from the start of the Measuring Period through the date of the Special Vesting Event (if any), and (y) the denominator of which is 365. The Company shall issue to Participant one share of Common Stock for each Restricted Stock Unit that vests upon the Change in Control, and payment shall be made on or within 74 days following the Change in Control.

During Employment

In the event of a Change in Control while Participant is in the continuous employment of the Company: (i) the successor or acquirer in the Change in Control shall provide for the assumption or continuation of the Restricted Stock Units or the substitution of new awards denominated in cash or stock units covering publicly traded shares of the successor or acquirer (or direct or indirect parent thereof), in either case having an intrinsic value equal to the Fair Market Value of a number of shares of Common Stock equal to the Target Restricted Stock Units on the date of the Change in Control (the "Replacement Award"), (ii) all performance-vesting criteria shall cease to have further force or effect and the Participant shall vest in the Replacement Award based solely on the Participant's continued employment with the successor or acquirer (or affiliate thereof), (iii) vesting in the Replacement Award shall occur based on continued employment with the acquirer or successor (or affiliate thereof) through the soonest to occur of (A) the 12 month anniversary of the Change in Control, (B) the end of the originally scheduled Measurement Period, or (C) the Participant's termination of employment from the successor or acquirer (or affiliate thereof) without "cause" (as defined in the Plan), or as a result of the Participant's death or Disability (as defined herein). Payment of the vested Replacement Award shall occur within 74 days of the vesting of such award. For avoidance of doubt, termination of employment with the successor or acquirer (or affiliate thereof) that does not result in the vesting of the Replacement Award will result in the forfeiture of any unvested portion of such Replacement Award.

Notwithstanding the preceding paragraph, if, for any reason, the acquirer or successor fails to make the Replacement Award, the Participant shall become immediately vested upon the Change in Control in a number of RSUs equal to the Target Restricted Stock Units, and payment in respect of same (consisting of one share of Common Stock for each vested RSU) shall occur within 74 days of the Change in Control.

Dividend Equivalent Right	Participant shall be entitled upon the vesting of any Restricted Stock Units to receive an additional amount in cash equal to the value of all dividends and distributions made between the Grant Date and the vesting date with respect to a number of shares of Common Stock equal to the number of Restricted Stock Units vesting on such date (the " <u>Dividend Equivalent Amounts</u> "). The Dividend Equivalent Amounts shall be accumulated and paid on the date on which the Restricted Stock Units to which they relate are paid.
Stockholder Rights	Participant has no stockholder rights with respect to the Restricted Stock Units.
Other Terms and Conditions	Are set forth in the accompanying Restricted Stock Unit Grant Terms and Conditions and the Plan.

By executing this letter below, Participant and the Company agree that the Restricted Stock Units granted hereby are granted under and governed by the terms and conditions of the Plan and this Performance-Vested Restricted Stock Unit Agreement (including this Notice of Restricted Stock Unit Award and the accompanying Restricted Stock Unit Terms and Conditions) (the "Grant Documents"). Participant hereby represents and acknowledges that he or she has been provided the opportunity to review the Plan and the Grant Documents in their entirety, and Participant hereby agrees to accept as binding, conclusive, and final all decisions or interpretations of the Administrator upon any questions relating to the Plan and the Grant Documents.

IN WITNESS WHEREOF, the parties have executed this Performance-Vested Restricted Stock Unit Agreement, effective as of the day and year first above written.

**GLOWPOINT, INC.**

**GRANTEE**

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Name, Title	Date	Signature	Date
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## Restricted Stock Unit Terms and Conditions

The following terms and conditions apply to the Restricted Stock Units granted to Participant by the Company, as specified in the accompanying Notice of Restricted Stock Unit Award.

1. Grant of Restricted Stock Units. The Company has issued to Participant the Restricted Stock Units set forth above in the Notice of Restricted Stock Unit Award, effective on the Grant Date, and subject to the terms and conditions set forth in the Notice of Restricted Stock Unit Award, these Restricted Stock Unit Terms and Conditions, and the Plan (which is incorporated herein by reference).

2. Restricted Stock Units Non-Transferable. Restricted Stock Units (and related rights) may not be sold, assigned, transferred by gift or otherwise, pledged, hypothecated, or otherwise disposed of, by operation of law or otherwise.

3. Vesting. Unless otherwise provided in the Plan, Participant's Restricted Stock Units shall vest in accordance with the terms and conditions set forth in the Notice of Restricted Stock Unit Award.

4. Payment. Payment in respect of vested Restricted Stock Units shall be made at the time(s) and in the form(s) set forth in the Notice of Restricted Stock Unit Award.

5. Termination of Employment; Forfeiture. Upon the termination of Participant's continuous employment with the Company or its Subsidiaries for any reason, any Restricted Stock Units that have not vested or that are not entitled to continued vesting in accordance with Paragraph 3 and the Notice of Restricted Stock Unit Award shall immediately be forfeited. Upon forfeiture, Participant shall have no further rights with respect to such Restricted Stock Units and related Dividend Equivalent Amounts.

6. Tax Treatment; Section 409A. Participant may incur tax liability as a result of the receipt of Restricted Stock Units and payments thereunder. Participant should consult his or her own tax adviser for tax advice. Participant acknowledges that the Administrator, in the exercise of its sole discretion and without Participant's consent, may amend or modify the Grant Document in any manner, and delay the payment of any amounts thereunder, to the minimum extent necessary to satisfy the requirements of Section 409A of the Code. The Company will provide Participant with notice of any such amendment or modification. This Section does not, and shall not be construed so as to, create any obligation on the part of the Company to adopt any such amendments or to take any other actions or to indemnify Participant for any failure to do so.

7. Tax Withholding. Participant shall make appropriate arrangements with the Company to provide for payment of all federal, state, local or foreign taxes of any kind required by law to be withheld upon the payment of any amounts pursuant to Participant's Restricted Stock Units. Such arrangements may include, but are not limited to, the payment of cash directly to the Company, withholding by the Company from other cash payments of any kind otherwise due Participant, or share withholding as described below. Participant may elect to satisfy the minimum statutory withholding obligations, in whole or in part, (i) by having the Company withhold shares otherwise issuable to Participant or (ii) by delivering to the Company shares of Common Stock already owned by Participant. The shares delivered or withheld shall have an aggregate Fair Market Value not in excess of the minimum statutory total tax withholding obligations. The Fair Market Value of the shares used to satisfy the withholding obligation shall be determined by the Company as of the date that the amount of tax to be withheld is to be determined. Shares used to satisfy any tax withholding obligation must be vested and cannot be subject to any

repurchase, forfeiture, or other similar requirements. Any election to withhold shares shall be irrevocable, made in writing, signed by Participant, and shall be subject to any restrictions or limitations that the Administrator, in its sole discretion, deems appropriate.

8 . Consent Relating to Personal Data. Participant, although under no obligation to do so, voluntarily acknowledges and consents to the collection, use, processing and transfer of personal data as described in this Section 8. The Company and its subsidiaries hold, for the purpose of managing and administering the Plan, certain personal information about Participant, including Participant's name, home address and telephone number, date of birth, social security number or other employee identification number, salary, nationality, job title, any shares or directorships held in the Company, details of all Restricted Stock Units and other equity awards or any other entitlement to shares awarded, canceled, purchased, vested, unvested or outstanding in Participant's favor ("Data"). The Company and/or its Subsidiaries will transfer Data among themselves as necessary for the purpose of implementation, administration and management of Participant's participation in the Plan and the Company and/or any of its Subsidiaries may each further transfer Data to any third parties assisting the Company in the implementation, administration and management of the Plan. These recipients may be located throughout the world, including the United States. Participant authorize them to receive, possess, use, retain and transfer the Data, in electronic or other form, for the purposes of implementing, administering and managing Participant's participation in the Plan, including any requisite transfer of such Data as may be required for the administration of the Plan and/or the subsequent holding of shares on Participant's behalf to a broker or other third party with whom Participant may elect to deposit any shares acquired pursuant to the Plan. Participant may, at any time, review Data, require any necessary amendments to it or withdraw the consents herein in writing by contacting the Company.

10. Other Employee Benefits. Except as specifically provided otherwise in any relevant employee benefit plan, program, or arrangement, the Restricted Stock Units evidenced hereby are not part of normal or expected compensation for purposes of calculating any severance, resignation, redundancy, end of service payments, bonuses, long-service awards, pension or retirement benefits or similar payments.

11 . Electronic Delivery. PARTICIPANT HEREBY CONSENTS TO ELECTRONIC DELIVERY OF THE PLAN, AND ANY DISCLOSURE OR OTHER DOCUMENTS RELATED TO THE PLAN, INCLUDING FUTURE GRANT DOCUMENTS (COLLECTIVELY, THE "PLAN DOCUMENTS"). THE COMPANY MAY DELIVER THE PLAN DOCUMENTS ELECTRONICALLY TO PARTICIPANT BY E-MAIL, BY POSTING SUCH DOCUMENTS ON ITS INTRANET WEBSITE OR BY ANOTHER MODE OF ELECTRONIC DELIVERY AS DETERMINED BY THE COMPANY IN ITS SOLE DISCRETION. PARTICIPANT ACKNOWLEDGES THAT HE OR SHE IS ABLE TO ACCESS, VIEW AND RETAIN AN E-MAIL ANNOUNCEMENT INFORMING PARTICIPANT THAT THE PLAN DOCUMENTS ARE AVAILABLE IN HTML, PDF OR SUCH OTHER FORMAT AS THE COMPANY DETERMINES IN ITS SOLE DISCRETION.

12. Notices. Any notice required or permitted to be given hereunder shall be in writing and shall be given by hand delivery, by e-mail, by facsimile, or by first class registered or certified mail, postage prepaid, addressed, if to the Company, to its Corporate Secretary, and if to Participant, to Participant's address now on file with the Company, or to such other address as either may designate in writing. Any notice shall be deemed to be duly given as of the date delivered in the case of personal

delivery, e-mail, or facsimile, or as of the second day after enclosed in a properly sealed envelope and deposited, postage prepaid, in a United States post office, in the case of mailed notice.

13. Amendment. The Grant Documents may be amended by the Administrator at any time without Participant's consent if such amendment does not reduce the benefits to which Participant was entitled. In all other cases, the Grant Documents may not be amended or otherwise modified unless evidenced in writing and signed by the Company and Participant.

14. Relationship to Plan. Nothing in the Grant Documents shall alter the terms of the Plan. If there is a conflict between the terms of the Plan and the terms of the Grant Documents, the terms of the Plan shall prevail.

15. Construction; Severability. The section headings contained herein are for reference purposes only and shall not in any way affect the meaning or interpretation of these Restricted Stock Unit Terms and Conditions. The invalidity or unenforceability of any provision of the Grant Documents shall not affect the validity or enforceability of any other provision thereof, and each other provision thereof shall be severable and enforceable to the extent permitted by law.

16. Waiver. Any provision contained in the Grant Documents may be waived, either generally or in any particular instance, by the Administrator appointed under the Plan, but only to the extent permitted under the Plan.

17. Binding Effect. The Grant Documents shall be binding upon and inure to the benefit of the Company and to Participant and their respective heirs, executors, administrators, legal representatives, successors and assigns.

18. Rights to Employment. Nothing contained in the Grant Documents shall be construed as giving Participant any right to be retained in the employ of the Company and the Grant Documents are limited solely to governing the parties' rights and obligations with respect to the Restricted Stock Units.

19. Governing Law. The Grant Documents shall be governed by and construed in accordance with the laws of the State of Delaware, without regard to the choice of law principles thereof.

20. Company Policies to Apply. The sale of any shares of Common Stock received as payment under the Restricted Stock Units is subject to the Company's policies regulating securities trading by employees, all relevant federal and state securities laws and the listing requirements of any stock exchange on which the shares of the Company's Common Stock are then traded. In addition, participation in the Plan and receipt of remuneration as a result of the Restricted Stock Units is subject in all respects to any Company compensation clawback policies that may be in effect from time to time.

21. Section 409A Compliance. The intent of the parties is that payments and benefits under these Grant Documents be exempt from Section 409A of the Code as "short-term deferrals," and the Grant Documents shall be interpreted and administered accordingly.

Glowpoint, Inc.  
2014 Equity Incentive Plan

**Performance-Vested Restricted Stock Unit Agreement**

Glowpoint, Inc., a Delaware corporation (the “Company”), pursuant to its 2014 Equity Incentive Plan, as amended from time to time (the “Plan”), hereby grants to the holder listed below (the “Participant”), the restricted stock units set forth below (individually and collectively referred to as the “Restricted Stock Units”). The grant is subject to and governed by the Plan generally, and all capitalized terms not defined herein shall have the meanings given to such terms in the Plan.

**Notice of Restricted Stock Unit Award**

Participant [ ]

Grant Date [ ]

Target Restricted Stock Units [ ]

Overview Participant shall be able to earn between [ ]% - [ ]% of the Target Restricted Stock Units based on the attainment of certain performance goals over the Measuring Period described below.

Measuring Period [ ]

Vesting, General Vesting, if any, shall occur at the end of the Measuring Period based upon the [ ] (defined below) and [ ] (defined below) of the Company during such Measuring Period. Except as set forth below, Participant must remain in the continuous employment of the Company from the Grant Date through the last day of the Measurement Period in order to vest in the Restricted Stock Units.

Target Vesting Amounts for the Measurement Period The Target Restricted Stock Units shall be divided into amounts that shall be eligible to vest based on [ ] for the Measuring Period, and amounts that shall vest based on [ ] for the Measuring Period, by multiplying the Target Restricted Units by the following weightings:

[ ].....[ ]%  
[ ].....[ ]%

The Target Restricted Stock Units that shall be eligible to vest based on [ ] for the Measuring Period shall be known as the “[ ] Target RSUs.”

The Target Restricted Stock Units that shall be eligible to vest based on [ ] for the Measuring Period shall be known as the “[ ] Target RSUs.”

Amounts Vesting Based on [ ] The number of Restricted Stock Units actually vesting at the end of the Measuring Period based on [ ] for the Measuring Period (the “[ ] Vested RSUs”) shall be equal to the [ ] Target RSUs for such Measuring Period *multiplied by* the “Vesting Percentage” determined in accordance with the following chart: [ ]

Amounts Vesting Per Measuring Period Based on [ ] The number of Restricted Stock Units actually vesting at the end of the Measuring Period based on [ ] for the Measuring Period (the “[ ] Vested RSUs”) shall be equal to the [ ] Target RSUs for such Measuring Period *multiplied by* the “Vesting Percentage” determined in accordance with the following chart: [ ]

Total Amount Vested Per Measuring Period The total number of Restricted Stock Units vested at the end of each Measuring Period (the “Total Vested RSUs”) shall be the sum of the [ ] Vested RSUs plus the [ ] Vested RSUs.

Vesting Determinations The vesting results for a Measuring Period shall be certified in writing by the Administrator no later than the March 15<sup>th</sup> next following the end of such Measuring Period.

“[ ]” shall mean [ ].

[ ] and Target [ ]

“[ ]” for the Measuring Period shall be: [ ]

[ ] and Target [ ]

“[ ]” shall mean [ ].

“[ ]” for each Measuring Period shall be: [ ]

Special Vesting Events

Death or Disability

In the event of the termination of Participant’s continuous employment with the Company on account of Participant’s death or Disability, Participant shall be eligible to vest in a pro-rata number of Restricted Stock Units at the end of the Measuring Period, in an amount equal to (i) the Total Vested RSUs for the Measuring Period, *multiplied by* (ii) a fraction, (x) the numerator of which is the number of days Participant remained in continuous employment from the start of the Measuring Period through the date of Participant’s death or Disability (if any), and (y) the denominator of which is 365. “Disability” shall have the meaning set forth in Treasury Regulation Section 1.409A-3(i)(4).

Payment

The Company shall issue to Participant one share of Common Stock for each Restricted Stock Unit that vests hereunder, with the delivery of such Common Stock to occur as soon as reasonably practicable following the certification of results for the Measuring Period, but in all events payment shall be made no more than seventy-four (74) days following the last day of the Measuring Period.

Following a Special Vesting Event

Notwithstanding anything herein to the contrary, in the event of a Change in Control following the occurrence of a Special Vesting Event, the Measuring Period shall be deemed to have ended as of the date of the Change in Control, and the pro-rated number of Restricted Stock Units vested upon the Change in Control shall be equal to (i) the Target Restricted Stock Units, *multiplied by* (ii) a fraction, (x) the numerator of which is the number of days Participant remained in continuous employment from the start of the Measuring Period through the date of the Special Vesting Event (if any), and (y) the denominator of which is 365. The Company shall issue to Participant one share of Common Stock for each Restricted Stock Unit that vests upon the Change in Control, and payment shall be made on or within 74 days following the Change in Control.

During Employment

In the event of a Change in Control while Participant is in the continuous employment of the Company: (i) the successor or acquirer in the Change in Control shall provide for the assumption or continuation of the Restricted Stock Units or the substitution of new awards denominated in cash or stock units covering publicly traded shares of the successor or acquirer (or direct or indirect parent thereof), in either case having an intrinsic value equal to the Fair Market Value of a number of shares of Common Stock equal to the Target Restricted Stock Units on the date of the Change in Control (the "Replacement Award"), (ii) all performance-vesting criteria shall cease to have further force or effect and the Participant shall vest in the Replacement Award based solely on the Participant's continued employment with the successor or acquirer (or affiliate thereof), (iii) vesting in the Replacement Award shall occur based on continued employment with the acquirer or successor (or affiliate thereof) through the soonest to occur of (A) the 12 month anniversary of the Change in Control, (B) the end of the originally scheduled Measurement Period, or (C) the Participant's termination of employment from the successor or acquirer (or affiliate thereof) without "cause" (as defined in the Plan), or as a result of the Participant's death or Disability (as defined herein). Payment of the vested Replacement Award shall occur within 74 days of the vesting of such award. For avoidance of doubt, termination of employment with the successor or acquirer (or affiliate thereof) that does not result in the vesting of the Replacement Award will result in the forfeiture of any unvested portion of such Replacement Award.

Notwithstanding the preceding paragraph, if, for any reason, the acquirer or successor fails to make the Replacement Award, the Participant shall become immediately vested upon the Change in Control in a number of RSUs equal to the Target Restricted Stock Units, and payment in respect of same (consisting of one share of Common Stock for each vested RSU) shall occur within 74 days of the Change in Control.

Dividend Equivalent Right	Participant shall be entitled upon the vesting of any Restricted Stock Units to receive an additional amount in cash equal to the value of all dividends and distributions made between the Grant Date and the vesting date with respect to a number of shares of Common Stock equal to the number of Restricted Stock Units vesting on such date (the " <u>Dividend Equivalent Amounts</u> "). The Dividend Equivalent Amounts shall be accumulated and paid on the date on which the Restricted Stock Units to which they relate are paid.
Stockholder Rights	Participant has no stockholder rights with respect to the Restricted Stock Units.
Other Terms and Conditions	Are set forth in the accompanying Restricted Stock Unit Grant Terms and Conditions and the Plan.

By executing this letter below, Participant and the Company agree that the Restricted Stock Units granted hereby are granted under and governed by the terms and conditions of the Plan and this Performance-Vested Restricted Stock Unit Agreement (including this Notice of Restricted Stock Unit Award and the accompanying Restricted Stock Unit Terms and Conditions) (the "Grant Documents"). Participant hereby represents and acknowledges that he or she has been provided the opportunity to review the Plan and the Grant Documents in their entirety, and Participant hereby agrees to accept as binding, conclusive, and final all decisions or interpretations of the Administrator upon any questions relating to the Plan and the Grant Documents.

IN WITNESS WHEREOF, the parties have executed this Performance-Vested Restricted Stock Unit Agreement, effective as of the day and year first above written.

**GLOWPOINT, INC.**

**GRANTEE**

Name, Title	Date	Signature	Date
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## Restricted Stock Unit Terms and Conditions

The following terms and conditions apply to the Restricted Stock Units granted to Participant by the Company, as specified in the accompanying Notice of Restricted Stock Unit Award.

1. Grant of Restricted Stock Units. The Company has issued to Participant the Restricted Stock Units set forth above in the Notice of Restricted Stock Unit Award, effective on the Grant Date, and subject to the terms and conditions set forth in the Notice of Restricted Stock Unit Award, these Restricted Stock Unit Terms and Conditions, and the Plan (which is incorporated herein by reference).

2. Restricted Stock Units Non-Transferable. Restricted Stock Units (and related rights) may not be sold, assigned, transferred by gift or otherwise, pledged, hypothecated, or otherwise disposed of, by operation of law or otherwise.

3. Vesting. Unless otherwise provided in the Plan, Participant's Restricted Stock Units shall vest in accordance with the terms and conditions set forth in the Notice of Restricted Stock Unit Award.

4. Payment. Payment in respect of vested Restricted Stock Units shall be made at the time(s) and in the form(s) set forth in the Notice of Restricted Stock Unit Award.

5. Termination of Employment; Forfeiture. Upon the termination of Participant's continuous employment with the Company or its Subsidiaries for any reason, any Restricted Stock Units that have not vested or that are not entitled to continued vesting in accordance with Paragraph 3 and the Notice of Restricted Stock Unit Award shall immediately be forfeited. Upon forfeiture, Participant shall have no further rights with respect to such Restricted Stock Units and related Dividend Equivalent Amounts.

6. Tax Treatment; Section 409A. Participant may incur tax liability as a result of the receipt of Restricted Stock Units and payments thereunder. Participant should consult his or her own tax adviser for tax advice. Participant acknowledges that the Administrator, in the exercise of its sole discretion and without Participant's consent, may amend or modify the Grant Document in any manner, and delay the payment of any amounts thereunder, to the minimum extent necessary to satisfy the requirements of Section 409A of the Code. The Company will provide Participant with notice of any such amendment or modification. This Section does not, and shall not be construed so as to, create any obligation on the part of the Company to adopt any such amendments or to take any other actions or to indemnify Participant for any failure to do so.

7. Tax Withholding. Participant shall make appropriate arrangements with the Company to provide for payment of all federal, state, local or foreign taxes of any kind required by law to be withheld upon the payment of any amounts pursuant to Participant's Restricted Stock Units. Such arrangements may include, but are not limited to, the payment of cash directly to the Company, withholding by the Company from other cash payments of any kind otherwise due Participant, or share withholding as described below. Participant may elect to satisfy the minimum statutory withholding obligations, in whole or in part, (i) by having the Company withhold shares otherwise issuable to Participant or (ii) by delivering to the Company shares of Common Stock already owned by Participant. The shares delivered or withheld shall have an aggregate Fair Market Value not in excess of the minimum statutory total tax withholding obligations. The Fair Market Value of the shares used to satisfy the withholding obligation shall be determined by the Company as of the date that the amount of tax to be withheld is to be determined. Shares used to satisfy any tax withholding obligation must be vested and cannot be subject to any

repurchase, forfeiture, or other similar requirements. Any election to withhold shares shall be irrevocable, made in writing, signed by Participant, and shall be subject to any restrictions or limitations that the Administrator, in its sole discretion, deems appropriate.

8 . Consent Relating to Personal Data. Participant, although under no obligation to do so, voluntarily acknowledges and consents to the collection, use, processing and transfer of personal data as described in this Section 8. The Company and its subsidiaries hold, for the purpose of managing and administering the Plan, certain personal information about Participant, including Participant's name, home address and telephone number, date of birth, social security number or other employee identification number, salary, nationality, job title, any shares or directorships held in the Company, details of all Restricted Stock Units and other equity awards or any other entitlement to shares awarded, canceled, purchased, vested, unvested or outstanding in Participant's favor ("Data"). The Company and/or its Subsidiaries will transfer Data among themselves as necessary for the purpose of implementation, administration and management of Participant's participation in the Plan and the Company and/or any of its Subsidiaries may each further transfer Data to any third parties assisting the Company in the implementation, administration and management of the Plan. These recipients may be located throughout the world, including the United States. Participant authorize them to receive, possess, use, retain and transfer the Data, in electronic or other form, for the purposes of implementing, administering and managing Participant's participation in the Plan, including any requisite transfer of such Data as may be required for the administration of the Plan and/or the subsequent holding of shares on Participant's behalf to a broker or other third party with whom Participant may elect to deposit any shares acquired pursuant to the Plan. Participant may, at any time, review Data, require any necessary amendments to it or withdraw the consents herein in writing by contacting the Company.

10. Other Employee Benefits. Except as specifically provided otherwise in any relevant employee benefit plan, program, or arrangement, the Restricted Stock Units evidenced hereby are not part of normal or expected compensation for purposes of calculating any severance, resignation, redundancy, end of service payments, bonuses, long-service awards, pension or retirement benefits or similar payments.

11 . Electronic Delivery. PARTICIPANT HEREBY CONSENTS TO ELECTRONIC DELIVERY OF THE PLAN, AND ANY DISCLOSURE OR OTHER DOCUMENTS RELATED TO THE PLAN, INCLUDING FUTURE GRANT DOCUMENTS (COLLECTIVELY, THE "PLAN DOCUMENTS"). THE COMPANY MAY DELIVER THE PLAN DOCUMENTS ELECTRONICALLY TO PARTICIPANT BY E-MAIL, BY POSTING SUCH DOCUMENTS ON ITS INTRANET WEBSITE OR BY ANOTHER MODE OF ELECTRONIC DELIVERY AS DETERMINED BY THE COMPANY IN ITS SOLE DISCRETION. PARTICIPANT ACKNOWLEDGES THAT HE OR SHE IS ABLE TO ACCESS, VIEW AND RETAIN AN E-MAIL ANNOUNCEMENT INFORMING PARTICIPANT THAT THE PLAN DOCUMENTS ARE AVAILABLE IN HTML, PDF OR SUCH OTHER FORMAT AS THE COMPANY DETERMINES IN ITS SOLE DISCRETION.

12. Notices. Any notice required or permitted to be given hereunder shall be in writing and shall be given by hand delivery, by e-mail, by facsimile, or by first class registered or certified mail, postage prepaid, addressed, if to the Company, to its Corporate Secretary, and if to Participant, to Participant's address now on file with the Company, or to such other address as either may designate in writing. Any notice shall be deemed to be duly given as of the date delivered in the case of personal

delivery, e-mail, or facsimile, or as of the second day after enclosed in a properly sealed envelope and deposited, postage prepaid, in a United States post office, in the case of mailed notice.

13. Amendment. The Grant Documents may be amended by the Administrator at any time without Participant's consent if such amendment does not reduce the benefits to which Participant was entitled. In all other cases, the Grant Documents may not be amended or otherwise modified unless evidenced in writing and signed by the Company and Participant.

14. Relationship to Plan. Nothing in the Grant Documents shall alter the terms of the Plan. If there is a conflict between the terms of the Plan and the terms of the Grant Documents, the terms of the Plan shall prevail.

15. Construction; Severability. The section headings contained herein are for reference purposes only and shall not in any way affect the meaning or interpretation of these Restricted Stock Unit Terms and Conditions. The invalidity or unenforceability of any provision of the Grant Documents shall not affect the validity or enforceability of any other provision thereof, and each other provision thereof shall be severable and enforceable to the extent permitted by law.

16. Waiver. Any provision contained in the Grant Documents may be waived, either generally or in any particular instance, by the Administrator appointed under the Plan, but only to the extent permitted under the Plan.

17. Binding Effect. The Grant Documents shall be binding upon and inure to the benefit of the Company and to Participant and their respective heirs, executors, administrators, legal representatives, successors and assigns.

18. Rights to Employment. Nothing contained in the Grant Documents shall be construed as giving Participant any right to be retained in the employ of the Company and the Grant Documents are limited solely to governing the parties' rights and obligations with respect to the Restricted Stock Units.

19. Governing Law. The Grant Documents shall be governed by and construed in accordance with the laws of the State of Delaware, without regard to the choice of law principles thereof.

20. Company Policies to Apply. The sale of any shares of Common Stock received as payment under the Restricted Stock Units is subject to the Company's policies regulating securities trading by employees, all relevant federal and state securities laws and the listing requirements of any stock exchange on which the shares of the Company's Common Stock are then traded. In addition, participation in the Plan and receipt of remuneration as a result of the Restricted Stock Units is subject in all respects to any Company compensation clawback policies that may be in effect from time to time.

21. Section 409A Compliance. The intent of the parties is that payments and benefits under these Grant Documents be exempt from Section 409A of the Code as "short-term deferrals," and the Grant Documents shall be interpreted and administered accordingly.

Glowpoint, Inc.  
2014 Equity Incentive Plan

**Time-Vested Restricted Stock Grant Agreement**

Glowpoint, Inc., a Delaware corporation (the "Company"), pursuant to its 2014 Equity Incentive Plan, as amended from time to time (the "Plan"), hereby grants to the holder listed below ("Participant"), the number of restricted shares of Common Stock set forth below (individually and collectively referred to as the "Restricted Stock"). The grant is subject to and governed by the Plan generally, and all capitalized terms not defined herein shall have the meanings given to such terms in the Plan.

**Notice of Restricted Stock Grant**

Participant [ ]

Grant Date [ ]

Number of Shares of Restricted Stock [ ] shares of Common Stock.  
Granted

Vesting Schedule Except as set forth below, the Restricted Stock will vest in accordance with the following schedule, provided you remain in the continuous employment of the Company or its Subsidiaries from the Grant Date to the applicable Vesting Date set forth below:

The Administrator shall determine in its discretion whether and when your continuous employment with the Company or its Subsidiaries has ended (including as a result of any leave of absence).

Special Vesting Events All then-outstanding shares of Restricted Stock shall become fully vested immediately prior to a Change in Control.

Voting Rights You will have full voting rights on non-vested Restricted Stock.

Dividends You will be entitled to receive all regular cash dividends on non-vested shares of Restricted Stock. However, all regular cash dividends accruing during the period when the related shares of Restricted Stock are non-vested shall be accumulated and paid on the date on which the related shares of Restricted Stock become vested. In the event the shares of Restricted Stock to which the dividends relate are forfeited, the related accumulated dividends will also be forfeited.

Other Terms and Conditions Are set forth in the accompanying Restricted Stock Grant Terms and Conditions and the Plan.

By executing this letter below, Participant and the Company agree that the Stock granted hereby is granted under and governed by the terms and conditions of the Plan and this Time-Vested Restricted Stock Grant Agreement (including this Notice of Restricted Stock Grant and the accompanying Restricted Stock Grant Terms and Conditions) (the "Grant Documents"). Participant hereby represents and acknowledges that

he or she has been provided the opportunity to review the Plan and the Grant Documents in their entirety, and Participants hereby agrees to accept as binding, conclusive, and final all decisions or interpretations of the Administrator upon any questions relating to the Plan and the Grant Documents.

IN WITNESS WHEREOF, the parties have executed this Time-Vested Restricted Stock Grant Agreement, effective as of the day and year first above written.

**GLOWPOINT, INC.**

**PARTICIPANT**

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Name, Title	Date	Signature	Date
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## **Restricted Stock Grant Terms and Conditions**

The following terms and conditions apply to the Restricted Stock granted to Participant by the Company, as specified in the accompanying Notice of Restricted Stock Grant.

1. **Grant of Restricted Stock.** The Company has issued to Participant the number of shares of Restricted Stock set forth above in the Notice of Restricted Stock Grant, effective on the Grant Date, and subject to the terms and conditions set forth in the Notice of Restricted Stock Grant, these Restricted Stock Grant Terms and Conditions, and the Plan (which is incorporated herein by reference).

2. **Restrictions.** Restricted Stock may not be sold, assigned, transferred by gift or otherwise, pledged, hypothecated, or otherwise disposed of, by operation of law or otherwise, and shall be subject to forfeiture in accordance with the provisions of Section 5, below, until Participant becomes vested in the Restricted Stock. Upon vesting, the restrictions in this Section 2 shall lapse, the Restricted Stock shall no longer be subject to forfeiture, and Participant may transfer shares of Restricted Stock in accordance with applicable securities laws and the Company's trading policies and procedures.

3. **Enforcement of Restrictions.** To enforce the restrictions set forth in Section 2, shares of Restricted Stock may be held in electronic form in an account by the Company's transfer agent or other designee until the restrictions set forth in Section 2 have lapsed with respect to such shares, or until the Restricted Stock is no longer outstanding. In the event the Administrator elects not to hold the shares in electronic form, the Restricted Stock may be evidenced in such manner as the Administrator shall determine, including, but not limited to, the issuance of share certificates in Participant's name. In such case, Participant hereby irrevocably appoints the Secretary of the Company, or any other person designated by the Company as escrow agent from time to time, as attorney-in-fact to assign and transfer to the Company any shares of Restricted Stock forfeited by Participant pursuant to Section 5 below, and shall, upon request, deliver and deposit with Participant's attorney-in-fact any share certificates representing the Restricted Stock, together with a stock assignment duly endorsed in blank. The stock assignment and any share certificates shall be held by Participant's attorney-in-fact until the restrictions set forth in Section 2 have lapsed with respect to the shares of Restricted Stock, or until the Restricted Stock is no longer outstanding.

4. **Vesting; Lapse of Restrictions.** Unless otherwise provided in the Plan, Participant's Restricted Stock shall vest in accordance with the Vesting Schedule and/or upon the Special Vesting Events set forth in the Notice of Restricted Stock Grant.

5. **Termination of Employment; Forfeiture.** Upon the termination of Participant's continuous employment with the Company or its Subsidiaries for any reason, any shares of Restricted Stock that have not vested in accordance with Paragraph 4 and the Notice of Restricted Stock Grant shall immediately be forfeited. Any shares of Restricted Stock forfeited pursuant to this Section 5 shall promptly be transferred to the Company without the payment of any consideration therefor, and Participant, or Participant's attorney-in-fact, shall execute all documents and take all actions as shall be necessary or desirable to promptly effectuate such transfer. Upon forfeiture of shares of Restricted Stock, Participant shall have no further rights with respect to such shares, including but not limited to any right to vote the shares or to receive dividends or distributions thereon.

6. **Stockholder Rights; Distributions.** Participant will have the voting and dividend rights set forth in the Notice of Restricted Stock Grant. In addition, any special or extraordinary cash dividends

or distributions and all shares or other property, if any, distributed with respect to the Restricted Stock as a result of any split, stock dividend, combination of shares of stock, rights offering or other similar transaction shall be subject to the same restrictions and vesting schedule as the shares of Restricted Stock to which they relate.

7. Legend. Any certificates representing Restricted Stock shall have affixed thereto the following legend:

“The shares represented by this certificate are subject to all of the terms of a Time-Vested Restricted Stock Grant Agreement (the “Agreement”) between Glowpoint, Inc. (the “Company”) and the registered owner (“Owner”) of this Certificate, and to the terms of the Company’s 2014 Equity Incentive Plan (the “Plan”). Copies of the Agreement and the Plan are on file at the office of the Company. The Agreement, among other things, limits the right of the Owner to transfer the shares represented by this Certificate and provides in certain circumstances that all or a portion of the shares must be returned to the Company.”

8. Effect of Prohibited Transfer. If any transfer of shares is made or attempted to be made contrary to the terms hereof, the Company shall have the right to acquire for its own account, without the payment of any consideration, such shares from the owner thereof or his or her transferee, at any time before or after such prohibited transfer. In addition to any other legal or equitable remedies it may have, the Company may enforce its rights to specific performance to the extent permitted by law and may exercise such other equitable remedies then available. The Company may refuse for any purpose to recognize any transferee who receives shares contrary to the provisions hereof as a stockholder of the Company and may retain and/or recover all dividends on such shares that were paid or payable subsequent to the date on which the prohibited transfer was made or attempted.

9 . Tax Treatment; Section 83(b); Section 409A Participant may incur tax liability as a result of the vesting of shares of Restricted Stock and payment of dividends or the disposition of shares. Participant should consult his or her own tax adviser for tax advice.

PARTICIPANT HEREBY ACKNOWLEDGES THAT PARTICIPANT HAS BEEN INFORMED THAT HE OR SHE MAY FILE WITH THE INTERNAL REVENUE SERVICE, WITHIN 30 DAYS OF THE GRANT DATE, AN IRREVOCABLE ELECTION PURSUANT TO SECTION 83(B) OF THE CODE TO BE TAXED AS OF THE GRANT DATE ON THE AMOUNT BY WHICH THE FAIR MARKET VALUE OF THE RESTRICTED STOCK ON THAT DATE EXCEEDS THE AMOUNT PAID FOR THE STOCK, IF ANY. IF PARTICIPANT CHOOSES TO FILE AN ELECTION UNDER SECTION 83(B) OF THE CODE, PARTICIPANT HEREBY AGREES TO PROMPTLY DELIVER A COPY OF ANY SUCH ELECTION TO THE CHIEF FINANCIAL OFFICER OF THE COMPANY (OR HIS DESIGNEE).

Participant acknowledges that the Administrator, in the exercise of its sole discretion and without Participant’s consent, may amend or modify the Notice of Restricted Stock Grant and these Restricted Stock Grant Terms and Conditions in any manner and delay the payment of any amounts payable pursuant to your Restricted Stock grant to the minimum extent necessary to satisfy the requirements of Section 409A of the Code. The Company will provide Participant with notice of any such amendment or modification. This Section does not, and shall not be construed so as to, create any obligation on the part

of the Company to adopt any such amendments or to take any other actions or to indemnify Participant for any failure to do so.

10. Tax Withholding. Participant shall make appropriate arrangements with the Company to provide for payment of all federal, state, local or foreign taxes of any kind required by law to be withheld upon the issuance or vesting of Participant's Restricted Stock. Such arrangements may include, but are not limited to, the payment of cash directly to the Company, withholding by the Company from other cash payments of any kind otherwise due Participant, or share withholding as described below. Subject to the prior approval of the Administrator, which may be withheld by the Administrator in its sole discretion for any reason or for no reason, Participant may elect to satisfy the minimum statutory withholding obligations, in whole or in part, (i) by having the Company withhold shares otherwise issuable to Participant or (ii) by delivering to the Company shares of Common Stock already owned by Participant. The shares delivered or withheld shall have an aggregate Fair Market Value not in excess of the minimum statutory total tax withholding obligations. The Fair Market Value of the shares used to satisfy the withholding obligation shall be determined by the Company as of the date that the amount of tax to be withheld is to be determined. Shares used to satisfy any tax withholding obligation must be vested and cannot be subject to any repurchase, forfeiture, or other similar requirements. Any election to withhold shares shall be irrevocable, made in writing, signed by Participant, and shall be subject to any restrictions or limitations that the Administrator, in its sole discretion, deems appropriate.

11. Consent Relating to Personal Data. Participant voluntarily acknowledges and consents to the collection, use, processing and transfer of personal data as described in this Section 11. The Company and its subsidiaries hold, for the purpose of managing and administering the Plan, certain personal information about Participant, including Participant's name, home address and telephone number, date of birth, social security number or other employee identification number, salary, nationality, job title, any shares or directorships held in the Company, details of all Restricted Stock and other equity awards or any other entitlement to shares awarded, canceled, purchased, vested, unvested or outstanding in Participant's favor ("Data"). The Company and/or its Subsidiaries will transfer Data among themselves as necessary for the purpose of implementation, administration and management of Participant's participation in the Plan and the Company and/or any of its Subsidiaries may each further transfer Data to any third parties assisting the Company in the implementation, administration and management of the Plan. These recipients may be located throughout the world, including the United States. Participant authorize them to receive, possess, use, retain and transfer the Data, in electronic or other form, for the purposes of implementing, administering and managing Participant's participation in the Plan, including any requisite transfer of such Data as may be required for the administration of the Plan and/or the subsequent holding of shares on Participant's behalf to a broker or other third party with whom Participant may elect to deposit any Shares acquired pursuant to the Plan. Participant may, at any time, review Data, require any necessary amendments to it or withdraw the consents herein in writing by contacting the Company.

12. Other Employee Benefits. Except as specifically provided otherwise in any relevant employee benefit plan, program, or arrangement, the Restricted Stock evidenced hereby is not part of normal or expected compensation for purposes of calculating any severance, resignation, redundancy, end of service payments, bonuses, long-service awards, pension or retirement benefits or similar payments.

13. Electronic Delivery. PARTICIPANT HEREBY CONSENTS TO ELECTRONIC DELIVERY OF THE PLAN, AND ANY DISCLOSURE OR OTHER DOCUMENTS RELATED TO

THE PLAN, INCLUDING FUTURE GRANT DOCUMENTS (COLLECTIVELY, THE "PLAN DOCUMENTS"). THE COMPANY MAY DELIVER THE PLAN DOCUMENTS ELECTRONICALLY TO PARTICIPANT BY E-MAIL, BY POSTING SUCH DOCUMENTS ON ITS INTRANET WEBSITE OR BY ANOTHER MODE OF ELECTRONIC DELIVERY AS DETERMINED BY THE COMPANY IN ITS SOLE DISCRETION. PARTICIPANT ACKNOWLEDGES THAT HE OR SHE IS ABLE TO ACCESS, VIEW AND RETAIN AN E-MAIL ANNOUNCEMENT INFORMING PARTICIPANT THAT THE PLAN DOCUMENTS ARE AVAILABLE IN HTML, PDF OR SUCH OTHER FORMAT AS THE COMPANY DETERMINES IN ITS SOLE DISCRETION.

14. Notices. Any notice required or permitted to be given hereunder shall be in writing and shall be given by hand delivery, by e-mail, by facsimile, or by first class registered or certified mail, postage prepaid, addressed, if to the Company, to its Corporate Secretary, and if to Participant, to Participant's address now on file with the Company, or to such other address as either may designate in writing. Any notice shall be deemed to be duly given as of the date delivered in the case of personal delivery, e-mail, or facsimile, or as of the second day after enclosed in a properly sealed envelope and deposited, postage prepaid, in a United States post office, in the case of mailed notice.

15. Amendment. The Grant Documents may be amended by the Administrator at any time without Participant's consent if such amendment does not reduce the benefits to which Participant was entitled. In all other cases, the Grant Documents may not be amended or otherwise modified unless evidenced in writing and signed by the Company and Participant.

16. Relationship to Plan. Nothing in the Grant Documents shall alter the terms of the Plan. If there is a conflict between the terms of the Plan and the terms of the Grant Documents, the terms of the Plan shall prevail.

17. Construction; Severability. The section headings contained herein are for reference purposes only and shall not in any way affect the meaning or interpretation of these Restricted Stock Terms and Conditions. The invalidity or unenforceability of any provision of the Grant Documents shall not affect the validity or enforceability of any other provision thereof, and each other provision thereof shall be severable and enforceable to the extent permitted by law.

18. Waiver. Any provision contained in the Grant Documents may be waived, either generally or in any particular instance, by the Administrator appointed under the Plan, but only to the extent permitted under the Plan.

19. Binding Effect. The Grant Documents shall be binding upon and inure to the benefit of the Company and to Participant and their respective heirs, executors, administrators, legal representatives, successors and assigns.

20. Rights to Employment. Nothing contained in the Grant Documents shall be construed as giving Participant any right to be retained in the employ of the Company and the Grant Documents are limited solely to governing the parties' rights and obligations with respect to the Restricted Stock.

21. Governing Law. The Grant Documents shall be governed by and construed in accordance with the laws of the State of Delaware, without regard to the choice of law principles thereof.

22. Company Policies to Apply. The sale of any shares of Restricted Stock is subject to the Company's policies regulating securities trading by employees, all relevant federal and state securities laws and the listing requirements of any stock exchange on which the shares of the Company's Common Stock are then traded. In addition, participation in the Plan and receipt of remuneration as a result of the Restricted Stock is subject in all respects to any Company compensation clawback policies that may be in effect from time to time.

**CONSENT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM**

We consent to the incorporation by reference in the Registration Statements of Glowpoint, Inc. on Form S-3 (Nos. 333-209013 and 333-192129) and Form S-8 (No. 333-150436) of our report dated March 31, 2017, on our audits of the consolidated financial statements as of December 31, 2016 and 2015 and for each of the years in the two-year period ended December 31, 2016, which report is included in this Annual Report on Form 10-K to be filed on or about March 31, 2017. Our report includes an explanatory paragraph about the existence of substantial doubt concerning the Company's ability to continue as a going concern.

/s/ EisnerAmper LLP

Iselin, New Jersey

March 31, 2017

**CERTIFICATION OF CHIEF EXECUTIVE OFFICER**

I, Peter Holst, certify that:

1. I have reviewed this annual report on Form 10-K of Glowpoint, Inc.;
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(s) 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(s) 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: March 31, 2017

/s/ Peter Holst

Peter Holst  
Chief Executive Officer  
(Principal Executive Officer)

## CERTIFICATION OF CHIEF FINANCIAL OFFICER

I, David Clark, certify that:

1. I have reviewed this annual report on Form 10-K of Glowpoint, Inc.;
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(s) 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(s) 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: March 31, 2017

/s/ David Clark  
David Clark  
Chief Financial Officer  
(Principal Financial Officer)

**SECTION 906 CERTIFICATION**

The undersigned officers of Glowpoint, Inc., a Delaware corporation (the "Company"), do hereby certify, in accordance with 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, that:

- 1) The accompanying Annual Report on Form 10-K of the Company for the year ended December 31, 2016 (the "Report") fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934, as amended; 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: March 31, 2017

/s/ Peter Holst  
Peter Holst  
Chief Executive Officer  
(Principal Executive Officer)

/s/ David Clark  
David Clark  
Chief Financial Officer  
(Principal Financial Officer)