

BOTTOMLINE TECHNOLOGIES INC /DE/

Form 10-K

August 29, 2018

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UNITED STATES

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 10-K

(Mark One)

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

For the fiscal year ended June 30, 2018

OR

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

For the transition period from _____ to

Commission file number: 0-25259

BOTTOMLINE TECHNOLOGIES (de), INC.

(Exact name of registrant as specified in its charter)

Delaware (State or other jurisdiction of	02-0433294 (I.R.S. Employer
incorporation or organization) 325 Corporate Drive Portsmouth, New Hampshire	Identification No.) 03801-6808
(Address of principal executive offices) (603) 436-0700	(Zip Code)
(Registrant's telephone number, including area code)	

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

Title of each class: Common Stock, \$.001 par value per share	Name of each exchange on which registered: The Nasdaq Global Select Market
Securities registered pursuant to Section 12(g) of the Act: None	

Indicate by check mark if the registrant is a well-known seasoned issuer, as defined in Rule 405 of the Securities Act. 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 Act. 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 (§ 229.405 of this chapter) 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, smaller reporting company, or an emerging growth company. See the definitions of large accelerated filer, accelerated filer, smaller reporting company, and emerging growth company in Rule 12b-2 of the Exchange Act.

Large Accelerated Filer

Accelerated Filer

Non-Accelerated Filer (Do not check if a smaller reporting company)

Smaller Reporting Company

Emerging Growth Company

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

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

The aggregate market value of the voting stock held by non-affiliates of the registrant, based on the last sale price of the registrant's common stock at the close of business on December 31, 2017 was \$1,379,527,848 (reference is made to Part II, Item 5 herein for a statement of assumptions upon which this calculation is based). The registrant has no non-voting stock.

There were 42,406,836 shares of common stock, \$.001 par value per share, of the registrant outstanding as of August 17, 2018.

DOCUMENTS INCORPORATED BY REFERENCE

Items 10, 11, 12, 13 and 14 of Part III (except for information required with respect to our executive officers, which is set forth under

Part I-Item 1. Business-Executive Officers and Other Key Employees of the Registrant) have been omitted from this report, as we expect to file with the Securities and Exchange Commission, not later than 120 days after the close of our fiscal year ended June 30, 2018, a definitive proxy statement for our 2018 annual meeting of stockholders. The information required by Items 10, 11, 12, 13 and 14 of Part III of this report, which will appear in our definitive proxy statement, is incorporated by reference into this report.

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BOTTOMLINE TECHNOLOGIES (de), INC.

FORM 10-K

FOR THE FISCAL YEAR ENDED JUNE 30, 2018

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PART I

This Annual Report on Form 10-K contains forward-looking statements that involve risks and uncertainties. Any statements (including statements to the effect that we believe, expect, anticipate, plan, and similar expressions) that are not statements relating to historical matters should be considered forward-looking statements. Our actual results may differ materially from the results discussed in the forward-looking statements as a result of numerous important factors, including those discussed in Item 1A. Risk Factors.

Item 1. Business.

Our Company

We help make complex business payments simple, smart and secure. Corporations and banks rely on us for state of the art domestic and international payments, efficient cash management, payment processing, bill review, and fraud detection, behavioral analytics and regulatory compliance solutions. The majority of our revenues are derived from offerings sold as SaaS-based solutions and paid for on a subscription and transaction basis.

We operate cloud-based settlement networks that facilitate electronic payments and transaction settlement between businesses, their vendors and banks. We offer cloud and on-premise solutions that banks use to provide payment, cash management and treasury capabilities to their business customers, as well as solutions that financial institutions use to facilitate customer acquisition. Our cloud-based legal spend management solutions help manage and determine the right amount to pay for legal services and claims vendor expenditures for insurance companies and other large consumers of outside legal services. Corporate customers rely on our solutions to automate payment and accounts payable processes and to streamline and manage the production and retention of electronic documents. Our healthcare customers use our solutions to streamline financial processes, particularly the patient enrollment process. We also offer cyber fraud and risk management solutions that are designed to non-invasively monitor and analyze user behavior and payment transactions to flag behavioral and data anomalies and other suspicious activity.

Our solutions are designed to complement, leverage and extend our customers' existing information systems, accounting applications and banking relationships so that they can be deployed quickly and efficiently. To help our customers realize the maximum value from our products and meet their specific business requirements, we also provide professional services for installation, training, consulting and product enhancement.

Bottomline was originally organized as a New Hampshire corporation in 1989 and was reincorporated as a Delaware corporation in August 1997. We maintain our corporate headquarters in Portsmouth, New Hampshire and our international headquarters in Reading, England. We maintain a website at www.bottomline.com. Our website includes links to our Code of Business Conduct and Ethics, and the charters of our Audit Committee, Leadership Development and Compensation Committee, and Nominations and Corporate Governance Committee. We are not including the information contained on our website as part of, or incorporating it by reference into, this Annual Report on Form 10-K. We make available free of charge, through our website, our annual reports on Form 10-K, quarterly reports on Form 10-Q, and current reports on Form 8-K, and amendments to these reports, as soon as reasonably practicable after such material is electronically filed with, or furnished to, the Securities and Exchange Commission (SEC). The SEC's website, www.sec.gov, contains reports, proxy and information statements, and other information regarding issuers that file electronically with the SEC.

Unless the context requires otherwise, references in this Annual Report on Form 10-K to we, us, our, Bottomline and the Company refer to Bottomline Technologies (de), Inc. and its subsidiaries. Our fiscal year ends on June 30, and we

sometimes identify our fiscal years in this Annual Report on Form 10-K by the calendar years in which they end. For example, we refer to the fiscal year ended June 30, 2018 as fiscal year 2018.

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Our Strategy

Our objective is to be the leading global provider of business payment technology. Key elements of our strategy include the following:

providing solutions that allow businesses to make complex and fragmented payment processes simple, smart and secure;

delivering an increasingly broad set of feature-rich solutions via the cloud to provide ease of deployment and efficiency for our customers and increased recurring revenue to us;

providing an intuitive, easy-to-use/easy-to-navigate experience, accessible via a variety of technology platforms including mobile devices;

integrating machine learning and predictive analytics technologies to increase the capabilities and effectiveness of our solutions;

developing innovative new technologies that will allow us to broaden our market footprint, enhance our competitive position in our current markets and capitalize on new market opportunities;

growing our business payment settlement network solutions by adding customers, strategic partners and new capabilities;

delivering solutions that enable organizations to adapt to and leverage business payment environment changes such as faster payments, real-time settlement and open banking;

providing banking solutions that enable banks of all sizes to offer their business customers leading cash management and treasury capabilities;

attracting and retaining exceptional technical, industry and management talent who have experience in our markets and the capability to grow our business;

continuing to develop and broaden strategic relationships that enhance our global position; and

pursuing strategic acquisitions that expand our geographical footprint and market share or extend our product functionality.

Our Products and Services

Settlement Network Solutions

Paymode-X is a cloud-based payment network allowing businesses to easily transition to electronic integrated payables, maximizing cost-savings, efficiency and security. With more than 385,000 member businesses, new Paymode-X customers gain immediate benefits because many of their vendors are already part of the Paymode-X network and can be paid electronically upon enrollment. Our vendor enrollment process leverages our proprietary Intelligent Engagement Model which includes predictive analytics tools and proprietary processes designed to maximize vendor adoption. Intelligent Payment Optimization ensures that customers settle vendor payments utilizing the mix of payment types that will yield the greatest financial and efficiency gains. We continually incorporate innovative technologies and features into Paymode-X to make it easier for network members to implement, use and realize value quickly. Examples include the addition of new electronic payment types, the incorporation of machine learning and predictive analytics into processes and services such as our Intelligent Engagement Model for Vendor onboarding and Intelligent Payment Optimization for highest return payment routing and incorporation of voice technology and biometrics into our mobile app. We partner with Visa and Mastercard to offer Paymode-X with card capabilities.

Our cloud-based financial messaging solutions leverage multiple payment networks and schemes, including SWIFT global messaging, Faster Payments, Single Euro Payments Area (SEPA), BACS and others to allow banks and corporations to exchange financial information, including payment instructions, cash reporting and other messages to facilitate transaction settlement with banks and counterparties around the world. Our financial messaging solutions allow banks and corporations to achieve lower costs, rapid implementation, greater security and improved risk management, while avoiding costly internal infrastructure.

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Banking Solutions

We offer payments, cash management and online banking solutions to financial institutions. Our solutions enable banks of all sizes to offer their customers a host of capabilities including ACH and BACS payments, wires, international payments, check production, customer acquisition, balance and information reporting and other features that facilitate enterprise-wide cash management and interaction with their customers. Our secure payments module integrates with our cloud-based payments and cash management platforms, providing real time security monitoring and automated transaction blocking for fraudulent activity. Our solutions allow our bank customers to attract and service a full range of client segments from small businesses to multi-nationals. These solutions feature an intuitive user interface designed to simplify all aspects of payments and cash management for customers of all sizes and sophistication, through both browser-based and mobile channels. We continue to innovate and adapt our solutions as payment standards, customer needs and expectations and technology evolves.

Legal Spend Management

Our cloud-based legal spend management solutions and services integrate with claims management and time and billing systems to automate legal invoice management processes and to provide insight into all areas of a company's outside legal spend. The combination of automated invoice routing and a sophisticated rules engine allows corporate legal and insurance claims departments to create more efficient processes for managing invoices generated by outside law firms and other service providers, while offering insight into important legal spend factors including expense monitoring and outside counsel performance. We continue to expand the capabilities of these offerings to leverage predictive analytics to facilitate the selection and retention of counsel, forecast claim settlement and litigation expense and augment the management and budgeting of litigation matters.

Cyber Fraud and Risk Management

Our cyber fraud and risk management solutions (CFRM) non-invasively monitor, replay and analyze user behavior and payment transactions to flag and even stop suspicious activity in real time. These solutions are highly configurable and create accountability by recording and analyzing each application interaction and screen view, reducing the risk of theft, information leakage, internal fraud and payments fraud, as well as decreasing the cost of regulatory compliance. Case management capabilities centralize risk management, speed investigations, and facilitate compliance with regulations pertaining to Anti Money Laundering (AML), the Health Insurance Portability and Accountability Act (HIPAA) and Know Your Customer (KYC).

Payment and Document Automation

Our payment automation solutions generate a wide variety of domestic and international payment instructions along with consolidated bank reporting of cash activity. Our web fraud and security module is designed to identify and track fraudulent activity that occurs in a customer's platform. Our solutions reduce administrative expenses and strengthen compliance and anti-fraud controls. Users are able to gather and access data via the web related to payment and bank account information, including account totals and detailed transaction data, providing improved workflow, financial reporting and bank communications.

Our cloud-based PT-X payments and collections solutions offers organizations of any size simple, secure and efficient ways to pay and get paid. The PT-X solutions cover essential UK ACH payment types including Bacs Direct Credit, Direct Debit, Faster Payments and Check production, with easy-to-use management tools for accounts payable and accounts receivable departments and financial document flows. The solutions also take advantage of the latest UK open banking initiatives providing customers, partners and banks with an innovative payments and collections

platform that keeps pace with industry change.

To augment financial document workflow and delivery, we also offer a number of solutions designed to automate a wide variety of business documents and supply chain processes as well as a related web-based delivery and document archive. Our products offer advanced design, output formatting and delivery capabilities to replace paper-based forms, as well as automating the labor-intensive accounts payable processing of invoices.

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Healthcare Solutions

We offer solutions for patient registration, electronic signature, mobile document and payments for healthcare organizations to improve business efficiency, reduce costs and improve care quality. Our solutions are utilized across the acute care hospital enterprise and broader healthcare systems, accelerating the paper-to-electronic transition while helping our customers streamline data flows.

We also offer a cyber fraud and risk management solution designed specifically to provide privacy and data security for healthcare organizations, enabling them to better protect themselves and their patients' data from the growing threat posed by the misuse of valid user credentials. The use of user behavior analytics, profiling and a risk scoring engine allows healthcare organizations to detect user behavior changes and receive alerts in real-time.

Professional Services

Our teams of service professionals draw on extensive payments experience to provide consulting, project implementation and training services. By easing the implementation of our products, these services help our customers accelerate the time to value. By improving the overall customer experience, these services help us retain customers and drive future revenue-generating arrangements from existing customers.

Our Customers

Our customers are in industries such as banking, financial services, insurance, healthcare, technology, retail, communications, education, media, manufacturing and government. Our customers include leading organizations such as Bank of America Merrill Lynch, Berkley Risk Administrators, British Telecommunications plc., Capital One, Cedars-Sinai, CIBC, Cigna Corporation, Citizens Bank, Cleveland Clinic, Deutsche Bank, Franklin Templeton Investments, Fidelity Investments, HCA Healthcare, HSBC, Johnson Controls, Inc., JPMorgan Chase, Lloyds Bank, Metro Bank, Regions Financial Corporation, Santander Bank, Starling Bank, State Farm Insurance, Tesco Stores Ltd., The Hartford, Vodafone and Zurich American Insurance Company.

Our Competition

The markets in which we participate are highly competitive. We believe our ability to compete depends on factors within and beyond our control, including:

our ability to develop new, innovative and feature-rich technology solutions that meet the evolving needs of our customers and the shifting dynamics of the markets we participate in;

our ability to attract and retain employees with the requisite domain knowledge and technical skill set necessary to develop and support our products;

the performance, reliability, features, ease-of-use and price of our offerings as compared to competitor alternatives;

our industry knowledge and expertise;

the execution of our sales and services organizations; and

the timing and market acceptance of new products as well as enhancements to existing products, by us and by our current and future competitors.

For our settlement network solutions, our principal competitors include AvidXchange, US Bank Payments Plus, CSI Enterprises, C2FO, Bill.com, MineralTree, Inc. and combined card and ACH Solutions from JPMorgan Chase, Wells Fargo, Finastra, Eastnets and SWIFT.

For our banking solutions and cash management solutions, we primarily compete with companies such as ACI Worldwide, Fiserv, FIS, Q2, Jack Henry, Backbase, NCR, MeridianLink and Polaris, which offer a wide range of financial services, including electronic banking applications. We also encounter competition in our banking solution customer acquisition offerings from MeridianLink and Finastra.

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For our legal spend management solutions, we compete with a number of companies, including Wolters Kluwer ELM Solutions, LexisNexis, Mitratach, Quovant and DXC Legal Solutions.

For our cyber fraud and risk management products, we primarily compete with NICE Actimize, Norkom, SAS, Guardian Analytics and FairWarning.

For our healthcare solutions, our primary competitors are Access, FairWarning, FormFast, Iatric Systems, Protenus and Taylor Communications.

Our payment and document automation products compete primarily with companies that provide solutions to create, publish, manage and archive electronic documents and companies that offer payments software and services. We also compete with providers of enterprise resource planning (ERP) solutions and providers of traditional payment products.

Although we believe that we compete favorably in each of the markets in which we participate, the markets for our products and services are intensely competitive and characterized by rapid technological change and a number of factors could adversely affect our ability to compete in the future, including those discussed in Item 1A. Risk Factors.

Our Segments

Operating segments are the components of our business for which separate financial information is available that is evaluated regularly by the chief operating decision maker in deciding how to allocate resources and in assessing performance. Our chief operating decision maker is our chief executive officer. Our operating segments are generally organized by the type of product or service offered and by geography.

Similar operating segments have been aggregated into four reportable segments as follows:

Cloud Solutions. Our Cloud Solutions segment provides customers predominately with SaaS technology offerings that facilitate electronic payment, electronic invoicing, and spend management. Our legal spend management solutions, which enable customers to create more efficient processes for managing invoices generated by outside law firms while offering insight into important legal spend factors such as expense monitoring and outside counsel performance, are included within this segment. This segment also incorporates our settlement network solutions (financial messaging and Paymode-X). Our settlement network solutions are highly scalable, secure and cost effective and facilitate cash payment and transaction settlement between businesses, their vendors and banks. Revenue within this segment is generally recognized on a subscription or transaction basis or ratably over the estimated life of the customer relationship.

Banking Solutions. Our Banking Solutions segment provides solutions that are specifically designed for banking and financial institution customers. Our Banking Solutions products are now sold predominantly on a subscription basis, which has the effect of contributing to recurring subscription and transaction revenue and the revenue predictability of future periods, but which also delays revenue recognition over a longer period.

Payments and Transactional Documents. Our Payments and Transactional Documents segment supplies financial business process management software solutions, including making and collecting payments, sending and receiving invoices, and generating and storing business documents. This segment also provides a range of standard professional services and equipment and supplies that complement and enhance our core software products. Revenue associated with these products and services is typically recorded upon delivery. However, if we license products on a subscription basis, revenue is typically recorded ratably over the subscription period or the expected life of the customer relationship.

Other. Our Other segment consists of our healthcare and cyber fraud and risk management operating segments. In our cyber fraud and risk management operating segment, our privacy and data security solution non-invasively monitors, replays and analyzes user behavior to flag and even stop suspicious activity in real time. Our healthcare solutions for patient registration, electronic signature, mobile document and payments allow healthcare organizations to improve business efficiencies, reduce costs and improve care quality. When licensed on a perpetual license basis, software revenue for our cyber fraud and risk management and healthcare

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products is typically recorded upon delivery, with software maintenance revenue recorded ratably over a twelve-month period. When licensed on a subscription basis, revenue is normally recorded ratably over the subscription period.

Please refer to *Note 15. Operations by Segments and Geographic Areas* to our consolidated financial statements included in Item 8 of this Annual Report in Form 10-K for further details regarding our operating segment results.

Financial Information About Geographic Areas

A significant percentage of our revenues are generated by our international operations and our future growth rates and success are in part dependent on continued growth and success in international markets. As is the case with most international operations, the success and profitability of these operations is subject to numerous risks and uncertainties including exchange rate fluctuations. We do not currently hedge against exchange rate fluctuations. A number of other factors could also have a negative effect on our business and results from operations outside the U.S., including different regulatory and industry standards and certification requirements, reduced protection for intellectual property rights in some countries, import or export licensing requirements, the complexities of foreign tax jurisdictions and difficulties and costs of staffing and managing our foreign operations.

Please refer to *Note 15. Operations by Segments and Geographic Areas* to our consolidated financial statements included in Item 8 of this Annual Report in Form 10-K for further details regarding our financial information about geographic areas.

Sales and Marketing

As of June 30, 2018, we employed 342 sales and marketing employees worldwide, of whom 196 were focused on North American markets, 115 were focused on the United Kingdom and continental Europe markets and 31 were focused on Asia-Pacific and Middle East markets. We market and sell our products directly through our sales force and indirectly through a variety of channel partners and reseller relationships. We market and sell our products domestically and internationally, with an international focus on the United Kingdom and continental Europe. We also maintain an inside sales group which provides a cost effective channel into maintaining existing customers and expanding our customer base.

Product Development and Engineering

Our product development and engineering organization includes employees as well as strategic development partners who provide a flexible supplement to our internal resources. We have three primary development groups: product design and user experience, software engineering and quality assurance. We expensed \$57.3 million, \$53.0 million and \$47.4 million in product development and engineering costs in fiscal years 2018, 2017 and 2016, respectively. In fiscal year 2019 we expect product development and engineering costs to increase as we continue to enhance our products and develop new, innovative, feature-rich solutions.

Our product design and user experience team is extensively involved in the design of all of our products, driving the user-centered design process to ensure elegant, engaging and easy-to-use products. Part of this process is user experience testing that is conducted to provide additional productivity gains for the end user.

Our software engineers have substantial experience in advanced software development techniques as well as extensive knowledge of the complex processes involved in business document workflow, cash management, payment and invoicing applications. They maintain extensive knowledge of software development trends and best practices. Our

technology focuses on providing business solutions utilizing industry standards, providing a path for extendibility and scalability of our products. Security, control and fraud prevention, as well as performance, data management and resource efficiencies are priorities in the technology we develop and deploy.

Our quality assurance engineers have extensive knowledge of our products and expertise in software quality assurance techniques. The quality assurance team participates in all phases of our product development

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processes. Members of the quality assurance group make use of both manual and automated software testing techniques to ensure high-quality software is being delivered to our customers. The quality assurance group members participate in alpha and beta releases, testing of new product releases and performance and security testing for our products.

Proprietary Rights

We use a combination of patents, copyrights, trademarks and trade secret laws to help establish and protect our proprietary rights in our technology and products. During fiscal year 2018, we added 2 patents to our portfolio. In total, we currently hold 33 U.S. patents as well as 9 foreign equivalent patents in Europe, Israel and India. We expect to receive other patents, as we have 8 applications pending before the U.S. Patent and Trademark Office. The earliest year of expiration of any of our remaining patents is 2019.

We intend to continue to file patent applications as we identify patentable technology. There can be no assurance, however, that our existing patent applications, or any others that we may file in the future, will issue or will be of sufficient scope and strength to provide meaningful protection of our technology or any commercial advantage to us, or that the issued patents will not be challenged, invalidated or circumvented. In addition, we rely upon a combination of copyright and trademark laws and non-disclosure and other intellectual property contractual arrangements to help protect our proprietary rights. Given the rapidly changing nature of the industry's technology, the creative abilities of our development, marketing and service personnel may be as or more important to our competitive position as are the legal protections and rights afforded by patents. We also enter into agreements with our employees and clients that seek to limit and protect our intellectual property and the distribution of proprietary information. However, there can be no assurance that the steps we have taken to protect our intellectual property will be adequate to deter misappropriation of proprietary information, and we may not be able to detect unauthorized use and take appropriate steps to enforce our proprietary rights.

Government Regulation

Our U.S. chartered financial institution customers are federally regulated by either the Federal Reserve (FED), the Federal Deposit Insurance Corporation (FDIC), the Office of the Comptroller of the Currency (OCC), the National Credit Union Association (NCUA) or the Consumer Financial Protection Bureau (CFPB). Our non U.S. based financial institution customers are normally subject to a similar regulatory oversight within their respective country of domicile. We are subject to periodic examination by the Federal Financial Institutions Examination Council (FFIEC) interagency in our capacity as a technical financial service provider, during which our operating practices are risk-assessed and compared against applicable laws and regulations. If we, as part of such an examination, were to receive a material unfavorable regulatory rating, our customers may be advised by their direct federal regulators to reassess their commercial relationships with us, including the continued use of our products.

Each of our operating segments provides services and/or products that may be subject to various federal, state or foreign laws or regulations, particularly in the area of data security and privacy. These laws and regulations govern the collection, processing, storage, use and disclosure of personal information as well as notification requirements in the event of security breaches. The legal and regulatory framework in these areas is complex and continually evolving, particularly with respect to data security, payment technology and payment methodologies. We may become subject to new or increased regulation in the future, and the cost of complying with current or future regulatory requirements could exceed our estimates. Our products and services must be designed to work effectively within this legal framework.

Employees

As of June 30, 2018, we had approximately 1,700 full-time employees. None of our employees are represented by a labor union. We have not experienced any work stoppages and we believe that employee relationships are good. Our future success will depend in part on our continued ability to attract, retain and motivate highly-qualified technical and managerial personnel in a highly competitive market.

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Our executive officers and other key employees and their respective ages as of August 29, 2018, are as follows:

Name	Age	Positions
Robert A. Eberle	57	President, Chief Executive Officer and Director
Richard D. Booth	49	Chief Financial Officer and Treasurer
Norman J. DeLuca	58	Managing Director, Banking Solutions
Paul J. Fannon	50	Deputy Managing Director, EMEA
John F. Kelly	61	General Manager, Legal Solutions
Stephanie B. Lucey	44	Chief People Officer
John J. Mason	48	Chief Information Officer
Brian S. McLaughlin	54	Chief Experience Officer
Andrew J. Mintzer	56	Executive Vice President, Product Strategy and Customer Delivery
Jessica Pincomb Moran	44	General Manager, Paymode-X Business Solutions
Eric K. Morgan	48	Executive Vice President, Global Controller
Christine M. Nurnberger	39	Chief Marketing Officer
Nigel K. Savory	51	Managing Director, Europe
David G. Sweet	55	Executive Vice President, Strategy and Corporate Development

Robert A. Eberle has served as a director since September 2000, as President since August 2004 and as Chief Executive Officer since November 2006.

Richard D. Booth has served as Chief Financial Officer and Treasurer since April 2015. Mr. Booth served as Vice President and Corporate Controller at Sapient Corporation from January 2014 to March 2015. From November 2012 through January 2014, Mr. Booth served as Vice President Financial Planning and Analysis at Nuance Communications and as Vice President and Assistant Corporate Controller from July 2009 through November 2012.

Norman J. DeLuca has served as Managing Director, Banking Solutions since November 2011. From October 2009 through October 2011, Mr. DeLuca served as Managing Partner at NMD Investments. From January 2008 through October 2009, Mr. DeLuca served as Chief Executive of RBS Global Transaction Services, Americas. From January 2007 through January 2008, Mr. DeLuca served as Vice Chairman, RBS Citizens Financial Group.

Paul J. Fannon has served as Deputy Managing Director, EMEA, since February 2018. From October 2008 through January 2018, Mr. Fannon served as Group Sales Director, Europe.

John F. Kelly has served as General Manager, Legal Solutions since April 2011. From January 2006 through April 2011, Mr. Kelly served as Chief Executive Officer of Allegient Systems, Inc.

Stephanie B. Lucey has served as Chief People Officer since April 2018. From November 2016 through April 2018, Ms. Lucey served as Senior Vice President of Human Resources at Clicksoftware. From August 2015 through November 2016, Ms. Lucey served as Vice President of Human Resources at Everbridge. From March 2014 through August 2015, Ms. Lucey served as Head of HR at Vistaprint. From July 2012 through March 2014, Ms. Lucey served as Senior Director of Business Partnerships at Vistaprint.

John J. Mason has served as Chief Information Officer since June 2010. From March 2009 through June 2010, Mr. Mason served as Vice President of Information Technology at Anacomp, Inc.

Brian S. McLaughlin has served as Chief Experience Officer since November 2016 and as Vice President of Product Design and User Experience from February 2011 through October 2016. From 2009 through February 2011, Mr. McLaughlin served as Director of User Experience at CashStar, Inc.

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Andrew J. Mintzer has served as Executive Vice President, Product Strategy and Delivery since July 2013 and as Senior Vice President, Product Strategy and Delivery from November 2007 through June 2013.

Jessica Pincomb Moran has served as General Manager, Paymode-X Business Solutions since June 2015 and Vice President, Client Services from June 2011 through May 2015. From February 2008 through May 2011, Ms. Moran served as Vice President, Corporate Services.

Eric K. Morgan has served as Controller since September 2000.

Christine M. Nurnberger has served as Chief Marketing Officer since September 2014. Ms. Nurnberger served as Vice President, Marketing for SunGard Availability Services from January 2012 until August 2014 and as Vice President, Global Marketing Operations for Info Global Solutions from November 2005 until January 2012.

Nigel K. Savory has served as Managing Director, Europe since December 2003.

David G. Sweet has served as Executive Vice President, Strategy and Corporate Development since March 2013. From October 2010 through October 2012, Mr. Sweet served as a strategy and business development executive for IBM's Enterprise Marketing Management group. From April 2005 through October 2010, Mr. Sweet served as Senior Vice President of Corporate Development at Unica Corporation.

Item 1A. Risk Factors.

Investing in our common stock involves a high degree of risk. The discussion below addresses the most significant factors, of which we are currently aware, that could affect our business, operating results and financial condition. You should carefully consider the risks and uncertainties described below before making an investment decision involving our common stock. The risks and uncertainties described below are not the only ones facing us. Additional risks and uncertainties may also impact our business operations.

If any of the following risks actually occur, our business, financial condition or results of operations would likely suffer. In that case, the trading price of our common stock could fall, and you may lose all or part of the money you paid to buy our common stock.

Risks Related To Owning Our Common Stock

Our common stock has experienced and may continue to undergo significant market price fluctuations

The market price of our common stock has recently experienced and may continue to experience significant fluctuations due to a variety of factors, including:

general and industry-specific business, economic and market conditions;

actual or anticipated fluctuations in our operating results;

changes in or our failure to meet analysts' or investors' estimates or expectations;

public announcements concerning us, our competitors or our industry;

acquisitions, divestitures, strategic partnerships, joint ventures, or capital commitments by us or our competitors;

adverse developments in patent or other proprietary rights; and

announcements of technological innovations by our competitors.

If our revenues are below anticipated levels or if our operating results are below analyst or investor expectations, the market price of our common stock could be adversely affected

A significant percentage of our expenses, particularly personnel and facilities costs, are relatively fixed and based in part on anticipated revenue levels which can be difficult to predict. A decline in revenues without a

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corresponding and timely slowdown in expense growth could adversely affect our business. Significant revenue shortfalls in any quarter may cause significant declines in operating results since we may be unable to reduce spending in a timely manner.

Quarterly or annual operating results that are below the expectations of public market analysts could adversely affect the market price of our common stock. Factors that could cause fluctuations in our operating results include:

a change in customer demand for our products, which is highly dependent on our ability to continue to offer innovative technology solutions in very competitive markets;

the timing of customer orders;

the timing of product implementations, which are highly dependent on customers' resources and discretion;

overall economic conditions, which may affect our customers' and potential customers' budgets for information technology expenditures;

foreign exchange rate volatility, which can have a significant effect on our total revenues and costs when our foreign operations are translated to U.S. dollars;

the incurrence of costs relating to the integration of software products and operations in connection with acquisitions of technologies or businesses; and

the timing and market acceptance of new products or product enhancements by either us or our competitors.

Our mix of products and services could have a significant effect on our results of operations and the market price of our common stock

The gross margins for our products and services vary considerably. Our software license and maintenance revenues generally yield significantly higher gross margins than do our subscriptions and transactions, professional services and other revenue streams. If our higher margin revenues or our recurring revenues significantly decline in any future period, or if the mix of our products and services in any given period does not match our expectations, our results of operations and the market price of our common stock could be significantly adversely affected.

Risks Related To Our Business

The markets in which we compete are extremely competitive and we may not be able to compete effectively

The markets in which we compete are intensely competitive and characterized by rapid technological change. There is no assurance that we will be able to maintain our current market share or our customer base.

We compete with a wide range of companies ranging from small start-up enterprises with limited resources, which we compete with principally on the basis of technology features or specific customer relationships, to large companies which can leverage significantly larger customer bases and greater financial resources. Many of our competitors have longer operating histories, significantly greater financial, technical, and sales and marketing resources, greater brand recognition and a larger customer base than we do. We anticipate that the markets in which we compete will continue to attract new competitors and new technologies and we may not be able to compete successfully with them.

To compete successfully, we need to maintain a successful research and development function. If we fail to enhance our current products and develop new, innovative solutions or if we fail to bring new solutions to market quickly enough, our products could become less competitive or obsolete.

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We continue to make significant investments in our existing products and our new product offerings, which may adversely affect our operating results or may not be successful

Given the highly competitive and rapidly evolving technology environment we operate within, we believe that it is important to constantly enhance our existing product offerings as well as to develop new product offerings to meet strategic opportunities as they evolve. This includes developing and enhancing our products to include what we believe is necessary to meet the future needs of our customers.

Our operating results have been affected by increases in product development expenses in recent years as we have continued to make investments in a number of our products, and as we have funded new product innovation based on the market opportunities we see. We expect to continue to make investments in product innovation and we may at any time, based on product need or marketplace demand, decide to significantly increase our product development expenditures in any of our products.

Investments in existing products and new product offerings can have a negative impact on our operating results, and any new product enhancement or offering may not be accepted in the marketplace or generate material revenues for us.

Acquisitions could disrupt our business and harm our financial condition

An active acquisition program has been an important element of our corporate strategy. We have been an acquisitive company historically, and we expect to continue to make acquisitions in the future. Any acquisition or strategic investment we have made or may make in the future may entail numerous risks, including the following:

difficulties integrating acquired operations, personnel, technologies or products;

entrance into markets and operating geographies in which we have no or limited prior experience or knowledge;

failure to realize anticipated revenue increases for any number of reasons, including if a larger than expected number of acquired customers decline to renew software maintenance contracts or subscription based contracts, if we are unsuccessful in selling the acquired products into our existing customer base or if the terms of the acquired contracts do not permit us to recognize revenue on a timely basis;

costs incurred to combine the operations of companies we acquire, such as integration costs, transitional employee expenses and employee retention or relocation expenses, may be higher than expected;

write-offs related to existing or acquired assets such as deferred tax assets, goodwill or other intangible assets;

inability to retain key personnel of the acquired company;

inadequacy of existing operating, financial and management information systems to support the combined organization, including the difficulty in integrating an acquired company's accounting, financial reporting and other administrative systems to permit effective management;

difficulties implementing controls, procedures and policies appropriate for a public company at companies that, prior to the acquisition, may have lacked such controls, policies and procedures;

in the case of foreign acquisitions, challenges integrating operations across different cultures and languages and addressing the particular regulatory, economic, currency and political risks associated with different countries or regions;

diversion of management's focus from our core business concerns;

dilution to existing stockholders and our earnings per share;

incurrence of substantial debt;

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exposure to litigation from third parties, including claims related to intellectual property or other assets acquired or liabilities assumed; and

failure to realize anticipated benefits of the acquisition due to the above factors or other factors.

There can be no assurance that our acquired businesses will fully integrate successfully or that all future potential benefits will be realized. Any such difficulties encountered as a result of any merger, acquisition or strategic investment could have a material adverse effect on our business, operating results and financial condition.

As a result of our acquisitions, we could be subject to significant future write-offs with respect to intangible assets, which may adversely affect our future operating results

The carrying value of our intangible assets, including goodwill, represented 57% of our total assets at June 30, 2018. We periodically review our goodwill and our other intangible assets for impairment and could, in any future period, be subject to impairment charges with respect to these assets or intangible assets arising as a result of acquisitions in future periods. Any such charges, to the extent occurring, would likely have a material adverse effect on our operating results.

We face risks associated with our international operations that could harm our financial condition and results of operations

A significant percentage of our revenues have been generated by our international operations, and our future growth rates and success are in part dependent on our continued growth and success in international markets. As is the case with most international operations, the success and profitability of these operations are subject to numerous risks and uncertainties that include, in addition to the risks our business as a whole faces, the following:

currency exchange rate fluctuations, particularly with the British Pound Sterling, the Swiss Franc, the European Euro and the Israeli Shekel;

difficulties and costs of staffing and managing foreign operations;

differing regulatory and industry standards and certification requirements;

the complexities of tax laws in foreign jurisdictions;

the complexities of foreign data privacy laws and regulations;

the complexities of various sanctions regimes and related commercial restrictions;

reduced protection for intellectual property rights in some countries; and import or export licensing requirements.

Weakness or deterioration in domestic and global economic conditions could have a significant adverse impact on our business, financial condition and operating results

Our business, financial condition and operating results are significantly affected by general economic conditions. The U.S. and global economies have experienced deterioration in the recent past. Economic weakness or any downturn in the U.S. or global economies could result in a variety of risks to our business, including:

increased volatility in our stock price;

increased volatility in foreign currency exchange rates;

delays in, or curtailment of, purchasing decisions by our customers or potential customers either as a result of continuing economic uncertainty or as a result of their inability to access the liquidity necessary to engage in purchasing initiatives;

pricing pressures for our products and services, including reductions in the duration or renewal rates for our subscription contracts and software maintenance contracts;

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increased credit risk associated with our customers or potential customers, particularly those that may operate in industries or geographic regions most affected by the economic downturn; and

impairment of our goodwill or other assets.

To the extent that economic conditions become uncertain or deteriorate, or any of the above risks occur, our business and operating results could be significantly and adversely affected.

The formal notification by the UK of its intention to withdraw from the European Union (EU) (referred to as Brexit), could create disruption and uncertainty to our business, including our relationships with our existing and future customers, suppliers and employees, which could have an adverse effect on our business, financial results and operations

In connection with Brexit, the British government is negotiating the future terms of the UK's relationship with the EU, including the terms of trade between the UK and the EU. The ultimate effects of Brexit will depend on any agreements the UK makes to retain access to EU markets either during a transitional period or more permanently. The measures could potentially disrupt the markets we serve and the tax jurisdictions in which we operate. In addition, Brexit could lead to legal uncertainty and potentially divergent national laws and regulations as the UK determines which EU laws to replace or replicate. Remaining EU member countries may also seek to make it more difficult for our UK subsidiary to trade effectively or competitively in those regions.

We are subject to the political, economic and security conditions in Israel

We have a subsidiary headquartered in Tel Aviv, Israel. Since the establishment of the State of Israel, a number of armed conflicts have taken place between Israel and its neighbors. In the past, Israel has experienced periodic armed conflicts which at times have disrupted day-to-day civilian activity in Israel.

There can be no assurance that future conflicts will not occur and that such conflicts will not affect our premises or major infrastructure and transport facilities in the country, which could have an adverse effect on our ability to conduct business in Israel. In addition, acts of terrorism, armed conflicts or political instability in the region could negatively affect global as well as local economic conditions and adversely impact our operating results.

Our business and operating results are subject to fluctuations in foreign currency exchange rates

We conduct a substantial portion of our operations outside of the U.S., principally in the United Kingdom and in continental Europe and, to a lesser extent, in the Asia-Pacific and Middle East regions. During the twelve months ended June 30, 2018, approximately 39% of our revenues and 41% of our operating expenses were attributable to customers or operations located outside of North America. During the twelve months ended June 30, 2018 as compared to the twelve months ended June 30, 2017, the foreign currency exchange rates of the U.S. Dollar to the British Pound Sterling decreased. Future appreciation of the U.S. Dollar against the foreign currencies in which our international operations are denominated will have the impact of reducing both our revenues and operating expenses associated with our operations in those regions.

We may have larger than anticipated tax liabilities

The determination of our provision for income taxes requires significant judgment and estimation and there are transactions and calculations where the ultimate tax determination is uncertain. We are subject to tax in multiple U.S. and foreign tax jurisdictions and the determination of our tax liability is always subject to audit and review by the

applicable domestic or foreign taxing authority. In light of fiscal challenges in U.S. federal and state governments and in many international locations, taxing authorities are increasingly focused on ways to increase revenues which may make resolving tax disputes more difficult. We are regularly under audit by tax authorities in different jurisdictions. While we have established tax reserves using assumptions and estimates that we believe to be reasonable, these reserves may prove insufficient in the event that a taxing authority asserts a tax position that is contrary to our position.

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Our future financial results will be affected by our success in continuing to sell our products in a subscription and transaction model, which carries with it certain risks

A substantial portion of our revenues and profitability were historically generated from perpetual software license revenues; however, we continue to offer a growing number of products under a subscription and transaction based revenue model. We believe a subscription based revenue model has certain advantages over a perpetual license model, including better predictability of revenue; however, it also presents a number of risks to us including the following:

arrangements entered into on a subscription basis generally delay the timing of revenue recognition and can require the incurrence of up-front costs, which may be significant;

subscription based revenue arrangements often include specific performance requirements or service levels that we may be unable to consistently achieve, subjecting us to penalties or other costs. A material breach of these arrangements by us, such as a persistent failure to achieve required service levels, might permit the customer to exit the contract prior to its expiration, without additional compensation to us;

customer retention is critical to our future growth rates. Customers in a subscription arrangement may elect not to renew their contract upon expiration, or they may attempt to renegotiate pricing or other contractual terms at the point of (or prior to) renewal on terms that are less favorable to us; and

there is no assurance that the solutions we offer on a subscription basis, including new revenue models or new products that we may introduce, will receive broad marketplace acceptance.

Because we recognize subscription revenue from our customers over the term of their agreements, downturns or upturns in sales of our subscription based offerings will not be immediately reflected in our operating results and may adversely affect revenue in the future

We recognize subscription revenue over the term of our customer agreements. As a result, most of our subscription revenue arises from agreements entered into during previous periods. A shortfall in orders for our subscription based solutions in any one period would most likely not significantly reduce our subscription revenue for that period, but could adversely affect the revenue contribution in future periods. In addition, we may be unable to quickly reduce our cost structure in response to a decrease in these orders. Accordingly, the effect of downturns in sales of our subscription based solutions will not be fully reflected in our operating results until future periods. A subscription revenue model also makes it difficult for us to rapidly increase our revenue through additional subscription sales in any one period, as revenue is generally recognized over a longer period.

If our products and services do not comply with laws, regulations and industry standards to which we and our customers are subject, our business could be adversely affected

Our software products and SaaS offerings facilitate the transmission of cash, business documents and confidential information including, in some cases, personally identifiable information related to individuals and corporations. Our software products and certain of our SaaS offerings store and transmit this data electronically, and therefore our products must operate within the laws, regulations and industry standards regarding security, data protection and electronic commerce. There has been an increased global regulatory focus on privacy issues with respect to the

handling of personal information, such as the European Union's General Data Protection Regulation. While we believe that our products comply with current regulatory requirements, the interpretation and application of these requirements continues to evolve and may evolve in ways that we cannot predict; so there can be no assurance that future legal or regulatory actions will not adversely impact us. To the extent that current or future regulatory or legal developments mandate a change in any of our products or services, require us or our customers to comply with any industry specific licensing or compliance requirements, alter the demand for or the competitive environment of our products and services or require us to make material changes to how we operate our business, including any changes to our internal operating, financial or management information systems, we might not be able to respond to such requirements in a timely or cost effective manner. If this were to occur, our business, operating results and financial condition could be materially adversely affected.

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Failure to comply with the regulations provided by the Financial Conduct Authority (FCA) for certain of our UK operations could adversely impact our business

First Capital Cashflow Ltd., which we acquired in October 2017, is subject to the regulatory framework of the FCA. This component of our operations involves holding and disbursing client funds. The FCA has significant enforcement authority which includes, but is not limited to, withdrawing an organization's authorization, issuing fines and suspending firms from carrying out regulated activities. While we believe we have appropriate controls and procedures around these operations, any failure to comply with FCA requirements may result in disciplinary actions that could have a material adverse effect on our business, operating results and financial condition.

Security or data breaches could have an adverse effect on our business

In the course of providing services to our customers we collect, store, process and transmit highly sensitive and confidential information. We rely on our employees and certain third parties in our current operations who may, as a result of human error or misconduct, expose us to operational risk. Certain of our solutions also facilitate the actual transfer of cash or transmit instructions that initiate cash transfer. Our products and services, particularly our SaaS and Web-based offerings, may be vulnerable to unauthorized access, computer viruses, cyber-attacks, distributed denial of service attacks and other disruptive problems, which could result in the theft, destruction or misappropriation of confidential information. Security risks in recent years have increased significantly given the increased sophistication and activities of hackers, organized crime, including state-sponsored organizations and nation-states, and other external parties. Cyber threats are continuously evolving, increasing the difficulty of defending against them. Breaches of our network could disrupt our internal systems and business applications, including services provided to our customers. Additionally, data breaches could compromise technical and proprietary information, harming our competitive position. We may need to spend significant capital or allocate significant resources to ensure effective ongoing protection against the threat of security breaches or to address security related concerns. Despite our efforts, a security breach or computer virus could still occur, which could have a significant negative impact on our business, including reputational harm, the loss of customers and material financial liability to us.

Defects or disruptions in our products or services could diminish demand for our solutions and have a material adverse effect on our future financial results

Our software products are complex. Despite testing prior to their release and throughout the lifecycle of a product or service, software and SaaS offerings often contain undetected errors or defects that can impact their function, performance and security. Any unanticipated performance problems or defects in our products or services could result in additional development costs, diversion of technical and other resources from our other development efforts, service disruptions for our SaaS offerings, negative publicity and reputational harm to us and our products and exposure to potential liability claims. As a result, any error or defect in our products or services could adversely affect our future financial results.

The failure of our cyber fraud and risk management products to prevent a security breach or detect cyber fraud, or the failure of our customers to take action based on the risks identified by these products, could harm our reputation and adversely impact our operating results

Our cyber fraud and risk management products provide our customers the ability to configure a multitude of settings and establish certain rule-based alerts, and it is possible that a customer could misconfigure these products or fail to configure these products in an optimal manner, which could cause threats to go undetected. Similarly, if our cyber fraud and risk management products detect threats or otherwise alert a customer to suspicious activity but the customer does not take action to investigate those threats or alerts, customers may erroneously believe that our

products were not effective.

Any real or perceived defects, errors or vulnerabilities in our cyber fraud and risk management products or any failure of these products to prevent, detect or alert a customer to a threat could result in:

a loss of customers or potential customers;

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delayed or lost revenue and harm to our financial condition and results of operations;

a delay in attaining, or the failure to attain, market acceptance for our cyber fraud and risk management solutions;

an increase in warranty claims;

harm to our reputation; or

litigation, regulatory inquiries or investigations that may be expensive and that would further harm our reputation.

We rely on certain third-party hardware and software which could cause errors, interruptions or failures to our solutions or be difficult to replace

We rely on third party hardware and software to deliver certain of our solutions. These third party products may not continue to be available to us on commercially reasonable terms, or at all. The loss of the right to use any of these products could result in delays in our ability to provide our solutions until equivalent technology is either developed by us or acquired from another third party, if available, which may not be possible on a cost-effective basis. In addition, errors or defects in third-party products used in conjunction with our solutions could adversely affect the operation of our products.

Catastrophic events may disrupt our business, including our third party data centers

We are a highly-automated business and we rely on our network infrastructure, various software applications and many internal technology systems and data networks for our customer support, development, sales and marketing and accounting and finance functions. Further, our SaaS offerings provide services to our customers from third party data center facilities in different U.S. and international locations over which we have no control. A disruption or failure of these systems or data centers in the event of a natural disaster, telecommunications failure, power outage, cyber-attack, war, terrorist attack, or other catastrophic event could cause system interruptions, reputational harm, delays in product development, breaches of data security and loss of critical data. Such an event could also prevent us from fulfilling customer orders or maintaining certain service level requirements, particularly in respect of our SaaS offerings. While we have developed certain disaster recovery plans and maintain backup systems to reduce the potentially adverse effect of such events, a catastrophic event that resulted in the destruction or disruption of any of our data centers or our critical business or information technology systems could severely affect our ability to conduct normal business operations and, as a result, our business, operating results and financial condition could be adversely affected.

We could incur substantial costs resulting from warranty claims or product liability claims

Our product agreements typically contain provisions that afford customers a degree of warranty protection in the event that our products fail to conform to written specifications. These agreements normally contain provisions intended to limit the nature and extent of our risk of warranty and product liability claims. A court, however, might interpret these terms in a limited way or conclude that part or all of these terms are unenforceable. Furthermore, some of our agreements are governed by non-U.S. law, and there is a risk that foreign law might provide us less or different

protection. While we maintain general liability insurance, including coverage for errors and omissions, we cannot be sure that our existing coverage will continue to be available on reasonable terms or will be available in amounts sufficient to cover one or more large claims.

A warranty or product liability claim, whether or not meritorious, could harm our reputation, result in substantial financial costs or divert management's attention, which could have an adverse effect on our business, operating results and financial condition.

We could be adversely affected if we are unable to protect our proprietary technology and could be subject to litigation regarding intellectual property rights, which could cause serious harm to our business

We rely upon a combination of patent, copyright and trademark laws and non-disclosure and other intellectual property contractual arrangements to protect our proprietary rights. However, there is no assurance

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that our patents, pending applications for patents that may issue in the future, or other intellectual property will be of sufficient scope and strength to provide meaningful protection for our technology or any commercial advantage to us. Further, we cannot be certain that our patents will not be challenged, invalidated or circumvented. We enter into agreements with our employees and customers that seek to limit and protect the distribution of proprietary information. Despite our efforts to safeguard and maintain our proprietary rights, there is no assurance that such rights will remain protected or that we will be able to detect unauthorized use and take appropriate steps to enforce our intellectual property rights.

Litigation involving patents and other intellectual property rights is common in the United States and in other countries where we operate. We may be a party to litigation in the future to protect our intellectual property rights or as a result of an alleged infringement of the intellectual property rights of others. Any such claims, whether or not meritorious, could result in reputational harm to us, require us to spend significant sums in litigation costs or damages, delay product implementations, or require us to develop non-infringing intellectual property or acquire licenses to intellectual property that is the subject of the infringement claim. In addition, under many of our customer contracts, we are required to indemnify our customers for third-party intellectual property infringement claims, which would increase the costs to us of any such claims. These claims could have a material adverse effect on our business, operating results and financial condition.

Our ability to attract and retain qualified employees is critical to the success of our business and failure to do so could adversely affect our operating results

Our success depends upon the efforts and abilities of our executive officers and technical and sales employees who are skilled in e-commerce, payment methodology and regulation, business banking technologies, and web, database and network technologies. Our success and future growth depends to a significant degree on the skills and continued services of our management team. Our current key employees and employees whom we seek to hire in order to support our growth are in high demand within the marketplace. The loss of one or more of our key employees or our failure to consistently attract and retain sufficient qualified employees to grow our operations could have a material adverse effect on our business. We do not maintain key man life insurance policies on any of our employees and our employees are generally free to terminate their employment with us at any time. The loss of the services of any of our executive officers or other key employees could have a material adverse effect on our business, operating results and financial condition.

We engage off-shore development resources which may not be successful and which may put our intellectual property at risk

In order to optimize our research and development capabilities and to meet development timeframes, we contract with off-shore third-party vendors for certain development activities. While our experience to date with these resources has been positive, there are a number of risks associated with off-shore development activities including:

- less efficient and less accurate communication and information flow as a consequence of time, distance and language barriers between our primary development organization and the off-shore resources, resulting in delays or deficiencies in development efforts;

- disruption due to political or military conflicts;

misappropriation of intellectual property, which we may not readily detect; and

currency exchange rate fluctuations that could adversely impact the cost advantages intended from these agreements.

To the extent that these or unforeseen risks occur, our operating results and financial condition could be adversely impacted.

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Changes in financial accounting standards may cause unexpected financial reporting fluctuations and affect our reported results of operations

Changes in accounting standards or practices could adversely affect our reported results of operations. New accounting pronouncements, such as the changes in U.S. GAAP related to revenue recognition and accounting for lease arrangements, and varying interpretations of accounting pronouncements, have occurred and will undoubtedly occur in the future. Changes to existing accounting rules or practices may materially affect our reported results of operations or the way we conduct our business in future periods.

If we fail to maintain appropriate and effective internal control over financial reporting, our ability to produce accurate and timely financial statements could be impaired which could result in a loss of investor confidence in our financial reports and have an adverse effect on our stock price

Ensuring that we have adequate internal financial and accounting controls and procedures in place so that we can produce accurate financial statements on a timely basis is a costly and time-consuming effort that we re-evaluate regularly. Our internal controls over financial reporting are designed to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements in accordance with U.S. GAAP. However, despite our efforts, any failure to maintain or implement the necessary internal controls could cause us to fail to meet our financial reporting obligations or result in misstatements in our financial statements, either of which could cause investors to lose confidence in our reported financial information and lead to a decline in the trading price of our common stock.

In fiscal year 2018, we completed the first phase of our implementation of a complex, company-wide, enterprise resource planning (ERP) system. In fiscal year 2019, we will complete the second phase of this implementation which is designed to modify our existing ERP in conjunction with the adoption of the new revenue recognition standard. If we were to experience significant operating problems once implemented, it could adversely affect our business and results of operations

To comply with the accounting standard update which provides for new revenue recognition guidance beginning in the first quarter of our fiscal year 2019, we have continued to significantly modify and enhance our existing ERP system. ERP implementations are inherently complex and time-consuming projects that involve substantial expenditures on system software, implementation activities and business process reengineering. Any unexpected challenge or performance issue associated with the modification of our existing ERP system could adversely affect our financial reporting systems and processes and our ability to timely and accurately report financial information, including our ability to furnish our quarterly and annual reports with the SEC. Data accuracy problems or other issues may occur which, if not corrected quickly, could impact our business or financial results. In addition, we may experience periodic or prolonged disruption to our financial functions arising from this implementation, including adverse effects on our internal controls over financial reporting. If we encounter unforeseen problems with our financial systems, our business, operations and overall system of internal controls could be adversely affected.

Certain anti-takeover provisions contained in our charter and under Delaware law could hinder a takeover attempt

We are subject to the provisions of Section 203 of the General Corporation Law of the State of Delaware prohibiting, under some circumstances, publicly-held Delaware corporations from engaging in business combinations with some stockholders for a specified period of time without the approval of the holders of substantially all of our outstanding voting stock. Such provisions could delay or impede the removal of incumbent directors and could make more difficult a merger, tender offer or proxy contest involving us, even if such events could be beneficial, in the short term,

to the interests of our stockholders. In addition, such provisions could limit the price that some investors might be willing to pay in the future for shares of our common stock. Our certificate of incorporation and bylaws contain provisions relating to the limitation of liability and indemnification of our directors and officers, dividing our board of directors into three classes of directors serving three-year terms and providing that our stockholders can take action only at a duly called annual or special meeting of stockholders.

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Risks Related to our Indebtedness

Credit Facility

On December 9, 2016, we (as borrower) and certain of our domestic subsidiaries (as guarantors) entered into a credit agreement with Bank of America, N.A. and certain other lenders which provides for a revolving credit facility in the amount of up to \$300 million (the Credit Facility). During fiscal year 2018, we borrowed \$150 million against the Credit Facility to finance the repayment of a portion of the principal balance of the 1.5% Convertible Senior Notes that matured on December 1, 2017 (the Notes). On July 16, 2018, we entered into an amendment to the Credit Facility which, among other things, lowered certain borrowing costs and extended its term to July 16, 2023.

Our level of indebtedness may limit our financial flexibility

Our level of indebtedness affects our operations in several ways, including:

a portion of our cash flows from operating activities must be used to service our indebtedness and is not available for other purposes;

we may be at a competitive disadvantage as compared to similar companies that have less debt; and

additional financing in the future for working capital, capital expenditures, acquisitions, general corporate or other purposes may have higher costs and contain restrictive covenants, or may not be available to us.

The factors that will affect our ability to obtain additional financing may be beyond our control and include financial market conditions, the value of our assets and our performance at the time we need financing.

The credit agreement contains financial and other covenants, and our failure to comply with any of those covenants could materially adversely impact us or limit or eliminate our ability to access funds under the Credit Facility

The credit agreement requires us to comply with certain financial covenants. Our ability to meet those financial covenants can be affected by events beyond our control, and while at June 30, 2018 we were in compliance with those covenants, we may fail to maintain compliance in future periods. The credit agreement contains customary representations, warranties and covenants including, but not limited to, material adverse events, specified restrictions on indebtedness, liens, investments, acquisitions, sales of assets, dividends and other restricted payments, and transactions with affiliates. These restrictions could place us at a disadvantage relative to our competitors that are not subject to such limitations. A breach of any of these covenants or restrictions could result in an event of default under the credit agreement. Upon the occurrence of an event of default, the lenders could elect to declare all amounts outstanding under the Credit Facility, together with accrued interest, to be immediately due and payable. If we were unable to repay those amounts, the lenders could seek recovery against our assets, including any collateral granted to them to secure the indebtedness. If the lenders under the Credit Facility were to accelerate the payment of any indebtedness, we cannot assure you that our assets would be sufficient to satisfy our obligations.

Our variable rate could cause our debt service obligations to increase or decrease based on changes in market rates

Borrowings under the Credit Facility are at variable rates of interest and expose us to interest rate risk. If interest rates were to increase, our debt service obligations on the variable rate indebtedness would increase even though the amount borrowed remained the same, and our net income and cash flows, including cash available for servicing our indebtedness, would correspondingly decrease. In July 2017, we entered into an interest rate swap intended to mitigate a portion of interest rate volatility arising from the Credit Facility. However, this interest rate swap, and any additional interest rate swap we may enter into in the future, might not fully mitigate our variable interest rate risk.

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None.

Item 2. Properties.

The following table sets forth the location, the reportable segment(s) and approximate square footage of each of the principal properties used by us during fiscal year 2018. Our Portsmouth, New Hampshire facility serves as our corporate headquarters and is used by employees associated with all of our reportable segments in addition to our management, administrative, sales and marketing and customer support teams. All properties, except as noted below, are leased under operating leases.

Location	Reportable Segment(s)	Approximate Square Feet
<u>North America:</u>		
Alpharetta, Georgia	Payments and Transactional Documents, Banking Solutions and Other	25,000
Charlotte, North Carolina	Banking Solutions	3,000
Englewood Cliffs, New Jersey	Payments and Transactional Documents and Other	4,000
Garden City, New York	All segments	9,000
Marlton, New Jersey	Cloud Solutions	7,000
Morrisville, North Carolina	Payments and Transactional Documents and Other	8,000
Portland, Maine	Cloud Solutions	27,000
Portsmouth, New Hampshire	All segments	85,000
Providence, Rhode Island	Banking Solutions	11,000
Wilton, Connecticut	Cloud Solutions	13,000
<u>Europe:</u>		
Geneva, Switzerland	Cloud Solutions	16,000
Harlow, England	Payments and Transactional Documents	4,000
London, England	All segments	6,000
Reading, England ⁽¹⁾	All segments	27,000
Runcorn, England	Payments and Transactional Documents	3,000
<u>Asia-Pacific and Middle East:</u>		
Melbourne, Australia	Payments and Transactional Documents and Banking Solutions	2,000
Sydney, Australia	Payments and Transactional Documents	2,000
Or-Yehuda, Israel	Other	9,000
Singapore	Cloud Solutions	3,000

⁽¹⁾ We own 16,000 square feet in Reading, England currently used as our European headquarters.

Item 3. Legal Proceedings.

We are, from time to time, a party to legal proceedings and claims that arise in the ordinary course of our business. We do not believe that there are claims or proceedings pending against us for which the ultimate resolution would have a material effect on, or require disclosure in, our financial statements.

Item 4. Mine Safety Disclosures.

Not applicable.

Table of Contents**PART II****Item 5. Market for Registrant's Common Equity, Related Stockholder Matters and Issuer Purchases of Equity Securities.**

Our common stock is traded on The Nasdaq Global Select Market under the symbol EPAY. The following table sets forth, for the periods indicated, the high and low sale prices of our common stock, as quoted on The Nasdaq Global Select Market.

Period	High	Low
Fiscal Year 2017		
First quarter	\$ 23.98	\$ 18.80
Second quarter	\$ 25.41	\$ 21.98
Third quarter	\$ 26.99	\$ 23.51
Fourth quarter	\$ 26.43	\$ 21.74
Fiscal Year 2018		
First quarter	\$ 32.01	\$ 25.14
Second quarter	\$ 35.65	\$ 32.13
Third quarter	\$ 39.77	\$ 34.54
Fourth quarter	\$ 50.71	\$ 38.25

As of August 17, 2018, there were approximately 546 holders of record of our common stock. Because many of the shares are held by brokers and other institutions on behalf of stockholders, we are unable to estimate the total number of individual stockholders represented by these holders of record.

The closing price for our common stock on August 17, 2018 was \$60.82. For purposes of calculating the aggregate market value of the shares of our common stock held by non-affiliates, as shown on the cover page of this report, it has been assumed that all the outstanding shares were held by non-affiliates except for the shares beneficially held by our directors and executive officers. However, there may be other persons who may be deemed to be affiliates of ours.

We have never paid dividends on our common stock. We do not anticipate paying any cash dividends on our common stock for the foreseeable future.

The following table provides information about purchases by us of our common stock during the quarter ended June 30, 2018:

Period	Total Number of Shares Purchased (1)	Average Price Paid per Share	Total Number of Shares Purchased as Part of Publicly Announced Plans or Programs	Approximate Dollar Value of Shares that May Yet be Purchased Under the Plans or Programs
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April 1, 2018 - April 30, 2018	\$	\$	20,140,000
May 1, 2018 - May 31, 2018			20,140,000
June 1, 2018 - June 30, 2018			20,140,000
Total	\$		

- (1) On July 8, 2016, our board of directors authorized a repurchase program of our common stock for an aggregate repurchase price not to exceed \$60 million. This program expired on July 8, 2018.

Table of Contents**Stock Performance Graph**

The stock performance graph below compares the percentage change in cumulative stockholder return on our common stock for the period from June 30, 2013 through June 30, 2018, with the cumulative total return on The Nasdaq Stock Market (U.S.) and the Nasdaq Computer & Data Processing Index.

This graph assumes the investment of \$100.00 in our common stock (at the closing price of our common stock on June 28, 2013), the Nasdaq Stock Market (U.S.) and the Nasdaq Computer & Data Processing Index on June 28, 2013, and assumes dividends, if any, are reinvested.

The stock price performance shown on the following graph is not necessarily indicative of future price performance.

COMPARISON OF 5 YEAR CUMULATIVE TOTAL RETURN*

**Among Bottomline Technologies (de), Inc., the Nasdaq Composite Index
and the Nasdaq Computer & Data Processing Index**

* \$100 invested on 6/28/13 in stock or index, including reinvestment of dividends.
Fiscal year ending June 30.

	6/13	6/14	6/15	6/16	6/17	6/18
Bottomline Technologies (de), Inc.	\$ 100.00	\$ 118.31	\$ 109.96	\$ 85.13	\$ 101.58	\$ 197.03
Nasdaq Composite	100.00	132.45	151.00	148.88	189.66	233.12
Nasdaq Computer & Data Processing	100.00	136.90	148.29	172.95	226.96	300.54

The information included under the heading Stock Performance Graph in Item 5 of this Annual Report on Form 10-K is furnished and not filed and shall not be deemed to be soliciting material or subject to Regulation 14A, shall not be deemed filed for purposes of Section 18 of the Securities Exchange Act of 1934, as amended (the Exchange Act), or otherwise subject to the liabilities of that section, nor shall it be deemed incorporated by reference in any filing under the Securities Act of 1933, as amended (the Securities Act).

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Recent Sales of Unregistered Securities

During the three months ended June 30, 2018, we issued approximately 264,000 shares of unregistered common stock to the holders of warrants that we sold in December 2012 for the purchase of up to 6.3 million shares of our common stock, subject to antidilution adjustments, at a strike price of \$40.04 per share.

Table of Contents**Item 6. Selected Financial Data.**

You should read the following consolidated financial data in conjunction with the Financial Statements, including the related notes, and Item 7. Management's Discussion and Analysis of Financial Condition and Results of Operations. The results shown herein are not necessarily indicative of the results to be expected for any future periods.

SELECTED CONSOLIDATED FINANCIAL DATA

	Fiscal Year Ended June 30,				
	2018	2017	2016	2015	2014
	(in thousands, except per share data)				
Revenues:					
Subscriptions and transactions	\$ 262,363	\$ 222,997	\$ 195,187	\$ 171,361	\$ 141,103
Software licenses	10,277	11,685	20,826	21,907	20,769
Service and maintenance	114,926	109,633	120,292	130,183	131,531
Other	6,530	5,097	6,969	7,438	7,182
Total revenues	394,096	349,412	343,274	330,889	300,585
Cost of revenues:					
Subscriptions and transactions	117,033	103,777	87,775	79,397	69,220
Software licenses	815	818	1,030	1,583	1,602
Service and maintenance	52,250	53,494	53,236	53,094	54,463
Other	3,032	3,737	5,059	5,367	5,383
Total cost of revenues	173,130	161,826	147,100	139,441	130,668
Gross profit	220,966	187,586	196,174	191,448	169,917
Operating expenses:					
Sales and marketing	85,912	77,470	84,068	80,151	72,707
Product development and engineering	57,310	53,002	47,355	47,185	39,725
General and administrative	49,837	46,527	39,324	34,492	33,721
Amortization of acquisition-related intangible assets	22,076	24,246	28,978	30,383	26,242
Goodwill impairment charge		7,529			