

COGNEX CORP
Form 10-K
February 12, 2015
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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 December 31, 2014 or

Transition report pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934 for the transition period from _____ to _____.

Commission File Number 001-34218

COGNEX CORPORATION

(Exact name of registrant as specified in its charter)

Massachusetts

(State or other jurisdiction of
incorporation or organization)

04-2713778

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

One Vision Drive

Natick, Massachusetts 01760-2059

(508) 650-3000

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

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

Title of Each Class

Name of Exchange on Which Registered

Common Stock, par value \$.002 per share

The NASDAQ Stock Market LLC

Preferred Stock Purchase Rights

The NASDAQ Stock Market LLC

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

X

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 X

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

X

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 during the preceding 12 months (or for such shorter period that the registrant was required to submit and post such files).

Yes

X

No

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

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

Large accelerated filer

Accelerated filer

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

Smaller reporting company

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act).

Yes

No

X

Aggregate market value of voting stock held by non-affiliates of the registrant as of June 29, 2014: \$3,112,594,000

\$.002 par value common stock outstanding as of February 1, 2015: 86,544,015 shares

DOCUMENTS INCORPORATED BY REFERENCE:

The registrant intends to file a Definitive Proxy Statement pursuant to Regulation 14A within 120 days of the end of the fiscal year ended December 31, 2014. Portions of such Proxy Statement are incorporated by reference in Part III of this report.

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FOR THE YEAR ENDED DECEMBER 31, 2014
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PART I

This Annual Report on Form 10-K contains forward-looking statements within the meaning of the Federal Securities Laws. Readers can identify these forward-looking statements by our use of the words “expects,” “anticipates,” “estimates,” “believes,” “projects,” “intends,” “plans,” “will,” “may,” “shall,” “could,” “should,” and similar words and other statements of sense. Our future results may differ materially from current results and from those projected in the forward-looking statements as a result of known and unknown risks and uncertainties. Readers should pay particular attention to considerations described in the section captioned “Risk Factors,” appearing in Part I - Item 1A of this Annual Report on Form 10-K. We caution readers not to place undue reliance upon any such forward-looking statements, which speak only as of the date made. We disclaim any obligation to subsequently revise forward-looking statements to reflect the occurrence of anticipated or unanticipated events or circumstances after the date such statements are made.

Unless the context otherwise requires, the words “Cognex®,” the “Company,” “we,” “our,” “us,” and “our company” refer to Cognex Corporation and its consolidated subsidiaries.

ITEM 1: BUSINESS

Corporate Profile

Cognex Corporation was incorporated in Massachusetts in 1981. Our corporate headquarters are located at One Vision Drive, Natick, Massachusetts 01760 and our telephone number is (508) 650-3000.

Cognex is a leading worldwide provider of machine vision products that capture and analyze visual information in order to automate tasks, primarily in manufacturing processes, where vision is required. Machine vision is important for applications in which human vision is inadequate to meet requirements for size, accuracy, or speed, or in instances where substantial cost savings are obtained through the reduction of labor or improved product quality. Today, many types of manufacturing equipment require machine vision because of the increasing demands for speed and accuracy in manufacturing processes, as well as the decreasing size of items being manufactured.

Cognex has two operating divisions: the Modular Vision Systems Division (MVSD), based in Natick, Massachusetts, and the Surface Inspection Systems Division (SISD), based in Hayward, California. MVSD develops, manufactures, and markets modular vision systems and ID products that are used to automate the manufacture and tracking of discrete items, such as cellular phones, aspirin bottles, and automobile wheels, by locating, identifying, inspecting, and measuring them during the manufacturing or distribution process. SISD develops, manufactures, and markets surface inspection vision systems that are used to inspect the surfaces of materials processed in a continuous fashion, such as metal, paper, nonwoven, plastic, and glass, to ensure there are no flaws or defects on the surfaces. Historically, MVSD has been the source of the majority of the Company’s revenue, representing approximately 82% of total revenue in 2014. Financial information about these segments may be found in Note 19 to the Consolidated Financial Statements, appearing in Part II - Item 8 of this Annual Report on Form 10-K.

What is Machine Vision?

Since the beginning of the Industrial Revolution, human vision has played an indispensable role in the process of manufacturing products. Human eyes did what no machines could do themselves: locating and positioning work, tracking the flow of parts, and inspecting output for quality and consistency. Today, however, the requirements of many manufacturing processes have surpassed the limits of human eyesight. Manufactured items often are produced too quickly or with tolerances too small to be analyzed by the human eye. In response to manufacturers’ needs, “machine vision” technology emerged, providing manufacturing equipment with the gift of sight. Machine vision systems were first widely embraced by manufacturers of electronic components who needed this technology to produce computer chips with decreasing geometries. However, advances in technology and ease-of-use, combined with the decreasing cost of implementing vision applications, have made machine vision available to a broader range of users.

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Machine vision products combine cameras with intelligent software to collect images and then answer questions about these images, such as:

Question	Description	Example
GUIDANCE		
Where is it?	Determining the exact physical location and orientation of an object.	Determining the position of a printed circuit board so that a robot can automatically be guided to place electronic components.
IDENTIFICATION		
What is it?	Identifying an object by analyzing its physical appearance or by reading a serial number or symbol.	Reading a two-dimensional barcode directly marked on an automotive airbag so that it can be tracked and processed correctly through manufacturing.
INSPECTION		
How good is it?	Inspecting an object for flaws or defects.	Inspecting the paper that US currency is printed on.
GAUGING		
What size is it?	Determining the dimensions of an object.	Determining the diameter of a bearing prior to final assembly.

Machine Vision Market

Cognex machine vision is primarily used in the manufacturing sector, where the technology is widely recognized as an important component of automated production and quality assurance. In this sector, Cognex serves three primary markets: factory automation, semiconductor and electronics capital equipment, and surface inspection.

Factory automation customers, who are included in the Company's MVSD segment, purchase Cognex vision products and incorporate them into their manufacturing processes. Virtually every manufacturer can achieve better quality and manufacturing efficiency by using machine vision, and therefore, this market includes a broad base of customers across a variety of industries, including consumer electronics, automotive, consumer products, food and beverage, medical devices, and pharmaceuticals. The factory automation market also includes customers who purchase Cognex products for use outside of the assembly process, such as using ID products in logistics automation for package sorting and distribution. Sales to factory automation customers represented approximately 82% of total revenue in 2014 compared to 80% of total revenue in 2013.

Semiconductor and electronics capital equipment manufacturers, who are included in the Company's MVSD segment, purchase Cognex vision products and integrate them into the automation equipment that they manufacture and then sell to their customers to either make semiconductor chips or assemble printed circuit boards. Demand from these capital equipment manufacturers has historically been highly cyclical, with periods of investment followed by downturn. This market, which represented a large portion of our business during the 1990's, changed after the dot-com bubble burst in 2000. Customers shifted away from embedded machine vision systems containing specialized hardware as PC speeds increased. They first migrated to products containing mostly software with significantly less hardware content, and eventually began buying only the software portion of the system from Cognex. Although these software-only products have high gross margins, the average selling price is significantly lower than for a complete vision system. Sales to semiconductor and electronics capital equipment manufacturers represented approximately 6% of total revenue in 2014 compared to 7% of total revenue in 2013.

Surface inspection customers, who comprise the Company's SISD segment, are manufacturers of materials processed in a continuous fashion, such as metal, paper, nonwoven, plastic, and glass. These customers need sophisticated machine vision to detect, classify, and analyze defects on the surfaces of those materials as they are being processed at high speeds. Surface inspection sales represented approximately 12% of total revenue in 2014 compared to 13% of total revenue in 2013.

In 2014, direct and indirect revenue from Apple Inc. accounted for 14% of total revenue. In 2013 and 2012, no customer accounted for greater than 10% of total revenue.

Business Strategy

Our goal is to expand our position as a leading worldwide provider of machine vision products. Sales to customers in the factory automation market represent the largest percentage of our total revenue, and we believe that this market provides the greatest potential for long-term, sustained revenue growth.

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In order to grow the factory automation market, we have invested in developing new products and functionality that make vision easier to use and more affordable, and therefore, available to a broader base of customers. This investment includes selective expansion into new industrial and commercial vision applications through internal development, as well as the acquisition of businesses and technologies. We have also invested in building a worldwide sales and support infrastructure in order to access more of the potential market for machine vision. This investment includes opening sales offices in emerging markets, such as China, India, Brazil, and Eastern Europe, where we believe many manufacturers can benefit from incorporating machine vision into their production processes, and developing strategic alliances with other leading providers of factory automation products.

Acquisitions and Divestitures

Our business strategy includes selective expansion into new machine vision applications through the acquisition of businesses and technologies. We plan to continue to seek opportunities to expand our product line, customer base, distribution network, and technical talent through acquisitions in the machine vision industry.

There have been no acquisitions of businesses or divestitures completed by the Company during the past five years. Management considers business acquisitions to be an important part of our growth strategy, and although we continue to actively seek out acquisition opportunities, we are selective in choosing businesses in the machine vision space that will not significantly dilute our operating margins.

Products

Cognex offers a full range of vision and ID products designed to meet customer needs at different performance and price points. Our products range from low-cost vision sensors that are easily integrated, to PC-based systems for users with more experience or more complex requirements. Our products also have a variety of physical forms, depending upon the user's need. For example, customers can purchase vision software to use with their own camera and processor, or they can purchase a standalone unit that combines camera, processor, and software into a single package.

Vision Software

Vision software provides users with the most flexibility by combining the full general-purpose library of Cognex vision tools with the cameras, frame grabbers, and peripheral equipment of their choice. The vision software runs on the customer's PC, which enables easy integration with PC-based data and controls. Applications based upon Cognex vision software perform a wide range of vision tasks, including part location, identification, measurement, assembly verification, and robotic guidance. Cognex's VisionPro® software offers an extensive suite of patented vision tools for advanced programming, while Cognex Designer allows customers to build complete vision applications with the simplicity of a graphical, flowchart-based programming environment. Cognex also offers a series of Displacement Sensors that provide three-dimensional inspection of products.

Vision Systems

Vision systems combine camera, processor, and vision software into a single, rugged package with a simple and flexible user interface for configuring applications. These general-purpose vision systems are designed to be easily programmed to perform a wide range of vision tasks including part location, identification, measurement, assembly verification, and robotic guidance. Cognex offers the In-Sight® product line of vision systems in a wide range of models to meet various price and performance requirements.

Vision Sensors

Unlike general-purpose vision systems that can be programmed to perform a wide variety of vision tasks, vision sensors are designed to deliver very simple, low-cost, reliable solutions for a limited number of common vision applications such as checking the presence and size of parts. Cognex offers the Checker® product line of vision sensors that performs a variety of single-purpose vision tasks.

ID Products

ID products quickly and reliably read codes (e.g., one-dimensional barcodes or two-dimensional data matrix codes) that have been applied to, or directly marked on, discrete items during the manufacturing process. Manufacturers of goods ranging from automotive parts, pharmaceutical items, aircraft components, and medical devices are increasingly using direct part mark (DPM) identification to ensure that the appropriate manufacturing processes are performed in the correct sequence and on the right parts. In addition, DPM is used to track parts from the beginning of their life to the end, and is also used in supply chain management and repair.

Cognex also offers applications in the automatic identification market outside of the manufacturing sector, such as using ID products in logistics automation for package sorting and distribution. As shipping volumes grow, more distribution centers are choosing to upgrade their traditional laser-based scanners to image-based barcode readers,

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which will cost-effectively increase package sorter efficiency and throughput by improving read rates. Cognex offers the DataMan® product line of ID readers that includes both hand-held and fixed-mount models.

Surface Inspection Systems

Surface inspection systems detect, identify, track, and report visual defects in any continuous material or process, such as metal, paper, nonwoven, plastic, and glass. The Smart View® Web Inspection System is targeted at high-speed applications that require extremely accurate surface defect detection and identification. The SmartAdvisor® Web Monitoring System is a process monitoring system that is used to track defects to their source and determine the root cause. These systems can be delivered as standalone or integrated solutions.

Research, Development, and Engineering

Cognex engages in research, development, and engineering (RD&E) to enhance our existing products and to develop new products and functionality to meet market opportunities. In addition to internal research and development efforts, we intend to continue our strategy of gaining access to new technology through strategic relationships and acquisitions where appropriate.

As of December 31, 2014, Cognex employed 319 professionals in RD&E, many of whom are software developers. Cognex's RD&E expenses totaled \$59,920,000 in 2014, \$48,087,000 in 2013, and \$41,549,000 in 2012, or approximately 12%, 14%, and 13% of revenue, respectively. We believe that a continued commitment to RD&E activities is essential in order to maintain or achieve product leadership with our existing products and to provide innovative new product offerings. In addition, we consider our ability to accelerate time-to-market for new products to be critical to our revenue growth. Therefore, we expect to continue to make significant RD&E investments in the future. At any point in time, we have numerous research and development projects underway. Although we target our RD&E spending to be between 10% and 15% of total revenue, this percentage is impacted by revenue levels.

Manufacturing and Order Fulfillment

Cognex's MVSD products are manufactured utilizing a turnkey operation whereby the majority of component procurement, system assembly, and initial testing are performed by third-party contract manufacturers. Cognex's primary contract manufacturer is located in Indonesia. The contract manufacturers use specified components and assembly/test documentation created and controlled by Cognex. After the completion of initial testing, a fully-assembled product from the contract manufacturers is routed to our facility in Cork, Ireland or Natick, Massachusetts, USA, where trained Cognex personnel load the software onto the product and perform quality control procedures. Finished product for customers in the Americas is then shipped from our Natick, Massachusetts facility, while finished product for customers outside of the Americas is shipped from our Cork, Ireland facility.

Cognex's SISD products are manufactured and shipped from our Hayward, California facility. The manufacturing process at the Hayward facility consists of component procurement, system assembly, software loading, quality control, and shipment of product to customers worldwide.

Sales Channels and Support Services

Cognex sells its MVSD products through a worldwide direct sales force that focuses on the development of strategic accounts that generate or are expected to generate significant sales volume, as well as through a global network of integration and distribution partners. Our integration partners are experts in vision and complementary technologies that can provide turnkey solutions for complex automation projects using vision, and our distribution partners provide sales and local support to help Cognex reach the many prospects for our products in factories around the world.

Cognex's SISD products are primarily sold through a worldwide direct sales force since there are fewer customers in a more concentrated group of industries.

As of December 31, 2014, Cognex's sales force consisted of 467 professionals, and our partner network consisted of approximately 522 active integrators and authorized distributors. Sales engineers call directly on targeted accounts and manage the activities of our partners within their territories in order to implement the most advantageous sales model for our products. The majority of our sales force holds engineering or science degrees. Cognex has sales and support personnel located throughout the Americas, Europe, and Asia. In recent years, the Company has expanded its sales force in emerging markets, such as China, India, Brazil, and Eastern Europe, where we believe many manufacturers can benefit from incorporating machine vision into their production processes. In 2010, the Company established a Wholly Foreign Owned Enterprise (WFOE) in Shanghai, China, and we began to sell to our Chinese customers

through this new entity in 2011. The WFOE is able to accept payment from Chinese customers in Yuan, also known as Renminbi, which we believe allows us to reach more of the potential market for machine vision throughout Mainland China.

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Sales to customers based outside of the United States represented approximately 70% of total revenue in 2014 compared to approximately 67% of total revenue in 2013. In 2014, approximately 42% of our total revenue came from customers based in Europe, 9% from customers based in Japan, and 19% from customers based in other regions outside the United States. Sales to customers based in Europe are predominantly denominated in Euros, sales to customers based in Japan are predominantly denominated in Yen, and sales to customers based in other regions are denominated in U.S. Dollars and Chinese Yuan for sales within Mainland China. Financial information about geographic areas may be found in Note 19 to the Consolidated Financial Statements, appearing in Part II - Item 8 of this Annual Report on Form 10-K.

Cognex's MVSD service offerings include maintenance and support, training, and consulting services. Maintenance and support programs include hardware support programs that entitle customers to have failed products repaired, as well as software support programs that provide customers with application support and software updates on the latest software releases. Application support is provided by technical support personnel located at Cognex regional offices, as well as by field service engineers that provide support at the customer's production site. Training services include a variety of product courses that are available at Cognex's offices worldwide, at customer facilities, and on computer-based tutorials, video, and the internet. Cognex provides consulting services that range from a specific area of functionality to a completely integrated vision application or installed ID application.

Cognex's SISD service offerings include maintenance and support and training services similar to those provided by MVSD, as well as installation services. The installation services group supervises the physical installation of the hardware at the customer location, configures the software application to detect the customer's defects, validates that the entire integrated system with the peripheral components is functioning according to the specifications, and performs operator training.

Intellectual Property

We rely on the technical expertise, creativity, and knowledge of our personnel, and therefore, we utilize patent, trademark, copyright, and trade secret protection to maintain our competitive position and protect our proprietary rights in our products and technology. While our intellectual property rights are important to our success, we believe that our business as a whole is not materially dependent on any particular patent, trademark, copyright, or other intellectual property right.

As of December 31, 2014, Cognex had been granted, or owned by assignment, 403 patents issued worldwide and had another 330 patent applications pending worldwide. Cognex has used, registered, or applied to register a number of trademark registrations in the United States and in other countries. Cognex's trademark and servicemark portfolio includes various registered marks, including, among others, Cognex®, VisionPro®, In-Sight®, Checker®, DataMan®, Smart View®, and SmartAdvisor®, as well as many common-law marks.

Compliance with Environmental Provisions

Cognex's capital expenditures, earnings, and competitive position are not materially affected by compliance with federal, state, and local environmental provisions which have been enacted or adopted to regulate the distribution of materials into the environment.

Competition

The machine vision market is fragmented and Cognex's competitors are typically other vendors of machine vision systems, controllers, and components; manufacturers of image processing systems, sensors, and components; and system integrators. In addition, in the semiconductor and electronics capital equipment market, and with respect to machine builders in the factory automation market, Cognex competes with the internal engineering departments of current or prospective customers. In the identification and logistics market, Cognex competes with manufacturers of automatic identification systems. Any of these competitors may have greater financial and other resources than Cognex. Although we consider Cognex to be one of the leading machine vision companies in the world, reliable estimates of the machine vision market and the number of competitors are not available.

Cognex's ability to compete depends upon our ability to design, manufacture, and sell high-quality products, as well as our ability to develop new products and functionality that meet evolving customer requirements. The primary competitive factors affecting the choice of a machine vision or ID system include vendor reputation, product functionality and performance, ease of use, price, and post-sales support. The importance of each of these factors

varies depending upon the specific customer's needs.

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Backlog

As of December 31, 2014, backlog, which includes deferred revenue, totaled \$62,113,000, compared to \$49,677,000 as of December 31, 2013. Backlog reflects customer purchase orders for products scheduled for shipment primarily within 60 days at MVSD and six months at SISD. Although MVSD accepts orders from customers with requested shipment dates that are within 60 days, orders typically ship within one week of order placement. The level of backlog at any particular date is not necessarily indicative of future revenue. Delivery schedules may be extended and orders may be canceled at any time subject to certain cancellation penalties.

Employees

As of December 31, 2014, Cognex employed 1,322 persons, including 684 in sales, marketing, and service activities; 319 in research, development, and engineering; 150 in manufacturing and quality assurance; and 169 in information technology, finance, and administration. Of the Company's 1,322 employees, 696 are based outside of the United States. None of our employees are represented by a labor union and we have experienced no work stoppages. We believe that our employee relations are good.

Available Information

Cognex maintains a website on the World Wide Web at www.cognex.com. We make available, free of charge, on our website in the "Company" section under the caption "Investor Information" followed by "Financial Information" and then "SEC Filings," our Annual Report on Form 10-K, Quarterly Reports on Form 10-Q, and Current Reports on Form 8-K, including exhibits, and amendments to those reports filed or furnished pursuant to Section 13(a) or 15(d) of the Securities Exchange Act of 1934, as amended, as soon as reasonably practicable after such reports are electronically filed with, or furnished to, the SEC. Cognex's reports filed with, or furnished to, the SEC are also available at the SEC's website at www.sec.gov. Information contained on our website is not a part of, or incorporated by reference into, this Annual Report on Form 10-K.

ITEM 1A: RISK FACTORS

The risks and uncertainties described below are not the only ones that we face. Additional risks and uncertainties that we are unaware of, or that we currently deem immaterial, also may become important factors that affect our company in the future. If any of these risks were to occur, our business, financial condition, or results of operations could be materially and adversely affected. This section includes or refers to certain forward-looking statements. We refer you to the explanation of the qualifications and limitations on such forward-looking statements, appearing under the heading "Forward-Looking Statements" in Part II - Item 7 of this Annual Report on Form 10-K.

The loss of a large customer could have an adverse effect on our business.

In 2014, revenue from a single customer accounted for 14% of total revenue. Customers of this size may divert management's attention from other operational matters and pull resources from other areas of the business, resulting in potential loss of revenue from other customers. In addition, customers of this size may receive volume pricing discounts and a higher level of post-sale support, which may lower our gross margin percentage. Furthermore, we have extended credit terms to this customer, resulting in large expenditures for inventory months in advance of cash collection, as well as large accounts receivable balances denominated in U.S. Dollars on our Irish subsidiary's Euro-denominated books that exposes us to foreign currency gains or losses while these receivables are outstanding. In 2013 and 2012, no customer accounted for greater than 10% of total revenue. As a large portion of our sales are through resellers however, there may be end customers of our resellers that are large consumers of our products. Furthermore, there may be industry leaders that are able to exert purchasing power over their vendors' supply chains, particularly in the automotive and consumer electronics industries. Our expansion within the factory automation marketplace has reduced our reliance upon the revenue from any one customer. Nevertheless, the loss of, or significant curtailment of purchases by, any one or more of our larger customers could have a material adverse effect on our operating results.

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Global economic conditions may negatively impact our operating results.

Our revenue levels are impacted by global economic conditions, as we have a significant business presence in many countries throughout the world. In 2009, the credit market crisis and slowing global economies resulted in significantly lower demand for our products, as many of our customers experienced deterioration in their businesses, cash flow issues, difficulty obtaining financing, and declining business confidence. Although our business has recovered since that time, economic conditions are still unsettled in certain regions, resulting in a challenging environment to achieve our targeted rate of revenue growth. If global economic conditions remain unsettled or were to deteriorate, our revenue and our ability to generate operating profits could be materially adversely affected.

As a result, our business is subject to the following risks, among others:

- our customers may not have sufficient cash flow or access to financing to purchase our products,
- our customers may not pay us within agreed upon terms or may default on their payments altogether,
- our vendors may be unable to fulfill their delivery obligations to us in a timely manner,
- lower demand for our products may result in charges for excess and obsolete inventory if we are unable to sell inventory that is either already on hand or committed to purchase,
- lower cash flows may result in impairment charges for acquired intangible assets or goodwill,
- a decline in our stock price may make stock options a less attractive form of compensation and a less effective form of retention for our employees, and
- the trading price of our common stock may be volatile.

As of December 31, 2014, the Company had approximately \$545 million in cash or debt securities that could be converted into cash. In addition, Cognex has no long-term debt and we do not anticipate needing debt financing in the near future. We believe that our strong cash position puts us in a relatively good position to weather another economic downturn. Nevertheless, our operating results have been materially adversely affected in the past, and could be materially adversely affected in the future, as a result of unfavorable economic conditions and reduced capital spending by manufacturers worldwide.

A downturn in the consumer electronics or automotive industries may adversely affect our business.

In 2014, the largest industries that we served in the factory automation market were the consumer electronics and automotive industries. Our business is impacted by the level of capital spending in these industries, as well as the product design cycles of our major customers in these industries. The market leaders in these industries are able to exert purchasing power over their vendors' supply chains, and our large customers in these industries may decide to purchase fewer products from Cognex or stop purchasing from Cognex altogether. As a result, our operating results could be materially and adversely affected by declining sales in these industries.

Our inability to penetrate new markets outside of the manufacturing sector may impede our revenue growth.

We are pursuing applications in the automatic identification market outside of the manufacturing sector, such as using ID products in logistics automation for package sorting and distribution. As shipping volumes grow, more distribution centers are choosing to upgrade their traditional laser-based scanners to image-based barcode readers, which will cost-effectively increase package sorter efficiency and throughput by improving read rates. Cognex has introduced image-based barcode readers in order to penetrate the ID logistics market and grow our ID Products business beyond the traditional manufacturing sector that we currently serve. Our growth plan is dependent upon successfully penetrating the ID logistics market and we are making significant investments in this area. Therefore, our failure to generate revenue in this new market in the amounts or within the time periods anticipated may have a material adverse impact on our revenue growth and operating profits.

Downturns in the semiconductor and electronics capital equipment market may adversely affect our business.

In 2014, approximately 6% of our revenue was derived from semiconductor and electronics capital equipment manufacturers. This concentration was as high as 61% in 2000 during its revenue peak. The semiconductor and electronics capital equipment industries are highly cyclical and have historically experienced periodic downturns, which have often had a severe effect on demand for production equipment that incorporates our products. While we have been successful in diversifying our business beyond OEM customers who serve the semiconductor and electronics industries, our business is still impacted by capital expenditures in these industries, which, in turn, are dependent upon the market demand for products containing computer chips. As a result, our operating results in the

foreseeable future could be significantly and adversely affected by declining sales in either of these industries. Furthermore, the competitive

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landscape in this market has changed in recent years, with price and the flexibility of purchasing hardware from other vendors becoming more important factors in the purchasing decisions of these manufacturers. In response to this market change, we have introduced software-only products. Although these products have high gross margins, the average selling price of these offerings is significantly lower than for a complete vision system, and therefore, we expect this trend to have a negative impact on our revenue in this market. In addition, a decline in sales in the semiconductor and electronics capital equipment market, where many of these software-only products are sold, may also have a negative impact on our MVSD gross margins.

Economic, political, and other risks associated with international sales and operations could adversely affect our business and operating results.

In 2014, approximately 70% of our revenue was derived from customers located outside of the United States. We anticipate that international sales will continue to account for a significant portion of our revenue. In addition, certain of our products are assembled by third-party contract manufacturers, primarily located in Indonesia. We intend to continue to expand our sales and operations outside of the United States and expand our presence in international emerging markets, such as our expansion into China, India, Brazil, and Eastern Europe. In 2010, we established a Wholly Foreign Owned Enterprise (WFOE) in Shanghai, China and we began to sell to our Chinese customers through this new entity in 2011. This new entity has required and will continue to require significant management attention and financial resources. As a result, our business is subject to the risks inherent in international sales and operations, including, among other things:

- various regulatory and statutory requirements,
- difficulties in injecting and repatriating cash,
- export and import restrictions,
- transportation delays,
- employment regulations and local labor conditions,
- difficulties in staffing and managing foreign sales operations,
- instability in economic or political conditions,
- difficulties protecting intellectual property,
- business systems connectivity issues, and
- potentially adverse tax consequences.

Any of these factors could have a material adverse effect on our operating results.

Fluctuations in foreign currency exchange rates and the use of derivative instruments to hedge these exposures could adversely affect our reported results, liquidity, and competitive position.

We face exposure to foreign currency exchange rate fluctuations, as a significant portion of our revenues, expenses, assets, and liabilities are denominated in currencies other than the functional currencies of our subsidiaries or the reporting currency of our company, which is the U.S. Dollar. In certain instances, we utilize forward contracts to hedge against foreign currency fluctuations. These contracts are used to minimize foreign currency gains or losses, as the gains or losses on the derivative are intended to offset the losses or gains on the underlying exposure. We do not engage in foreign currency speculation. If the counterparty to any of our hedging arrangements experiences financial difficulties, or is otherwise unable to honor the terms of the contract, we may experience material losses.

Late in 2013, we expanded our foreign currency hedging program to include foreign currency cash flow hedges that protect our budgeted revenues and expenses against foreign currency exchange rate changes compared to our budgeted rates. These derivatives are designated for hedge accounting, and therefore, the effective portion of the forward contract's gain or loss is reported in shareholders' equity as other comprehensive income (loss) and is reclassified into current operations as the hedged transaction impacts current operations. Should these hedges fail to qualify for hedge accounting or be ineffective, the gain or loss on the forward contract would be reported in current operations immediately as opposed to when the hedged transaction impacts current operations. This may result in material foreign currency gains or losses.

The success of our foreign currency risk management program depends upon forecasts of transaction activity denominated in various currencies. To the extent that these forecasts are overstated or understated during periods of currency volatility, we could experience unanticipated foreign currency gains or losses that could have a material

impact

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on our results of operations. Furthermore, our failure to identify new exposures and hedge them in an effective manner may result in material foreign currency gains or losses.

A significant portion of our revenues and expenses are denominated in the Euro, the Japanese Yen, and the Chinese Yuan, also known as Renminbi. Our predominant currency of sale is the U.S. Dollar in the Americas, the Euro in Europe, the Yen in Japan, the Chinese Yuan in Mainland China, and the U.S. Dollar in other regions. We estimate that approximately 41% of our sales in 2014 were invoiced in currencies other than the U.S. Dollar, and we expect sales denominated in foreign currencies to continue to represent a significant portion of our total revenue. While we also have expenses denominated in these same foreign currencies, the impact on revenues has historically been, and is expected to continue to be, greater than the offsetting impact on expenses. Therefore, in times when the U.S. Dollar strengthens in relation to these foreign currencies, we would expect to report a net decrease in operating income. Conversely, in times when the U.S. Dollar weakens in relation to these foreign currencies, we would expect to report a net increase in operating income. Thus, changes in the relative strength of the U.S. Dollar may have a material impact on our operating results.

Our business could suffer if we lose the services of, or fail to attract, key personnel.

We are highly dependent upon the management and leadership of Robert J. Shillman, our Chairman of the Board of Directors and Chief Culture Officer, and Robert J. Willett, our President and Chief Executive Officer, as well as other members of our senior management team. Although we have many experienced and qualified senior managers, the loss of key personnel could have a material adverse effect on our company. Our continued growth and success also depends upon our ability to attract and retain skilled employees and on the ability of our officers and key employees to effectively manage the growth of our business through the implementation of appropriate management information systems and internal controls.

We have historically used stock options as a key component of our employee compensation program in order to align employee interests with the interests of our shareholders, provide competitive compensation and benefits packages, and encourage employee retention. We are limited as to the number of options that we may grant under our stock option plans. Accordingly, we may find it difficult to attract, retain, and motivate employees, and any such difficulties could materially adversely affect our business.

The failure of a key supplier to deliver quality product in a timely manner or our inability to obtain components for our products could adversely affect our operating results.

A significant portion of our MVSD product is manufactured by a third-party contractor, located in Indonesia. This contractor has agreed to provide Cognex with termination notification periods and last-time-buy rights, if and when that may be applicable. We rely upon this contractor to provide quality product and meet delivery schedules. We engage in extensive product quality programs and processes, including actively monitoring the performance of our third-party manufacturers; however, we may not detect all product quality issues through these programs and processes.

Certain components are presently available only from a single source. Certain key electronic components that are purchased from strategic suppliers, such as processors or imagers, are fundamental to the design of Cognex products. A disruption in the supply of these key components, such as a last-time-buy announcement, natural disaster, financial bankruptcy, or other event, may require us to purchase a significant amount of inventory at unfavorable prices resulting in lower gross margins and higher risk of carrying excess or obsolete inventory. Furthermore, we are in the process of complying with the requirements of the Dodd-Frank Wall Street Reform and Consumer Protection Act, which requires companies to inquire into the origin of conflict minerals in their supply chains. We are working with our supply chain partners to take reasonable steps to assure conflict minerals are not sourced by Cognex or our supply chain partners. These steps may include purchasing supply from alternative sources. If we are unable to secure adequate supply from alternative sources, we may have to redesign our products, which may lead to a delay in manufacturing and a possible loss of sales. Although we are taking certain actions to mitigate supply risk, an interruption in, termination of, or material change in the purchase terms of any key components could have a material adverse effect on our operating results.

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Our failure to effectively manage product transitions or accurately forecast customer demand could result in excess or obsolete inventory and resulting charges.

Because the market for our products is characterized by rapid technological advances, we frequently introduce new products with improved ease-of-use, improved hardware performance, additional software features and functionality, or lower cost that may replace existing products. Among the risks associated with the introduction of new products are difficulty predicting customer demand and effectively managing inventory levels to ensure adequate supply of the new product and avoid excess supply of the legacy product. In addition, we may strategically enter into non-cancelable commitments with vendors to purchase materials for our products in advance of demand in order to take advantage of favorable pricing or address concerns about the availability of future supplies or long lead times. Our failure to effectively manage product transitions or accurately forecast customer demand, in terms of both volume and configuration, has led to, and may again in the future lead to, an increased risk of excess or obsolete inventory and resulting charges.

Our products may contain design or manufacturing defects, which could result in reduced demand, significant delays, or substantial costs.

If flaws in either the design or manufacture of our products were to occur, we could experience a rate of failure in our products that could result in significant delays in shipment and material repair or replacement costs. Our release-to-market process may not be robust enough to detect significant design flaws or software bugs. While we engage in extensive product quality programs and processes, including actively monitoring and evaluating the quality of our component suppliers and contract manufacturers, these actions may not be sufficient to avoid a product failure rate that results in:

- substantial delays in shipment,
- significant repair or replacement costs,
- product liability claims or lawsuits, or
- potential damage to our reputation.

Any of these results could have a material adverse effect on our operating results.

Our failure to introduce new products in a successful and timely manner could result in the loss of our market share and a decrease in our revenues and profits.

The market for our products is characterized by rapidly changing technology. Accordingly, we believe that our future success will depend upon our ability to accelerate time-to-market for new products with improved functionality, ease-of-use, performance, or price. There can be no assurance that we will be able to introduce new products in accordance with scheduled release dates or that new products will achieve market acceptance. Our ability to keep pace with the rapid rate of technological change in the high-technology marketplace could have a material adverse effect on our operating results.

Product development is often a complex, time-consuming, and costly process involving significant investment in research and development with no assurance of return on investment. Our strong balance sheet allows us to continue to make significant investments in research, development, and marketing for new products and technologies. Research is by its nature speculative and the ultimate commercial success of a product depends upon various factors, many of which are not under our control. We may not achieve significant revenue from new product investments for a number of years, if at all. Moreover, new products may not generate the operating margins that we have experienced historically.

Our failure to properly manage the distribution of our products and services could result in the loss of revenues and profits.

We utilize a direct sales force, as well as a network of integration and distribution partners, to sell our products and services. Successfully managing the interaction of our direct and indirect sales channels to reach various potential customers for our products and services is a complex process. In addition, our reliance upon indirect selling methods may reduce visibility to demand and pricing issues. Each sales channel has distinct risks and costs, and therefore, our failure to implement the most advantageous balance in the sales model for our products and services could adversely affect our revenue and profitability.

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If we fail to successfully protect our intellectual property, our competitive position and operating results could suffer. We rely on our proprietary software technology and hardware designs, as well as the technical expertise, creativity, and knowledge of our personnel to maintain our position as a leading provider of machine vision products. Software piracy and reverse engineering, specifically from companies in Russia and Asia, may result in counterfeit products that are misrepresented in the market as Cognex products. Although we use a variety of methods to protect our intellectual property, we rely most heavily on patent, trademark, copyright, and trade secret protection, as well as non-disclosure agreements with customers, suppliers, employees, and consultants. We also attempt to protect our intellectual property by restricting access to our proprietary information by a combination of technical and internal security measures. These measures, however, may not be adequate to:

- protect our proprietary technology,
- protect our patents from challenge, invalidation, or circumvention, or
 - ensure that our intellectual property will provide us with competitive advantages.

Any of these adverse circumstances could have a material adverse effect on our operating results.

Our Company may be subject to time-consuming and costly litigation.

From time to time, we may be subject to various claims and lawsuits by competitors, customers, or other parties arising in the ordinary course of business, including lawsuits charging patent infringement, or claims and lawsuits instituted by us to protect our intellectual property or for other reasons. We are currently a party to actions that are fully described in the section captioned “Legal Proceedings,” appearing in Part I - Item 3 of this Annual Report on Form 10-K. These matters can be time-consuming, divert management’s attention and resources, and cause us to incur significant expenses. Furthermore, the results of any of these actions may have a material adverse effect on our operating results.

Increased competition may result in decreased demand or prices for our products and services.

The machine vision market is fragmented and Cognex’s competitors are typically other vendors of machine vision systems, controllers, and components; manufacturers of image processing systems, sensors, and components; and system integrators. Any of these competitors may have greater financial and other resources than we do. Ease-of-use and product price are significant competitive factors in the factory automation marketplace. We may not be able to compete successfully in the future and our investments in research and development, sales and marketing, and support activities may be insufficient to enable us to maintain our competitive advantage. In addition, competitive pressures could lead to price erosion that could have a material adverse effect on our gross margins and operating results. We refer you to the section captioned “Competition,” appearing in Part I - Item 1 of this Annual Report on Form 10-K for further information regarding the competition that we face.

Implementation of our acquisition strategy may not be successful, which could affect our ability to increase our revenue or profitability and result in the impairment of acquired intangible assets.

We have in the past acquired, and will in the future consider the acquisition of, businesses and technologies in the machine vision industry. Our business may be negatively impacted by risks related to those acquisitions. These risks include, among others:

- the inability to find or close attractive acquisition opportunities,
- the diversion of management’s attention from other operational matters,
- the inability to realize expected synergies resulting from the acquisition,
- the failure to retain key customers or employees, and
- the impairment of acquired intangible assets resulting from lower-than-expected cash flows from the acquired assets.

Acquisitions are inherently risky and the inability to effectively manage these risks could have a material adverse effect on our operating results.

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We are at risk for impairment charges with respect to our investments or for acquired intangible assets or goodwill, which could have a material adverse effect on our results of operations.

As of December 31, 2014, we had \$491 million of investments, of which \$489 million consisted of debt securities. These debt securities are reported at fair value, with unrealized gains and losses, net of tax, recorded in shareholders' equity as other comprehensive income (loss) since these securities are designated as available-for-sale securities. As of December 31, 2014, our portfolio of debt securities had a net unrealized loss of \$102,000. Included in this net loss, were gross unrealized losses totaling \$680,000, of which \$664,000 were in a loss position for less than twelve months and \$16,000 were in a loss position for greater than twelve months. As of December 31, 2014, these unrealized losses were determined to be temporary. However, if conditions change and future unrealized losses were determined to be other-than-temporary, we would be required to record an impairment charge.

Management monitors the carrying value of its investments in debt securities compared to their fair value to determine whether an other-than-temporary impairment has occurred. In considering whether a decline in fair value is other-than-temporary, we consider many factors, both qualitative and quantitative. Management considers the type of security, the credit rating of the security, the length of time the security has been in a loss position, the size of the loss position, our ability and intent to hold the security to expected recovery of value, and other meaningful information. If a decline in fair value is determined to be other-than-temporary, an impairment charge would be recorded in current operations to reduce the carrying value of the investment to its fair value. Should the fair value of investments decline in future periods below their carrying value, management will need to determine whether this decline is other-than-temporary and future impairment charges may be required.

As of December 31, 2014, we had \$11 million in acquired intangible assets, of which \$6 million represented acquired distribution networks. These assets are susceptible to changes in fair value due to a decrease in the historical or projected cash flows from the use of the asset, which may be negatively impacted by economic trends. A decline in the cash flows generated by these assets, such as the revenue we are able to generate through our distribution network, may result in future impairment charges.

As of December 31, 2014, we had \$82 million in acquired goodwill, \$78 million of which is assigned to our Modular Vision Systems Division and \$4 million of which is assigned to our Surface Inspection Systems Division. The fair value of goodwill is susceptible to changes in the fair value of the reporting segments in which the goodwill resides, and therefore, a decline in our market capitalization or cash flows relative to the net book value of our segments may result in future impairment charges.

If we determine that any of these investments, acquired intangible assets, or goodwill is impaired, we would be required to take a related charge to earnings that could have a material adverse effect on our results of operations.

We may have additional tax liabilities, which could adversely affect our operating results and financial condition.

We are subject to income taxes in the United States, as well as numerous foreign jurisdictions. Significant judgment is required in determining our worldwide provision for income taxes. In the ordinary course of business, there are many transactions and calculations where the ultimate tax determination is uncertain. We are regularly under audit by tax authorities. Although we believe our tax positions are reasonable, the final determination of tax audits and any related litigation could be materially different than that which is reflected in our financial statements and could have a material adverse effect on our income tax provision, net income, or cash flows in the period in which the determination is made.

Information security breaches or business system disruptions may adversely affect our business.

We rely on our information technology infrastructure and management information systems to effectively run our business. We may be subject to information security breaches caused by illegal hacking, computer viruses, or acts of vandalism or terrorism. Our security measures or those of our third-party service providers may not detect or prevent such breaches. Any such compromise to our information security could result in a misappropriation of our cash or other assets, an interruption in our operations, the unauthorized publication of our confidential business or proprietary information, the unauthorized release of customer, vendor, or employee data, the violation of privacy or other laws, and the exposure to litigation, any of which could harm our business and operating results. Any disruption occurring with our management information systems may cause significant business disruption, including our ability to provide quotes, process orders, ship products, invoice customers, process payments, and otherwise run our business. Any

disruption occurring with these systems may have a material adverse effect on our operating results.

ITEM 1B: UNRESOLVED STAFF COMMENTS

There are no unresolved SEC staff comments as of the date of this report.

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ITEM 2: PROPERTIES

In 1994, Cognex purchased and renovated a 100,000 square-foot building located in Natick, Massachusetts that serves as our corporate headquarters. In 1997, Cognex completed construction of a 50,000 square-foot addition to this building. In 2009, the Company renovated space in this building to establish a distribution center for MVSD customers in the Americas. In 2014, the Company moved its distribution center for the Americas to a building adjacent to our corporate headquarters.

In 1995, Cognex purchased an 83,000 square-foot office building adjacent to our corporate headquarters. This building is currently occupied by tenants who have lease agreements that expire at various dates through 2021.

In 1997, Cognex purchased a three and one-half acre parcel of land adjacent to our corporate headquarters. This land is being held for future expansion.

In 2007, Cognex purchased a 19,000 square-foot building adjacent to our corporate headquarters. This building is partially occupied by a tenant who has a lease agreement that expires in 2017. In 2014, the Company moved its distribution center for MVSD customers in the Americas into a portion of this space. The building is currently under renovation to expand the distribution center.

On December 29, 2014, Cognex purchased the 50,000 square foot building in Cork, Ireland where we had previously leased space for several years. This facility serves as the distribution center for MVSD customers outside of the Americas.

Cognex conducts certain of its operations in leased facilities. These lease agreements expire at various dates through 2023. Certain of these leases contain renewal options, retirement obligations, escalation clauses, rent holidays, and leasehold improvement incentives.

ITEM 3: LEGAL PROCEEDINGS

In March 2013, the Company filed a lawsuit against Microscan Systems, Inc. (“Microscan”) and Code Corporation in the United States District Court for the Southern District of New York alleging that Microscan’s Mobile Hawk handheld imager infringes U.S. Patent 7,874,487 owned by the Company (the “’487 patent”). The lawsuit sought to prohibit Code Corporation from manufacturing the product, and Microscan from selling and distributing the product. The Company also sought monetary damages resulting from the alleged infringement. Late in the day on April 30, 2014, the jury found that Microscan willfully infringed the ‘487 patent and awarded Cognex \$2.6 million in damages. Following the verdict, Microscan filed motions requesting judgment as a matter of law on the issues of infringement, invalidity, and willfulness, as well as a motion to dismiss for lack of standing. The Company filed motions seeking treble damages (based on the finding of willfulness), attorneys’ fees as an exceptional case, and a permanent injunction against future infringement of the ‘487 patent and the import, manufacture and/or sale of Microscan’s Mobile Hawk product within the U.S. In June 2014, the court issued an order denying all of Microscan’s motions and the Company’s motion for treble damages, while granting the Company’s motion for permanent injunction (limited to enjoining future infringement of the ‘487 patent and the import, manufacture and/or sale of infringing versions of Microscan’s Mobile Hawk product within the U.S.) and the Company’s motion for attorneys’ fees, in part, pending a determination thereof following submission of supplemental briefs by both parties. In July 2014, Microscan filed a Notice of Appeal with the Federal Circuit appealing all orders, findings, and/or conclusions of the District Court that were adverse to Microscan. In August 2014, the Company filed a Notice of Appeal with the Federal Circuit appealing the order granting summary judgment that claims 23, 28, and 29 of the ‘487 patent are invalid. Also in August 2014, the Federal Circuit consolidated Microscan’s appeal and the Company’s appeal. In November 2014, the Company filed an unopposed motion to dismiss the Company's appeal, and in December 2014, the Court of Appeals granted the Company's motion to dismiss the Company's appeal. In January 2015, Microscan submitted their appeal brief asserting that the damage award should be vacated, the infringement judgment should be reversed, and that the remaining ‘487 claims are invalid.

In August 2014, Microscan filed a lawsuit against the Company in the United States District Court for the Southern District of New York alleging that the Company’s DataMan® 8500 handheld imager infringes U.S. Patent 6,352,204 (the “’204 patent”). The lawsuit sought to prohibit the Company from manufacturing, selling, and distributing the DataMan® 8500 product. Microscan also sought monetary damages resulting from the alleged infringement. In September 2014, the Company filed an Answer to the Complaint denying all allegations and asserting in a

counterclaim that the '204 patent is invalid. In October 2014, the Company filed an Amended Answer further explaining its counterclaim of invalidity. Also in October 2014, Microscan filed an Amended Complaint alleging that the Company's DataMan® 7500 and DataMan® 8600 also infringe the '204 patent. The Company subsequently responded in October 2014 with its Answer to the Amended Complaint. In December 2014, a Markman hearing regarding the legal construction of the relevant patent claim terms was held. In January 2015, the Court issued an order construing such patent claim

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terms, as the case continues to proceed. In early February 2015, the Company submitted summary judgment motions. Trial is scheduled to begin in April 2015. This matter is ongoing.

The Company cannot predict the outcome of the above-referenced pending matter and an adverse resolution of this lawsuit could have a material adverse effect on the Company's financial position, liquidity, results of operations, and/or indemnification obligations. In addition, various other claims and legal proceedings generally incidental to the normal course of business are pending or threatened on behalf of or against the Company. While we cannot predict the outcome of these incidental matters, we believe that any liability arising from them will not have a material adverse effect on our financial position, liquidity, or results of operations.

ITEM 4: MINE SAFETY DISCLOSURES

Not applicable.

ITEM 4A: EXECUTIVE OFFICERS OF THE REGISTRANT

The following table sets forth the names, ages, and titles of Cognex's executive officers as of December 31, 2014:

Name	Age	Title
Robert J. Shillman	68	Chairman of the Board of Directors and Chief Culture Officer
Robert J. Willett	47	President and Chief Executive Officer
Richard A. Morin	65	Executive Vice President of Finance and Administration and Chief Financial Officer

Executive officers are elected annually by the Board of Directors. There are no family relationships among the directors and executive officers of the Company.

Dr. Shillman, Mr. Willett, and Mr. Morin have been employed by Cognex for no less than the past five years.

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PART II

ITEM 5: MARKET FOR REGISTRANT'S COMMON EQUITY, RELATED STOCKHOLDER MATTERS, AND ISSUER PURCHASES OF EQUITY SECURITIES

The Company's common stock is traded on The NASDAQ Stock Market LLC, under the symbol CGNX. As of February 1, 2015, there were approximately 700 shareholders of record of the Company's common stock. The Company believes the number of beneficial owners of the Company's common stock on that date was substantially greater.

In July 2013, the Company's Board of Directors declared a two-for-one stock split of the Company's common stock, which was effected through a stock dividend distributed on September 16, 2013. All references made to share or per share amounts in the tables and narratives below have been restated to reflect the effect of this two-for-one stock split. The high and low sales prices of the Company's common stock as reported by the NASDAQ Stock Market for each quarter in 2014 and 2013 were as follows:

	First	Second	Third	Fourth
2014				
High	\$40.14	\$39.67	\$45.80	\$42.49
Low	32.83	30.66	37.43	35.16
2013				
High	\$21.76	\$23.24	\$32.60	\$38.60
Low	18.38	18.43	22.66	29.22

In December 2012, the Company's Board of Directors declared and paid a dividend of \$0.055 per share that would typically have been declared in the first quarter of 2013 in conjunction with the 2012 earnings release. A special dividend of \$0.50 per share was also declared and paid in December 2012 to replace expected quarterly dividend declarations for the next eight quarters, beginning in 2013. The additional \$0.055 dividend and the \$0.50 dividend were accelerated due to the anticipated increase in the federal tax on dividends paid after December 31, 2012. Due to these accelerated payments, no cash dividends were declared or paid in 2013 or 2014. Future dividends will be declared at the discretion of the Company's Board of Directors and will depend upon such factors as the Board deems relevant, including, among other things, the Company's ability to generate positive cash flow from operations.

In April 2008, the Company's Board of Directors authorized the repurchase of up to \$50,000,000 of the Company's common stock, primarily as a means to reduce the dilutive effect of employee stock options. Stock repurchases under this program were completed in 2013. In November 2011, the Company's Board of Directors authorized the repurchase of up to \$80,000,000 of the Company's common stock. Purchases under this 2011 program began in the third quarter of 2013 upon completion of the 2008 program. As of December 31, 2014, the Company had repurchased a total of 2,243,000 shares at a cost of \$80,000,000 under this 2011 program, including 1,351,000 shares at a cost of \$52,095,000 in 2014. Stock repurchases under this program are now complete. In April 2014, the Company's Board of Directors authorized the repurchase of an additional \$50,000,000 of the Company's common stock. Purchases under this 2014 program began in the fourth quarter of 2014 upon completion of the 2011 program. In 2014, the Company repurchased a total of 183,000 shares at a cost of \$7,578,000 under this 2014 program. The Company may repurchase shares under this program in future periods depending on a variety of factors, including, among other things, the impact of dilution from employee stock options, stock price, share availability, and cash requirements.

The following table sets forth information with respect to purchases by the Company of shares of its common stock during the periods indicated:

	Total Number of Shares Purchased	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
September 29 – October 26, 2014	—	—	—	\$66,952,000
October 27 – November 23, 2014	302,000	40.36	302,000	\$54,767,000
November 24 – December 31, 2014	300,000	41.14	300,000	\$42,422,000

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Total	602,000	40.75	602,000	\$42,422,000
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Set forth below is a line graph comparing the annual percentage change in the cumulative total shareholder return on the Company's common stock, based upon the market price of the Company's common stock, with the total return on companies within the Nasdaq Composite Index and the Research Data Group, Inc. Nasdaq Lab Apparatus & Analytical, Optical, Measuring & Controlling Instrument (SIC 3820-3829 US Companies) Index (the "Nasdaq Lab Apparatus Index"). The performance graph assumes an investment of \$100 in each of the Company and the two indices, and the reinvestment of any dividends. The historical information set forth below is not necessarily indicative of future performance. Data for the Nasdaq Composite Index and the Nasdaq Lab Apparatus Index was provided to the Company by Research Data Group, Inc.

*\$100 invested on 12/31/2008 in stock or index, including reinvestment of dividends. Fiscal year ending December 31.

	12/09	12/10	12/11	12/12	12/13	12/14
Cognex Corporation	100.00	168.04	206.72	221.48	459.69	497.61
NASDAQ Composite	100.00	117.61	118.70	139.00	196.83	223.74
NASDAQ Stocks (SIC 3820-3829 U.S. Companies) Lab Apparatus & Analyt,Opt, Measuring, and Controlling Instr	100.00	126.83	131.40	151.59	195.61	208.30

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ITEM 6: SELECTED FINANCIAL DATA

Year Ended December 31,		
2014	2013	2012