

ExOne Co
Form POS AM
August 18, 2016
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As filed with the Securities and Exchange Commission on August 18, 2016

Registration No. 333-203353

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

Post-Effective Amendment No. 1

to

FORM S-3

REGISTRATION STATEMENT

UNDER

THE SECURITIES ACT OF 1933

The ExOne Company

and certain subsidiaries identified in the Table of Additional Registrants below

(Exact name of registrant as specified in its charter)

Delaware
(State or other jurisdiction of
incorporation or organization)

46-1684608
(I.R.S. Employer
Identification No.)

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127 Industry Boulevard

North Huntingdon, Pennsylvania 15642

(724) 863-9663

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

JoEllen Lyons Dillon

Executive Vice President, Chief Legal Officer

and Corporate Secretary

The ExOne Company

127 Industry Boulevard

North Huntingdon, Pennsylvania 15642

(724) 863-9663

(Name, address, including zip code, and telephone number, including area code, of agent for service)

Copy to:

Hannah T. Frank

McGuireWoods LLP

625 Liberty Avenue, 23rd Floor

Pittsburgh, Pennsylvania 15222

(412) 667-7936

APPROXIMATE DATE OF COMMENCEMENT OF PROPOSED SALE TO THE PUBLIC: From time to time after the effective date of this registration statement.

If the only securities being registered on this Form are being offered pursuant to dividend or interest reinvestment plans, please check the following box.

If any of the securities being registered on this Form are to be offered on a delayed or continuous basis pursuant to Rule 415 under the Securities Act of 1933, other than securities offered only in connection with dividend or interest reinvestment plans, check the following box.

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If this Form is filed to register additional securities for an offering pursuant to Rule 462(b) under the Securities Act, please check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering.

If this Form is a post-effective amendment filed pursuant to Rule 462(c) under the Securities Act, check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering.

If this Form is a registration statement pursuant to General Instruction I.D. or a post-effective amendment thereto that shall become effective on filing with the Commission pursuant to Rule 462(e) under the Securities Act, check the following box.

If this Form is a post-effective amendment to a registration statement filed pursuant to General Instruction I.D. filed to register additional securities or additional classes of securities pursuant to Rule 413(b) under the Securities Act, check the following box.

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 | <input type="checkbox"/> | Accelerated filer | <input checked="" type="checkbox"/> |
| Non-accelerated filer | <input type="checkbox"/> (Do not check if a smaller reporting company) | Smaller reporting company | <input type="checkbox"/> |

The Registrant hereby amends this registration statement on such date or dates as may be necessary to delay its effective date until the Registrant shall file a further amendment which specifically states that this registration statement shall thereafter become effective in accordance with Section 8(a) of the Securities Act or until the registration statement shall become effective on such date as the Securities and Exchange Commission, acting pursuant to said Section 8(a), may determine.

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The following subsidiaries of the Registrant may guarantee the debt securities issued hereunder and are co-registrants under this registration statement. The address, including zip code, and telephone number, including area code, for each of the co-registrants is c/o The ExOne Company, 127 Industry Boulevard, North Huntingdon, Pennsylvania 15642, (724) 863-9663.

| Name of Co-Registrant | Jurisdiction of Incorporation or Organization | I.R.S Employer Identification No. |
|-----------------------------------|--|--|
| ExOne KK | Japan | N/A |
| ExOne GmbH | Germany | N/A |
| MWT Gesellschaft für Industrielle | | |
| Mikrowellentechnik mbH | Germany | N/A |
| ExOne Italy S.r.l | Italy | N/A |
| ExOne Americas LLC | Delaware | 26-1903443 |
| ExOne Property GmbH | Germany | N/A |

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Explanatory Note

This Post-Effective Amendment No. 1 to the Registration Statement on Form S-3 (333-203353) is being filed for the purpose of updating the Registration Statement as of a result of The ExOne Company regaining its eligibility to use Form S-3 subsequent to a late filing of its Quarterly Report on Form 10-Q for the period ending March 31, 2015. No additional securities are being registered under this Post-Effective Amendment. All applicable registration fees were paid at the time of the original filing of the Registration Statement.

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The information in this prospectus is not complete and may be changed. These securities may not be sold until the registration statement filed with the Securities and Exchange Commission is effective. This preliminary prospectus is not an offer to sell nor does it seek an offer to buy these securities in any jurisdiction where the offer or sale is not permitted.

SUBJECT TO COMPLETION, DATED AUGUST 18, 2016.

PROSPECTUS

The ExOne Company

127 Industry Boulevard

North Huntingdon, Pennsylvania 15642

(724) 863-9663

\$150,000,000

Common Stock

Preferred Stock

Debt Securities

Warrants

Units

We may offer and sell up to \$150,000,000, in the aggregate, of an indeterminate number of the securities identified above from time to time in one or more offerings. We may offer these securities separately or as units, which may include combinations of the securities. This prospectus provides you with a general description of the securities. Our debt securities may be guaranteed by one or more of the co-registrants, each of which is a wholly-owned subsidiary of The ExOne Company.

Each time we offer and sell securities, we will provide a supplement to this prospectus that contains specific information about the offering and the amounts, prices and terms of the securities. The supplement may also add, update or change information contained in this prospectus with respect to that offering. You should carefully read this prospectus and the applicable prospectus supplement before you invest in any of our securities.

We may offer and sell the securities described in this prospectus and any prospectus supplement to or through one or more underwriters, dealers and agents, or directly to purchasers, or through a combination of these methods. If any underwriters, dealers or agents are involved in the sale of

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any of the securities, their names and any applicable purchase price, fee, commission or discount arrangement between or among them will be set forth, or will be calculable from the information set forth, in the applicable prospectus supplement. See the sections of this prospectus entitled "About this Prospectus" and "Plan of Distribution" for more information. No securities may be sold without delivery of this prospectus and the applicable prospectus supplement describing the method and terms of the offering of such securities.

Our common stock is listed on The NASDAQ Global Market under the symbol XONE. On August 17, 2016, the last reported sale price of our common stock on The NASDAQ Global Market was \$13.81 per share.

Investing in our securities involves risks. See the Risk Factors on page 3 of this prospectus and any similar section contained in the applicable prospectus supplement concerning factors you should consider before investing in our securities.

Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of these securities or passed upon the adequacy or accuracy of this prospectus. Any representation to the contrary is a criminal offense.

The date of this prospectus is _____, 2016.

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ABOUT THIS PROSPECTUS

This prospectus is part of a registration statement that we filed with the U.S. Securities and Exchange Commission, or the SEC, using a shelf registration process. By using a shelf registration statement, we may sell securities from time to time and in one or more offerings up to a total dollar amount of \$150,000,000 as described in this prospectus. Each time that we offer and sell securities, we will provide a prospectus supplement to this prospectus that contains specific information about the securities being offered and sold and the specific terms of that offering. The prospectus supplement may also add, update or change information contained in this prospectus with respect to that offering. If there is any inconsistency between the information in this prospectus and the applicable prospectus supplement, you should rely on the prospectus supplement. Before purchasing any securities, you should carefully read both this prospectus and the applicable prospectus supplement, together with the additional information described under the heading **Where You Can Find More Information; Incorporation by Reference**.

Our debt securities may be guaranteed by one or more of the co-registrants, each of which is a wholly-owned subsidiary of The ExOne Company. Any such guarantees will be full and conditional, joint and several, and will be described in the applicable prospectus supplement for the debt securities to which such guarantees relate.

This prospectus may not be used to offer or sell any securities unless accompanied by a prospectus supplement relating to the securities offered.

You should rely only on the information contained or incorporated by reference in this prospectus and in any prospectus supplement or other offering material. We have not authorized any other person to provide you with different information. If anyone provides you with different or inconsistent information, you should not rely on it. We will not make an offer to sell these securities in any jurisdiction where the offer or sale is not permitted. You should assume that the information appearing in this prospectus and the applicable prospectus supplement to this prospectus is accurate as of the date on its respective cover, and that any information incorporated by reference is accurate only as of the date of the document incorporated by reference, unless we indicate otherwise. Our business, financial condition, results of operations and prospects may have changed since those dates.

When we refer to **ExOne**, **we**, **our**, **us** and the **Company** in this prospectus, we mean The ExOne Company and its subsidiaries, unless otherwise specified. When we refer to **you**, we mean the holders of the applicable series of securities.

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THE COMPANY

Our Company

ExOne is a global provider of 3D printing machines and 3D printed and other products, materials and services to industrial customers. ExOne's business primarily consists of manufacturing and selling 3D printing machines and printing products to specification for its customers using its installed base of 3D printing machines. ExOne's machines serve direct and indirect applications. Direct printing produces a component; indirect printing makes a tool to produce a component. ExOne offers pre-production collaboration and prints products for customers through its network of Production Service Centers. ExOne also supplies the associated materials, including consumables and replacement parts, and other services, including training and technical support that is necessary for purchasers of its 3D printing machines to print products.

Corporate Information

Our principal executive offices are located at 127 Industry Boulevard, North Huntingdon, Pennsylvania 15642, and our telephone number is (724) 863-9663. Our corporate website address is www.exone.com. The information contained on, or accessible from, our corporate website is not part of this prospectus, and you should not consider information contained on our website to be a part of this prospectus or in deciding whether to purchase our securities.

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RISK FACTORS

Investment in any securities offered pursuant to this prospectus and the applicable prospectus supplement involves risks. You should carefully consider the risk factors incorporated by reference to our most recent Annual Report on Form 10-K and any subsequent Quarterly Reports on Form 10-Q or Current Reports on Form 8-K we file after the date of this prospectus, and all other information contained or incorporated by reference into this prospectus, as updated by our subsequent filings under the Securities Exchange Act of 1934, as amended, which we refer to as the Exchange Act in this prospectus, and the risk factors and other information contained in the applicable prospectus supplement before acquiring any of such securities. The occurrence of any of these risks might cause you to lose all or part of your investment in our securities.

Table of Contents**RATIO OF EARNINGS TO FIXED CHARGES**

The following table sets forth the historical ratios of earnings to fixed charges for ExOne for the periods indicated (in thousands):

| | Six Months Ended | | Year Ended December 31, | | | |
|------------------------------------|-------------------------|-------------|--------------------------------|-------------|-------------|-------------|
| | June 30, | 2015 | 2014 | 2013 | 2012 | 2011 |
| | 2016 | | | | | |
| Ratio of earnings to fixed charges | (A) | (A) | (A) | (A) | (A) | (A) |

(A) A deficiency of earnings to cover fixed charges of \$8,401, \$26,038, \$21,684, \$5,947, \$8,693 and \$6,586 exists for the six months ended June 30, 2016 and for the years ended December 31, 2015, 2014, 2013, 2012 and 2011, respectively.

For purposes of calculating the ratio of earnings to fixed charges, earnings represent loss before income taxes and fixed charges. Fixed charges consist of interest expense and the amount representative of interest factor in rents. For the periods indicated above, we had no outstanding shares of preferred stock with required dividend payments. Therefore, the ratios of earnings to combined fixed charges and preferred stock dividends are identical to the ratios presented in the tables above.

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CAUTIONARY NOTE REGARDING FORWARD-LOOKING STATEMENTS

This prospectus may contain forward-looking statements within the meaning of the Private Securities Litigation Reform Act with respect to our future financial or business performance, strategies, or expectations. Forward-looking statements typically are identified by words or phrases such as trend, potential, opportunity, pipeline, believe, comfortable, expect, anticipate, current, intention, estimate, position, continue, remain, maintain, sustain, seek, achieve, as well as similar expressions, or future or conditional verbs such as will, would, could and may.

We caution that forward-looking statements are subject to numerous assumptions, risks and uncertainties, which change over time. Forward-looking statements speak only as of the date they are made and we assume no duty to and do not undertake to update forward-looking statements. Actual results could differ materially from those anticipated in forward-looking statements and future results could differ materially from historical performance.

In addition to risk factors previously disclosed in our reports and those identified elsewhere in this prospectus, the following factors, among others, could cause results to differ materially from forward-looking statements or historical performance:

timing and length of sales of machines;

risks related to global operations including effects of foreign currency and risks related to the situation in the Ukraine;

our ability to qualify more industrial materials in which we can print;

the availability of skilled personnel;

the impact of increased operating expenses and expenses relating to proposed investments and alliances;

our strategy, including the expansion and growth of our operations;

the impact of loss of key management;

our plans regarding increased international operations in additional international locations;

sufficiency of funds for required capital expenditures, working capital, and debt service;

the adequacy of sources of liquidity;

expectations regarding demand for our industrial products, operating revenues, operating and maintenance expenses, insurance expenses and deductibles, interest expenses, debt levels, and other matters with regard to outlook;

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demand for aerospace, automotive, heavy equipment, energy/oil/gas and other industrial products;

individual customer contractual requirements;

the scope, nature or impact of alliances and strategic investments and our ability to integrate strategic investments;

liabilities under laws and regulations protecting the environment;

the impact of governmental laws and regulations;

operating hazards, war, terrorism and cancellation or unavailability of insurance coverage;

the effect of litigation and contingencies;

the impact of disruption of our manufacturing facilities or production service centers;

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the adequacy of our protection of our intellectual property;

material weaknesses in our internal control over financial reporting;

impact of customer specific terms in machine sales agreements on the period in which we recognize revenue;

impact of market conditions and other factors on the contingency value of long-lived assets;

our ability to continue as a going concern; and

the possible impact of the recent vote in the U.K. to withdraw from the European Union.

These and other important factors, including those discussed under **Risk Factors** in this prospectus, may cause our actual results of operations to differ materially from any future results of operations expressed or implied by the forward looking statements contained in this prospectus. Before making a decision to purchase our common stock, you should carefully consider all of the factors identified in this prospectus that could cause actual results to differ from these forward looking statements.

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USE OF PROCEEDS

Unless otherwise indicated in the applicable prospectus supplement, we intend to use the net proceeds from the sale of our securities offered hereby for general corporate purposes, which may include working capital, capital expenditures, debt repayment or acquisitions. Our management will retain broad discretion in the allocation of the net proceeds.

PLAN OF DISTRIBUTION

We may sell the securities from time to time pursuant to underwritten public offerings, negotiated transactions, block trades or a combination of these methods or through underwriters or dealers, through agents and/or directly to one or more purchasers. The securities may be distributed from time to time in one or more transactions:

at a fixed price or prices, which may be changed;

at market prices prevailing at the time of sale;

at prices related to such prevailing market prices; or

at negotiated prices.

Each time that we sell securities covered by this prospectus, we will provide a prospectus supplement or supplements that will describe the method of distribution and set forth the terms and conditions of the offering of such securities, including the offering price of the securities and the proceeds to us, if applicable.

Offers to purchase the securities being offered by this prospectus may be solicited directly. Agents may also be designated to solicit offers to purchase the securities from time to time. Any agent involved in the offer or sale of our securities will be identified in a prospectus supplement.

If a dealer is utilized in the sale of the securities being offered by this prospectus, the securities will be sold to the dealer, as principal. The dealer may then resell the securities to the public at varying prices to be determined by the dealer at the time of resale.

If an underwriter is utilized in the sale of the securities being offered by this prospectus, an underwriting agreement will be executed with the underwriter at the time of sale and the name of any underwriter will be provided in the prospectus supplement that the underwriter will use to make resales of the securities to the public. In connection with the sale of the securities, we or the purchasers of securities for whom the underwriter may act as agent, may compensate the underwriter in the form of underwriting discounts or commissions. The underwriter may sell the securities to or through dealers, and those dealers may receive compensation in the form of discounts, concessions or commissions from the underwriters and/or commissions from the purchasers for which they may act as agent. Unless otherwise indicated in a prospectus supplement, an agent will be acting on a best efforts basis and a dealer will purchase securities as a principal, and may then resell the securities at varying prices to be determined by the dealer.

Any compensation paid to underwriters, dealers or agents in connection with the offering of the securities, and any discounts, concessions or commissions allowed by underwriters to participating dealers will be provided in the applicable prospectus supplement. Underwriters, dealers and agents participating in the distribution of the securities may be deemed to be underwriters within the meaning of the Securities Act of 1933, as amended, which we refer to as the Securities Act in this prospectus, and any discounts and commissions received by them and any profit realized by them on resale of the securities may be deemed to be underwriting discounts and commissions. We may enter into agreements to indemnify underwriters, dealers and agents against civil liabilities, including liabilities under the Securities Act, or to contribute to payments they may be required to make in respect thereof and to reimburse those persons for certain expenses.

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Any common stock will be listed on The NASDAQ Global Market, but any other securities may or may not be listed on a national securities exchange. To facilitate the offering of securities, certain persons participating in the offering may engage in transactions that stabilize, maintain or otherwise affect the price of the securities. This may include over-allotments or short sales of the securities, which involve the sale by persons participating in the offering of more securities than were sold to them. In these circumstances, these persons would cover such over-allotments or short positions by making purchases in the open market or by exercising their over-allotment option, if any. In addition, these persons may stabilize or maintain the price of the securities by bidding for or purchasing securities in the open market or by imposing penalty bids, whereby selling concessions allowed to dealers participating in the offering may be reclaimed if securities sold by them are repurchased in connection with stabilization transactions. The effect of these transactions may be to stabilize or maintain the market price of the securities at a level above that which might otherwise prevail in the open market. These transactions may be discontinued at any time.

If indicated in the applicable prospectus supplement, underwriters or other persons acting as agents may be authorized to solicit offers by institutions or other suitable purchasers to purchase the securities at the public offering price set forth in the prospectus supplement, pursuant to delayed delivery contracts providing for payment and delivery on the date or dates stated in the prospectus supplement. These purchasers may include, among others, commercial and savings banks, insurance companies, pension funds, investment companies and educational and charitable institutions. Delayed delivery contracts will be subject to the condition that the purchase of the securities covered by the delayed delivery contracts will not at the time of delivery be prohibited under the laws of any jurisdiction in the United States to which the purchaser is subject. The underwriters and agents will not have any responsibility with respect to the validity or performance of these contracts.

We may engage in at the market offerings into an existing trading market in accordance with Rule 415(a)(4) under the Securities Act. In addition, we may enter into derivative transactions with third parties, or sell securities not covered by this prospectus to third parties in privately negotiated transactions. If the applicable prospectus supplement so indicates, in connection with those derivatives, the third parties may sell securities covered by this prospectus and the applicable prospectus supplement, including in short sale transactions. If so, the third party may use securities pledged by us or borrowed from us or others to settle those sales or to close out any related open borrowings of stock, and may use securities received from us in settlement of those derivatives to close out any related open borrowings of stock. The third party in such sale transactions will be an underwriter and, if not identified in this prospectus, will be named in the applicable prospectus supplement (or a post-effective amendment). In addition, we may otherwise loan or pledge securities to a financial institution or other third party that in turn may sell the securities short using this prospectus and an applicable prospectus supplement. Such financial institution or other third party may transfer its economic short position to investors in our securities or in connection with a concurrent offering of other securities.

The specific terms of any lock-up provisions in respect of any given offering will be described in the applicable prospectus supplement.

The underwriters, dealers and agents may engage in transactions with us, or perform services for us, in the ordinary course of business for which they receive compensation.

In addition, any securities covered by this prospectus which qualify for sale pursuant to Rule 144 or Rule 144A under the Securities Act may be sold under Rule 144 or Rule 144A, rather than pursuant to this prospectus.

DESCRIPTION OF CAPITAL STOCK

The following description of our capital stock is not complete and may not contain all the information you should consider before investing in our capital stock. This description is summarized from, and qualified in its entirety by reference to, our certificate of incorporation, which has been publicly filed with the SEC. See [Where You Can Find More Information; Incorporation by Reference](#).

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Our authorized capital stock consists of:

200,000,000 shares of common stock, par value \$0.01 per share, and

50,000,000 shares of preferred stock, par value \$0.01 per share.

As of August 9, 2016, we had approximately 16,067,620 shares of common outstanding, which were held of record by approximately 22 stockholders. No shares of preferred stock are outstanding.

Common Stock

Holders of our common stock are entitled to one vote for each share held of record on all matters submitted to a vote of the stockholders, and do not have cumulative voting rights. Subject to preferences that may be applicable to any then outstanding preferred stock, holders of common stock are entitled to receive dividends, if any, as and when declared by our Board of Directors. All outstanding shares of common stock are fully paid and non-assessable. Holders of common stock have no preemptive, conversion or subscription rights, and there are no redemption or sinking fund provisions applicable to the common stock. The rights, preferences and privileges of the holders of common stock are subject to, and may be adversely affected by, the rights of the holders of shares of any series of preferred stock, which we may designate in the future. In the event of any liquidation, dissolution or winding-up of our affairs, holders of common stock will be entitled to share ratably in our assets that are remaining after payment or provision for payment of all of our debts and obligations and after liquidation payments to holders of outstanding shares of preferred stock, if any.

Transfer Agent and Registrar of Common Stock

The transfer agent and registrar for our common stock is American Stock Transfer and Trust Company, LLC.

Preferred Stock

We currently have no outstanding shares of preferred stock. Under our certificate of incorporation, our Board of Directors is authorized to issue shares of our preferred stock from time to time, in one or more classes or series, without stockholder approval. Our Board of Directors can also determine the number of shares of each class or series and the rights, preferences and limitations of each class or series including the dividend rights, voting rights, conversion rights, redemption rights and any liquidation preferences, the number of shares constituting each class or series and the terms and conditions of issue. Prior to the issuance of shares of each class or series, our Board of Directors is required by the General Corporation Law of the State of Delaware, or the DGCL, and our certificate of incorporation to adopt resolutions and file a certificate of designation with the Secretary of State of the State of Delaware. The certificate of designation fixes for each class or series the designations, powers, preferences, rights, qualifications, limitations and restrictions, including the following:

the number of shares constituting each class or series;

voting rights;

rights and terms of redemption, including sinking fund provisions;

dividend rights and rates;

dissolution;

terms concerning the distribution of assets;

conversion or exchange terms;

redemption prices; and

liquidation preferences.

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All shares of preferred stock offered by this prospectus will, when issued, be fully paid and non-assessable and will not have any preemptive or similar rights. Our Board of Directors could authorize the issuance of additional shares of preferred stock with terms and conditions that could have the effect of discouraging a takeover or other transaction that might involve a premium price for holders of the shares or that holders might believe to be in their best interests.

We will describe in a prospectus supplement relating to the class or series of preferred stock being offered the following terms:

the title and stated value of the preferred stock;

the number of shares of the preferred stock offered, the liquidation preference per share and the offering price of the preferred stock;

the dividend rate(s), period(s) or payment date(s) or method(s) of calculation applicable to the preferred stock;

whether dividends are cumulative or non-cumulative and, if cumulative, the date from which dividends on the preferred stock will accumulate;

the procedures for any auction and remarketing, if any, for the preferred stock;

the provisions for a sinking fund, if any, for the preferred stock;

the provision for redemption, if applicable, of the preferred stock;

any listing of the preferred stock on any securities exchange;

the terms and conditions, if applicable, upon which the preferred stock will be convertible into common stock, including the conversion price or manner of calculation and conversion period;

voting rights, if any, of the preferred stock;

a discussion of any material or special U.S. federal income tax considerations applicable to the preferred stock;

the relative ranking and preferences of the preferred stock as to dividend rights and rights upon the liquidation, dissolution or winding up of our affairs;

any limitations on issuance of any class or series of preferred stock ranking senior to or on a parity with the class or series of preferred stock as to dividend rights and rights upon liquidation, dissolution or winding up of our affairs; and

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any other specific terms, preferences, rights, limitations or restrictions of the preferred stock. The transfer agent and registrar for the preferred stock will be identified in the applicable prospectus supplement.

Unless we specify otherwise in the applicable prospectus supplement, the preferred stock will rank, relating to dividends and upon our liquidation, dissolution or winding up:

senior to all classes or series of our common stock and to all of our equity securities ranking junior to the preferred stock;

on a parity with all of our equity securities the terms of which specifically provide that the equity securities rank on a parity with the preferred stock; and

junior to all of our equity securities the terms of which specifically provide that the equity securities rank senior to the preferred stock.

The term equity securities does not include convertible debt securities.

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Anti-Takeover Provisions

Several of the provisions in our certificate of incorporation and bylaws are intended to enhance the likelihood of continuity and stability in the composition of our Board of Directors and could make it more difficult to acquire control of us by means of a tender offer, open market purchases, a proxy contest or otherwise. In addition, Delaware law imposes certain restrictions regulating corporate takeovers. We expect that these provisions will discourage coercive takeover practices or inadequate takeover bids. These provisions are also designed to encourage persons seeking to acquire control of us to first negotiate with our Board of Directors, which we believe may result in an improvement of the terms of any such acquisition in favor of our stockholders. However, they also give our Board of Directors the power to discourage acquisitions that some stockholders may favor.

No Cumulative Voting. The holders of our common stock are not entitled to cumulate their votes for the election of one or more directors or for any other purpose.

Removal of Directors. No director may be removed except for cause, and directors may be removed for cause only by an affirmative vote of shares representing a majority of the shares then entitled to vote at an election of directors, voting together as a single class. Any vacancy occurring on our Board of Directors and any newly created directorship may be filled only by a majority of the remaining directors in office. This provision may only be amended by the affirmative vote of holders of at least 75% of the voting power of our outstanding shares of voting stock, voting together as a single class.

Special Stockholder Meetings. Our certificate of incorporation and our bylaws provide that special meetings of our stockholders may be called only by the chairman of our Board of Directors or by a majority of the directors. Our certificate of incorporation and our bylaws specifically deny the power of any other person to call a special meeting; provided, however, that special meetings of the stockholders shall be called by our Board of Directors upon written request to the Secretary of the Company by one or more stockholders of the Company holding shares representing in the aggregate not less than 20% of the total number of votes entitled to be cast on the matter or matters to be brought before the proposed special meeting. This provision may only be amended by the affirmative vote of holders of at least 75% of the voting power of our outstanding shares of voting stock, voting together as a single class.

Stockholder Action by Written Consent. Our certificate of incorporation provides that holders of our common stock are not able to act by written consent without a meeting, unless such consent is unanimous. This provision may only be amended by the affirmative vote of holders of at least 75% of the voting power of our outstanding shares of voting stock, voting together as a single class.

Issuance of Undesignated Preferred Stock. Our certificate of incorporation provides our Board of Directors with the authority, without further action by the stockholders, to issue up to 50,000,000 shares of undesignated preferred stock with rights and preferences, including voting rights, designated from time to time by our Board of Directors.

Stockholder Advance Notice Provisions. Our bylaws impose procedural requirements for stockholders who wish to make nominations of candidates for election as directors or to bring other business before an annual meeting of our stockholders.

Exclusive Forum Bylaw. Our bylaws provide that a state court in the State of Delaware (or, if no state court located in Delaware has jurisdiction, the federal district court for the District of Delaware) shall be the exclusive forum for (i) any derivative action or proceeding brought on behalf of the Company, (ii) any action asserting a claim of breach of a fiduciary duty owed by any director or officer or other employee of the Company to the Company or the Company's stockholders, (iii) any action asserting a claim against the Company or any director or officer or other employee of the Company arising pursuant to any provision of the Delaware General

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Corporation Law or the Company's certificate of incorporation or bylaws (as either may be amended from time to time), or (iv) any action asserting a claim against the Company or any director or officer or other employee of the Company governed by the internal affairs doctrine.

Delaware Business Combination Statute. We are governed by the provisions of Section 203 of the DGCL, which regulates corporate takeovers. With limited exceptions, Section 203 prevents an interested stockholder, which is defined generally as a person owning 15% or more of a corporation's outstanding voting stock, or any affiliate or associate of that person, from engaging in a broad range of business combinations with the corporation for three years after becoming an interested stockholder unless:

the Board of Directors of the corporation had previously approved either the business combination or the transaction that resulted in the stockholder's becoming an interested stockholder;

upon completion of the transaction that resulted in the stockholder's becoming an interested stockholder, that person owned at least 85% of the voting stock of the corporation outstanding at the time the transaction commenced, excluding stock owned by directors who are also officers of the corporation and stock owned by employee stock plans in which employee participants do not have the right to determine confidentially whether shares held subject to the plan will be tendered in a tender or exchange offer; or

following the transaction in which that person became an interested stockholder, the business combination is approved by our Board of Directors of the corporation and holders of at least two-thirds of the outstanding voting stock not owned by the interested stockholder.

The provisions of the DGCL, our amended and restated certificate of incorporation and our amended and restated bylaws could have the effect of discouraging others from attempting hostile takeovers and, as a consequence, they may also inhibit temporary fluctuations in the market price of our common stock that often result from actual or rumored hostile takeover attempts. These provisions may also have the effect of preventing changes in our management. It is possible that these provisions could make it more difficult to accomplish transactions that stockholders may otherwise deem to be in their best interests.

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DESCRIPTION OF DEBT SECURITIES AND GUARANTEES

The following description, together with the additional information we include in any applicable prospectus supplement, summarizes certain general terms and provisions of the debt securities that we may offer under this prospectus. When we offer to sell a particular series of debt securities, we will describe the specific terms of the series in a supplement to this prospectus. We will also indicate in the supplement to what extent the general terms and provisions described in this prospectus apply to a particular series of debt securities. To the extent the information contained in the prospectus supplement differs from this summary description, you should rely on the information in the prospectus supplement.

We may issue debt securities either separately, or together with, or upon the conversion or exercise of or in exchange for, other securities described in this prospectus. Debt securities may be our senior, senior subordinated or subordinated obligations and, unless otherwise specified in a supplement to this prospectus, the debt securities will be our direct, unsecured obligations and may be issued in one or more series. Our debt securities may be guaranteed by one or more of the co-registrants, each of which is a wholly-owned subsidiary of The ExOne Company. Any such guarantees will be full and conditional, joint and several, and will be described in the applicable prospectus supplement for the debt securities to which such guarantees relate.

Each prospectus supplement will describe, as to the debt securities to which it relates, any guarantees by our subsidiaries that may guarantee the debt securities, including the identity of the subsidiaries that will be the initial guarantors of the series and the terms of subordination, if any, of any such guarantee. The applicable prospectus supplement will also describe provisions for the release of guarantor subsidiaries from their guarantees.

The debt securities will be issued under an indenture between us and a trustee named in the prospectus supplement. We have summarized select portions of the indenture below. The summary is not complete. The form of the indenture has been filed as an exhibit to the registration statement, and you should read the indenture for provisions that may be important to you. In the summary below, we have included references to the section numbers of the indenture so that you can easily locate these provisions. Capitalized terms used in the summary and not defined herein have the meanings specified in the indenture.

As used in this section only, The ExOne Company, ExOne, we, our or us refer to The ExOne Company, excluding our subsidiaries, unless expressly stated or the context otherwise requires.

General

The terms of each series of debt securities will be established by or pursuant to a resolution of our Board of Directors and set forth or determined in the manner provided in a resolution of our Board of Directors, in an officer's certificate or by a supplemental indenture. (Section 2.2) The particular terms of each series of debt securities will be described in a prospectus supplement relating to such series (including any pricing supplement or term sheet).

We can issue an unlimited amount of debt securities under the indenture that may be in one or more series with the same or various maturities, at par, at a premium, or at a discount. (Section 2.1) We will set forth in a prospectus supplement (including any pricing supplement or term sheet) relating to any series of debt securities being offered, the aggregate principal amount and the following terms of the debt securities, if applicable:

the title and ranking of the debt securities (including the terms of any subordination provisions);

the price or prices (expressed as a percentage of the principal amount) at which we will sell the debt securities;

any limit on the aggregate principal amount of the debt securities;

the date or dates on which the principal on a particular series of debt securities is payable;

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the rate or rates (which may be fixed or variable) per annum or the method used to determine the rate or rates (including any commodity, commodity index, stock exchange index or financial index) at which the debt securities will bear interest, the date or dates from which interest will accrue, the date or dates on which interest will commence and be payable and any regular record date for the interest payable on any interest payment date;

the place or places where principal of, and interest, if any, on the debt securities will be payable (and the method of such payment), where the securities of such series may be surrendered for registration of transfer or exchange, and where notices and demands to us in respect of the debt securities may be delivered;

the period or periods within which, the price or prices at which and the terms and conditions upon which we may redeem the debt securities;

any obligation we have to redeem or purchase the debt securities pursuant to any sinking fund or analogous provisions or at the option of a holder of debt securities and the period or periods within which, the price or prices at which and the terms and conditions upon which the debt securities of a particular series shall be redeemed or purchased, in whole or in part, pursuant to such obligation;

the dates on which and the price or prices at which we will repurchase debt securities at the option of the holders of debt securities and other detailed terms and provisions of these repurchase obligations;

the denominations in which the debt securities will be issued, if other than denominations of \$1,000 and any integral multiple thereof;

whether the debt securities will be issued in the form of certificated debt securities or global debt securities;

the portion of principal amount of the debt securities payable upon declaration of acceleration of the maturity date, if other than the principal amount;

the currency of denomination of the debt securities, which may be U.S. dollars or any foreign currency, and if such currency of denomination is a composite currency, the agency or organization, if any, responsible for overseeing such composite currency;

the designation of the currency, currencies or currency units in which payment of principal of, and premium and interest on, the debt securities will be made;

if payments of principal of, or premium or interest on, the debt securities will be made in one or more currencies or currency units other than that or those in which the debt securities are denominated, the manner in which the exchange rate with respect to these payments will be determined;

the manner in which the amounts of payment of principal of, and premium, if any, and interest on, the debt securities will be determined, if these amounts may be determined by reference to an index based on a currency or currencies other than that in which the debt securities are denominated or designated to be payable or by reference to a commodity, commodity index, stock exchange index or financial index;

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any provisions relating to any security provided for the debt securities;

any addition to, deletion of or change in the Events of Default described in this prospectus or in the indenture with respect to the debt securities and any change in the acceleration provisions described in this prospectus or in the indenture with respect to the debt securities;

any addition to, deletion of or change in the covenants described in this prospectus or in the indenture with respect to the debt securities;

any depositaries, interest rate calculation agents, exchange rate calculation agents or other agents with respect to the debt securities;

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the provisions, if any, relating to conversion or exchange of any debt securities of such series, including if applicable, the conversion or exchange price and period, provisions as to whether conversion or exchange will be mandatory, the events requiring an adjustment of the conversion or exchange price and provisions affecting conversion or exchange;

any other terms of the debt securities, which may supplement, modify or delete any provision of the indenture as it applies to that series, including any terms that may be required under applicable law or regulations or advisable in connection with the marketing of the securities; and

whether any of our direct or indirect subsidiaries will guarantee the debt securities of that series, including the terms of subordination, if any, of such guarantees. (Section 2.2)

We may issue debt securities that provide for an amount less than their stated principal amount to be due and payable upon declaration of acceleration of their maturity pursuant to the terms of the indenture. We will provide you with information on the federal income tax considerations and other special considerations applicable to any of these debt securities in the applicable prospectus supplement.

If we denominate the purchase price of any of the debt securities in a foreign currency or currencies or a foreign currency unit or units, or if the principal of, and premium, if any, and interest on, any series of debt securities is payable in a foreign currency or currencies or a foreign currency unit or units, we will provide you with information on the restrictions, elections, general tax considerations, specific terms and other information with respect to that issue of debt securities and such foreign currency or currencies or foreign currency unit or units in the applicable prospectus supplement.

Subsidiary Guarantors

One or more of our subsidiaries may fully and unconditionally guarantee any series of debt securities offered by this prospectus, as set forth in the applicable prospectus supplement. These subsidiaries are sometimes referred to in this prospectus as possible subsidiary guarantors. The term *subsidiary guarantors* with respect to a series of debt securities refers to our subsidiaries that guaranty such series of debt securities. The applicable prospectus supplement will name the subsidiary guarantors, if any, for that series of debt securities and will describe the terms of the guarantee by the subsidiary guarantors. (Section 10.1)

Transfer and Exchange

Each debt security will be represented by either one or more global securities registered in the name of The Depository Trust Company (DTC or the Depository) or a nominee of the Depository (we will refer to any debt security represented by a global debt security as a *book-entry debt security*), or a certificate issued in definitive registered form (we will refer to any debt security represented by a certificated security as a *certificated debt security*) as set forth in the applicable prospectus supplement.

Certificated Debt Securities. You may transfer or exchange certificated debt securities at any office we maintain for this purpose in accordance with the terms of the indenture. (Section 2.4) No service charge will be made for any transfer or exchange of certificated debt securities, but we may require payment of a sum sufficient to cover any tax or other governmental charge payable in connection with a transfer or exchange. (Section 2.7)

You may effect the transfer of certificated debt securities and the right to receive the principal of, and premium and interest on certificated debt securities only by surrendering the certificate representing those certificated debt securities and either reissuance by us or the trustee of the certificate to the new holder or the issuance by us or the trustee of a new certificate to the new holder.

Global Debt Securities and Book-Entry System. Each global debt security representing book-entry debt securities will be deposited with, or on behalf of, the Depository, and registered in the name of the Depository or a nominee of the Depository.

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Covenants

We will set forth in the applicable prospectus supplement any restrictive covenants applicable to any issue of debt securities. (Article IV)

No Protection in the Event of a Change of Control

Unless we state otherwise in the applicable prospectus supplement, the debt securities will not contain any provisions that may afford holders of the debt securities protection in the event we have a change in control or in the event of a highly leveraged transaction (whether or not such transaction results in a change in control) that could adversely affect holders of debt securities.

Consolidation, Merger and Sale of Assets

We may not consolidate with or merge with or into, or convey, transfer or lease all or substantially all of our properties and assets to, any person (a successor person) unless:

we are the surviving corporation or the successor person (if other than ExOne) is a corporation organized and validly existing under the laws of any U.S. domestic jurisdiction and expressly assumes our obligations on the debt securities and under the indenture;

immediately after giving effect to the transaction, no Default or Event of Default, shall have occurred and be continuing; and

certain other conditions are met.

Notwithstanding the above, any of our subsidiaries may consolidate with, merge into or transfer all or part of its properties to us. (Section 5.1)

Events of Default

Event of Default means with respect to any series of debt securities, any of the following:

default in the payment of any interest upon any debt security of that series when it becomes due and payable, and continuance of such default for a period of 30 days (unless the entire amount of the payment is deposited by us with the trustee or with a paying agent prior to the expiration of the 30-day period);

default in the payment of principal of any debt security of that series at its maturity;

default in the performance or breach of any other covenant or warranty by us in the indenture or any debt security (other than a covenant or warranty that has been included in the indenture solely for the benefit of a series of debt securities other than that series), which default continues uncured for a period of 60 days after we receive written notice from the trustee or ExOne and the trustee receive written notice from the holders of not less than 25% in principal amount of the outstanding debt securities of that series as provided in the indenture;

certain voluntary or involuntary events of bankruptcy, insolvency or reorganization of ExOne; or

any other Event of Default provided with respect to debt securities of that series that is described in the applicable prospectus supplement. (Section 6.1)

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No Event of Default with respect to a particular series of debt securities (except as to certain events of bankruptcy, insolvency or reorganization) necessarily constitutes an Event of Default with respect to any other series of debt securities. (Section 6.1) The occurrence of certain Events of Default or an acceleration under the indenture may constitute an event of default under certain indebtedness of ours or our subsidiaries outstanding from time to time.

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We will provide the trustee written notice of any Default or Event of Default within 30 days of becoming aware of the occurrence of such Default or Event of Default, which notice will describe in reasonable detail the status of such Default or Event of Default and what action we are taking or propose to take in respect thereof. (Section 6.1)

If an Event of Default with respect to debt securities of any series at the time outstanding occurs and is continuing, then the trustee or the holders of not less than 25% in principal amount of the outstanding debt securities of that series may, by a notice in writing to us (and to the trustee if given by the holders), declare to be due and payable immediately the principal of (or, if the debt securities of that series are discount securities, that portion of the principal amount as may be specified in the terms of that series) and accrued and unpaid interest, if any, on all debt securities of that series. In the case of an Event of Default resulting from certain events of bankruptcy, insolvency or reorganization, the principal (or such specified amount) of and accrued and unpaid interest, if any, on all outstanding debt securities will become and be immediately due and payable without any declaration or other act on the part of the trustee or any holder of outstanding debt securities. At any time after a declaration of acceleration with respect to debt securities of any series has been made, but before a judgment or decree for payment of the money due has been obtained by the trustee, the holders of a majority in principal amount of the outstanding debt securities of that series may rescind and annul the acceleration if all Events of Default, other than the non-payment of accelerated principal and interest, if any, with respect to debt securities of that series, have been cured or waived as provided in the indenture. (Section 6.2) We refer you to the prospectus supplement relating to any series of debt securities that are discount securities for the particular provisions relating to acceleration of a portion of the principal amount of such discount securities upon the occurrence of an Event of Default.

The indenture provides that the trustee will be under no obligation to exercise any of its rights or powers under the indenture, unless the trustee receives indemnity satisfactory to it against any cost, liability or expense that might be incurred by it in exercising such right or power. (Section 7.1(e)) Subject to certain rights of the trustee, the holders of a majority in principal amount of the outstanding debt securities of any series will have the right to direct the time, method and place of conducting any proceeding for any remedy available to the trustee or exercising any trust or power conferred on the trustee with respect to the debt securities of that series. (Section 6.12)

No holder of any debt security of any series will have any right to institute any proceeding, judicial or otherwise, with respect to the indenture or for the appointment of a receiver or trustee, or for any remedy under the indenture, unless:

that holder has previously given to the trustee written notice of a continuing Event of Default with respect to debt securities of that series; and

the holders of not less than 25% in principal amount of the outstanding debt securities of that series have made written request, and offered reasonable indemnity or security, to the trustee to institute the proceeding as trustee, and the trustee has not received from the holders of not less than a majority in principal amount of the outstanding debt securities of that series a direction inconsistent with that request and has failed to institute the proceeding within 60 days. (Section 6.7)

Notwithstanding any other provision in the indenture, the holder of any debt security will have an absolute and unconditional right to receive payment of the principal of, and premium and any interest on, that debt security on or after the due dates expressed in that debt security and to institute suit for the enforcement of payment. (Section 6.8)

The indenture requires us, within 120 days after the end of our fiscal year, to furnish to the trustee a statement as to compliance with the indenture. (Section 4.3) If a Default or Event of Default occurs and is continuing with respect to the securities of any series and if it is known to a responsible officer of the trustee, the trustee shall mail to each holder of the securities of that series notice of a Default or Event of Default within 90

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days after it occurs. (Section 7.5) The indenture provides that the trustee may withhold notice to the holders of debt securities of any series of any Default or Event of Default (except in payment on any debt securities of that series) with respect to debt securities of that series if the trustee determines in good faith that withholding notice is in the interest of the holders of those debt securities. (Section 7.5)

Modification and Waiver

We and the trustee may modify and amend the indenture or the debt securities of any series without the consent of any holder of any debt security:

to cure any ambiguity, defect or inconsistency;

to comply with covenants in the indenture described above under the heading Consolidation, Merger and Sale of Assets ;

to provide for uncertificated securities in addition to or in place of certificated securities;

to add guarantees with respect to debt securities of any series or secure debt securities of any series;

to surrender any of our rights or powers under the indenture;

to add covenants or Events of Default for the benefit of the holders of debt securities of any series;

to comply with the applicable procedures of the applicable depository;

to make any change that does not adversely affect the rights of any holder of debt securities;

to provide for the issuance of and establish the form and terms and conditions of debt securities of any series as permitted by the indenture;

to effect the appointment of a successor trustee with respect to the debt securities of any series and to add to or change any of the provisions of the indenture to provide for or facilitate administration by more than one trustee; or

to comply with requirements of the SEC in order to effect or maintain the qualification of the indenture under the Trust Indenture Act. (Section 9.1)

We may also modify and amend the indenture with the consent of the holders of at least a majority in principal amount of the outstanding debt securities of each series affected by the modifications or amendments. (Section 9.2) We may not make any modification or amendment without the consent of the holders of each affected debt security then outstanding if that amendment will:

reduce the amount of debt securities whose holders must consent to an amendment, supplement or waiver;

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reduce the rate of or extend the time for payment of interest (including default interest) on any debt security;

reduce the principal of or premium on or change the fixed maturity of any debt security or reduce the amount of, or postpone the date fixed for, the payment of any sinking fund or analogous obligation with respect to any series of debt securities;

reduce the principal amount of discount securities payable upon acceleration of maturity;

waive a Default or Event of Default in the payment of the principal of, or premium or interest on, any debt security (except a rescission of acceleration of the debt securities of any series by the holders of at least a majority in aggregate principal amount of the then outstanding debt securities of that series and a waiver of the payment default that resulted from such acceleration);

make the principal of, or premium or interest on, any debt security payable in currency other than that stated in the debt security;

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make any change to certain provisions of the indenture relating to, among other things, the right of holders of debt securities to receive payment of the principal of, and premium and interest on, those debt securities and to institute suit for the enforcement of any such payment and to waivers or amendments; or

waive a redemption payment with respect to any debt security. (Section 9.3)

Except for certain specified provisions, the holders of at least a majority in principal amount of the outstanding debt securities of any series may on behalf of the holders of all debt securities of that series waive our compliance with provisions of the indenture. (Section 9.2) The holders of a majority in principal amount of the outstanding debt securities of any series may on behalf of the holders of all the debt securities of such series waive any past default under the indenture with respect to that series and its consequences, except a default in the payment of the principal of, or any interest on, any debt security of that series; provided, however, that the holders of a majority in principal amount of the outstanding debt securities of any series may rescind an acceleration and its consequences, including any related payment default that resulted from the acceleration. (Section 6.13)

Defeasance of Debt Securities and Certain Covenants in Certain Circumstances

Legal Defeasance. The indenture provides that, unless otherwise provided by the terms of the applicable series of debt securities, we may be discharged from any and all obligations in respect of the debt securities of any series (subject to certain exceptions). We will be so discharged upon the deposit with the trustee, in trust, of money and/or U.S. government obligations or, in the case of debt securities denominated in a single currency other than U.S. dollars, government obligations of the government that issued or caused to be issued such currency, that, through the payment of interest and principal in accordance with their terms, will provide money or U.S. government obligations in an amount sufficient in the opinion of a nationally recognized firm of independent public accountants or investment bank to pay and discharge each installment of principal of, premium and interest on, and any mandatory sinking fund payments in respect of, the debt securities of that series on the stated maturity of those payments in accordance with the terms of the indenture and those debt securities.

This discharge may occur only if, among other things, we have delivered to the trustee an opinion of counsel stating that we have received from, or there has been published by, the U.S. Internal Revenue Service a ruling or, since the date of execution of the indenture, there has been a change in the applicable U.S. federal income tax law, in either case to the effect that, and based thereon such opinion shall confirm that, the holders of the debt securities of that series will not recognize income, gain or loss for U.S. federal income tax purposes as a result of the deposit, defeasance and discharge and will be subject to U.S. federal income tax on the same amounts and in the same manner and at the same times as would have been the case if the deposit, defeasance and discharge had not occurred. (Section 8.3)

Defeasance of Certain Covenants. The indenture provides that, unless otherwise provided by the terms of the applicable series of debt securities, upon compliance with certain conditions:

we may omit to comply with the covenant described under the heading **Consolidation, Merger and Sale of Assets** and certain other covenants set forth in the indenture, as well as any additional covenants that may be set forth in the applicable prospectus supplement; and

any omission to comply with those covenants will not constitute a Default or an Event of Default with respect to the debt securities of that series (**covenant defeasance**).

The conditions include:

depositing with the trustee money and/or U.S. government obligations or, in the case of debt securities denominated in a single currency other than U.S. dollars, government obligations of the government that issued or caused to be issued such currency, that, through the payment of interest and principal in

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accordance with their terms, will provide money in an amount sufficient in the opinion of a nationally recognized firm of independent public accountants or investment bank to pay and discharge each installment of principal of, premium and interest on, and any mandatory sinking fund payments in respect of, the debt securities of that series on the stated maturity of those payments in accordance with the terms of the indenture and those debt securities; and

delivering to the trustee an opinion of counsel to the effect that the holders of the debt securities of that series will not recognize income, gain or loss for U.S. federal income tax purposes as a result of the deposit and related covenant defeasance and will be subject to U.S. federal income tax on the same amounts and in the same manner and at the same times as would have been the case if the deposit and related covenant defeasance had not occurred. (Section 8.4)

Covenant Defeasance and Events of Default. In the event we exercise our option to effect covenant defeasance with respect to any series of debt securities and the debt securities of that series are declared due and payable because of the occurrence of any Event of Default, the amount of money and/or U.S. government obligations or foreign government obligations on deposit with the trustee will be sufficient to pay amounts due on the debt securities of that series at the time of their stated maturity but may not be sufficient to pay amounts due on the debt securities of that series at the time of the acceleration resulting from the Event of Default. However, we shall remain liable for those payments. (Section 8.4).

No Personal Liability of Directors, Officers, Employees or Stockholders

None of our past, present or future directors, officers, employees or stockholders, as such, will have any liability for any of our obligations under the debt securities or the indenture or for any claim based on, or in respect or by reason of, such obligations or their creation. By accepting a debt security, each holder waives and releases all such liability. This waiver and release is part of the consideration for the issue of the debt securities. However, this waiver and release may not be effective to waive liabilities under U.S. federal securities laws, and it is the view of the SEC that such a waiver is against public policy.

Governing Law

The indenture and the debt securities, including any claim or controversy arising out of or relating to the indenture or the debt securities, will be governed by the laws of the State of New York (without regard to the conflicts of laws provisions thereof other than Section 5-1401 of the General Obligations Law). (Section 11.10)

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DESCRIPTION OF WARRANTS

We may issue warrants for the purchase of shares of our common stock or preferred stock or of debt securities. We may issue warrants independently or together with other securities, and the warrants may be attached to or separate from any offered securities. Each series of warrants will be issued under a separate warrant agreement to be entered into between us and the investors or a warrant agent. The following summary of material provisions of the warrants and warrant agreements is subject to, and qualified in its entirety by reference to, all the provisions of the warrant agreement and warrant certificate applicable to a particular series of warrants. The terms of any warrants offered under a prospectus supplement may differ from the terms described below. We urge you to read the applicable prospectus supplement, as well as the complete warrant agreements and warrant certificates that contain the terms of the warrants.

The particular terms of any issue of warrants will be described in the prospectus supplement relating to the issue. Those terms may include:

the number of shares of common stock or preferred stock purchasable upon the exercise of warrants to purchase such shares and the price at which such number of shares may be purchased upon such exercise;

the designation, stated value and terms (including, without limitation, liquidation, dividend, conversion and voting rights) of the series of preferred stock purchasable upon exercise of warrants to purchase preferred stock;

the principal amount of debt securities that may be purchased upon exercise of a debt warrant and the exercise price for the warrants, which may be payable in cash, securities or other property;

the date, if any, on and after which the warrants and the related debt securities, preferred stock or common stock will be separately transferable;

the terms of any rights to redeem or call the warrants;

the date on which the right to exercise the warrants will commence and the date on which the right will expire;

U.S. federal income tax consequences applicable to the warrants; and

any additional terms of the warrants, including terms, procedures, and limitations relating to the exchange, exercise and settlement of the warrants.

Holders of equity warrants will not be entitled to:

vote, consent or receive dividends;

receive notice as stockholders with respect to any meeting of stockholders for the election of our directors or any other matter; or

exercise any rights as stockholders of ExOne.

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Each warrant will entitle its holder to purchase the principal amount of debt securities or the number of shares of preferred stock or common stock at the exercise price set forth in, or calculable as set forth in, the applicable prospectus supplement. Unless we otherwise specify in the applicable prospectus supplement, holders of the warrants may exercise the warrants at any time up to the specified time on the expiration date that we set forth in the applicable prospectus supplement. After the close of business on the expiration date, unexercised warrants will become void.

A holder of warrant certificates may exchange them for new warrant certificates of different denominations, present them for registration of transfer and exercise them at the corporate trust office of the warrant agent or any

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other office indicated in the applicable prospectus supplement. Until any warrants to purchase debt securities are exercised, the holder of the warrants will not have any rights of holders of the debt securities that can be purchased upon exercise, including any rights to receive payments of principal, premium or interest on the underlying debt securities or to enforce covenants in the applicable indenture. Until any warrants to purchase common stock or preferred stock are exercised, the holders of the warrants will not have any rights of holders of the underlying common stock or preferred stock, including any rights to receive dividends or payments upon any liquidation, dissolution or winding up on the common stock or preferred stock, if any.

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DESCRIPTION OF UNITS

We may issue units consisting of any combination of the other types of securities offered under this prospectus in one or more series. We may evidence each series of units by unit certificates that we will issue under a separate agreement. We may enter into unit agreements with a unit agent. Each unit agent will be a bank or trust company that we select. We will indicate the name and address of the unit agent in the applicable prospectus supplement relating to a particular series of units.

The following description, together with the additional information included in any applicable prospectus supplement, summarizes the general features of the units that we may offer under this prospectus. You should read any prospectus supplement related to the series of units being offered, as well as the complete unit agreements that contain the terms of the units. Specific unit agreements will contain additional important terms and provisions and we will file the unit agreement as an exhibit to the registration statement of which this prospectus is a part, or will incorporate by reference from another report that we file with the SEC, the form of each unit agreement relating to units offered under this prospectus.

If we offer any units, certain terms of that series of units will be described in the applicable prospectus supplement, including, without limitation, the following, as applicable:

the title of the series of units;

identification and description of the separate constituent securities comprising the units;

the price or prices at which the units will be issued;

the date, if any, on and after which the constituent securities comprising the units will be separately transferable;

a discussion of certain U.S. federal income tax considerations applicable to the units; and

any other terms of the units and their constituent securities.

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WHERE YOU CAN FIND MORE INFORMATION; INCORPORATION BY REFERENCE

Available Information

We file annual, quarterly and current reports, proxy statements and other information with the SEC. Information filed with the SEC by us can be inspected and copied at the Public Reference Room maintained by the SEC at 100 F Street, N.E., Washington, D.C. 20549. You may also obtain copies of this information by mail from the Public Reference Section of the SEC at prescribed rates. Further information on the operation of the SEC's Public Reference Room in Washington, D.C. can be obtained by calling the SEC at 1-800-SEC-0330. The SEC also maintains a web site that contains reports, proxy and information statements and other information about issuers, such as us, who file electronically with the SEC. The address of that website is <http://www.sec.gov>.

Our web site address is www.exone.com. The information on our web site, however, is not, and should not be deemed to be, a part of this prospectus.

This prospectus and any prospectus supplement are part of a registration statement that we filed with the SEC and do not contain all of the information in the registration statement. The full registration statement may be obtained from the SEC or us, as provided below. Forms of the indenture and other documents establishing the terms of the offered securities are or may be filed as exhibits to the registration statement. Statements in this prospectus or any prospectus supplement about these documents are summaries and each statement is qualified in all respects by reference to the document to which it refers. You should refer to the actual documents for a more complete description of the relevant matters. You may inspect a copy of the registration statement at the SEC's Public Reference Room in Washington, D.C. or through the SEC's website, as provided above.

Incorporation by Reference

The SEC's rules allow us to incorporate by reference information into this prospectus, which means that we can disclose important information to you by referring you to another document filed separately with the SEC. The information incorporated by reference is deemed to be part of this prospectus, and subsequent information that we file with the SEC will automatically update and supersede that information. Any statement contained in a previously filed document incorporated by reference will be deemed to be modified or superseded for purposes of this prospectus to the extent that a statement contained in or deemed to be a part of this prospectus modifies or replaces that statement.

We incorporate by reference our documents listed below and any future filings made by us with the SEC under Sections 13(a), 13(c), 14 or 15(d) of the Exchange Act between the date of this prospectus and the termination of the offering of the securities described in this prospectus. Unless we otherwise specifically state, we are not, however, incorporating by reference any documents or portions thereof, whether specifically listed below or filed in the future, that are not deemed filed with the SEC, including stock performance graphs or any information furnished pursuant to Items 2.02 or 7.01 of Form 8-K or related exhibits furnished pursuant to Item 9.01 of Form 8-K.

This prospectus and any accompanying prospectus supplement incorporate by reference the documents set forth below that have previously been filed with the SEC:

Our Annual Report on Form 10-K for the year ended December 31, 2015, filed with the SEC on March 22, 2016.

Our Quarterly Reports on Form 10-Q filed with the SEC on May 10, 2016 and August 9, 2016.

Current Reports on Form 8-K filed with the SEC on January 11, 2016, March 25, 2016, and May 23, 2016.

The description of our common stock contained in our registration statement on Form 8-A, filed with the SEC on February 4, 2013, and any amendment or report filed with the SEC for the purpose of updating the description.

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All reports and other documents we subsequently file pursuant to Section 13(a), 13(c), 14 or 15(d) of the Exchange Act prior to the termination of this offering, including all such documents we may file with the SEC after the date of the initial registration statement and prior to the effectiveness of the registration statement, but excluding any information furnished to, rather than filed with, the SEC, will also be incorporated by reference into this prospectus and deemed to be part of this prospectus from the date of the filing of such reports and documents.

You may request a free copy of any of the documents incorporated by reference in this prospectus by writing or telephoning us at the following address:

The ExOne Company

127 Industry Boulevard,

North Huntingdon, Pennsylvania 15642

Attention: Executive Vice-President, Chief Legal Officer and Corporate Secretary

Telephone number: (724) 863-9663

Exhibits to the filings will not be sent, however, unless those exhibits have specifically been incorporated by reference in this prospectus and any accompanying prospectus supplement.

LEGAL MATTERS

McGuireWoods LLP, Pittsburgh, Pennsylvania will pass upon certain legal matters relating to the issuance and sale of the securities offered hereby on behalf of ExOne. Additional legal matters may be passed upon for us or any underwriters, dealers or agents, by counsel that we will name in the applicable prospectus supplement.

EXPERTS

The consolidated financial statements as of and for the year ended December 31, 2015, incorporated in this prospectus by reference from the Company's Annual Report on Form 10-K for the year ended December 31, 2015, were audited by Baker Tilly Virchow Krause, LLP, an independent registered public accounting firm, as stated in their report. Such consolidated financial statements have been so incorporated in reliance upon the report of such firm given upon their authority as experts in accounting and auditing.

Table of Contents**PART II****INFORMATION NOT REQUIRED IN PROSPECTUS****Item 14. Other Expenses of Issuance and Distribution.**

The following table sets forth the expenses, other than underwriting discounts and commissions, payable in connection with the sale of securities being registered. All the amounts shown are estimates except for the SEC registration fee.

| | |
|------------------------------|--------------------------|
| SEC registration fee | \$ 17,430 ⁽¹⁾ |
| Legal fees and expenses | * |
| Printing expenses | * |
| Accounting fees and expenses | * |
| NASDAQ listing fees | * |
| Miscellaneous | * |
| Total | * |

(1) Paid in connection with original filing of the registration statement.

* These expenses are calculated in part based on the number of issuances and the amount of securities offered and accordingly cannot be estimated at this time.

Item 15. Indemnification of Officers and Directors.

Section 145(a) of the DGCL provides that a corporation may indemnify any person who was or is a party or is threatened to be made a party to any threatened, pending or completed action, suit or proceeding, whether civil, criminal, administrative or investigative (other than an action by or in the right of the corporation) by reason of the fact that the person is or was a director, officer, employee or agent of the corporation, or is or was serving at the request of the corporation as a director, officer, employee or agent of another corporation, partnership, joint venture, trust or other enterprise, against expenses (including attorneys' fees), judgments, fines and amounts paid in settlement actually and reasonably incurred by the person in connection with such action, suit or proceeding if the person acted in good faith and in a manner the person reasonably believed to be in or not opposed to the best interests of the corporation, and, with respect to any criminal action or proceeding, had no reasonable cause to believe the person's conduct was unlawful. The termination of any action, suit or proceeding by judgment, order, settlement, conviction or upon a plea of nolo contendere or its equivalent, shall not, of itself, create a presumption that the person did not act in good faith and in a manner which the person reasonably believed to be in or not opposed to the best interests of the corporation, and, with respect to any criminal action or proceeding, had reasonable cause to believe that the person's conduct was unlawful.

Section 145(b) of the DGCL states that a corporation may indemnify any person who was or is a party or is threatened to be made a party to any threatened, pending or completed action or suit by or in the right of the corporation to procure a judgment in its favor by reason of the fact that the person is or was a director, officer, employee or agent of the corporation, or is or was serving at the request of the corporation as a director, officer, employee or agent of another corporation, partnership, joint venture, trust or other enterprise against expenses (including attorneys' fees) actually and reasonably incurred by the person in connection with the defense or settlement of such action or suit if the person acted in good faith and in a manner the person reasonably believed to be in or not opposed to the best interests of the corporation and except that no indemnification shall be made in respect of any claim, issue or matter as to which the person shall have been adjudged to be liable to the corporation unless and only to the extent that the Delaware Court of Chancery or the court in which such action or suit was brought shall determine upon application that, despite the adjudication of liability but in view of all the circumstances of the case, the person is fairly and reasonably entitled to indemnity for such expenses as the Delaware Court of Chancery or such other court shall deem proper.

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Section 145(c) of the DGCL provides that to the extent that a present or former director or officer of a corporation has been successful on the merits or otherwise in defense of any action, suit or proceeding referred to in subsections (a) and (b) of Section 145, or in defense of any claim, issue or matter therein, such person shall be indemnified against expenses (including attorneys' fees) actually and reasonably incurred by such person in connection therewith.

Section 145(d) of the DGCL states that any indemnification under subsections (a) and (b) of Section 145 (unless ordered by a court) shall be made by the corporation only as authorized in the specific case upon a determination that indemnification of the present or former director, officer, employee or agent is proper in the circumstances because the person has met the applicable standard of conduct set forth in subsections (a) and (b) of Section 145. Such determination shall be made with respect to a person who is a director or officer at the time of such determination (1) by a majority vote of the directors who are not parties to such action, suit or proceeding, even though less than a quorum, (2) by a committee of such directors designated by majority vote of such directors, even though less than a quorum, (3) if there are no such directors, or if such directors so direct, by independent legal counsel in a written opinion, or (4) by the stockholders.

Section 145(f) of the DGCL states that the indemnification and advancement of expenses provided by, or granted pursuant to, the other subsections of Section 145 shall not be deemed exclusive of any other rights to which those seeking indemnification or advancement of expenses may be entitled under any bylaw, agreement, vote of stockholders or disinterested directors or otherwise, both as to action in such person's official capacity and as to action in another capacity while holding such office.

Section 145(g) of the DGCL provides that a corporation shall have the power to purchase and maintain insurance on behalf of any person who is or was a director, officer, employee or agent of the corporation, or is or was serving at the request of the corporation as a director, officer, employee or agent of another corporation, partnership, joint venture, trust or other enterprise, against any liability asserted against such person and incurred by such person in any such capacity or arising out of such person's status as such, whether or not the corporation would have the power to indemnify such person against such liability under the provisions of Section 145.

Section 145(j) of the DGCL states that the indemnification and advancement of expenses provided by, or granted pursuant to, Section 145 shall, unless otherwise provided when authorized or ratified, continue as to a person who has ceased to be a director, officer, employee or agent and shall inure to the benefit of the heirs, executors and administrators of such a person.

The Company's bylaws provide that any director or officer of the Company, or any person serving at the request of the Company as a director, officer, trustee, employee or agent of another corporation or of a partnership, joint venture, trust or other enterprise, including service with respect to employee benefit plans maintained or sponsored by the Company, shall be indemnified and held harmless by the Company as of right to the full extent permitted by the DGCL against all expense, liability and loss (including attorneys' fees, judgments, fines, Employee Retirement Income Security Act of 1974 (ERISA) excise taxes or penalties and amounts paid or to be paid in settlement) reasonably incurred by such person by reason of such person's having served in such capacity. The bylaws also provide that any such indemnification shall continue as to a person who has ceased to be a director, officer, trustee, employee or agent and shall inure to the benefit of such person's heirs, executors and administrators; provided, however, that such proceeding must have been authorized by our Board of Directors (except with respect to a proceeding brought by such person against the Company to recover a claim for indemnification). This right to indemnification includes the right to be paid the expenses incurred in defending any such proceeding in advance of its final disposition. In addition, the Company has provided in its certificate of incorporation that it shall eliminate the personal liability of its directors for breach of fiduciary duty as a director of the Company, except as otherwise required by the DGCL.

The Company maintains policies of directors' and officers' liability insurance which insures its directors against the cost of defense, settlement or payment of a judgment under certain circumstances.

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The Company has also entered into indemnification agreements with its directors and executive officers, pursuant to which the Company has agreed to indemnify them to the fullest extent permitted under Delaware law against all expenses and, in the case of proceedings other than those brought by or in the right of the Company, judgments, fines, penalties and amounts actually and reasonably paid in settlement by such persons or on their behalf in connection with proceedings in which they are involved. Under these agreements, the Company will also indemnify its directors and executive officers to the fullest extent permitted by law against all expenses actually and reasonably incurred by or on such persons behalf in connection with any such proceeding or defense, in whole or in part, to which they are a party or participant and in which they are successful. In addition, and subject to certain limitations, each Indemnification Agreement provides for the advancement of expenses incurred by or on behalf of the directors and executive officers in connection with any proceeding not initiated by them, and the reimbursement to the Company of the amounts advanced to the extent that it is ultimately determined that the director or executive officer is not entitled to be indemnified by the Company. Additionally, the Indemnification Agreements provide for the provision of directors and officers liability insurance policies. The provisions of the Indemnification Agreement applies with respect to all periods of such director s and executive officer s service and shall continue so long as they are subject to a possible claim, even though the director or executive officer may have ceased to be a director or executive officer of the Company.

Item 16. Exhibits.

A list of exhibits filed with this registration statement on Form S-3 is set forth on the Exhibit Index and is incorporated herein by reference.

Item 17. Undertakings.

(a) The undersigned registrant hereby undertakes:

(1) To file, during any period in which offers or sales are being made, a post-effective amendment to this registration statement:

(i) To include any prospectus required by Section 10(a)(3) of the Securities Act of 1933;

(ii) To reflect in the prospectus any facts or events arising after the effective date of the registration statement (or the most recent post-effective amendment thereof) which, individually or in the aggregate, represent a fundamental change in the information set forth in the registration statement. Notwithstanding the foregoing, any increase or decrease in volume of securities offered (if the total dollar value of securities offered would not exceed that which was registered) and any deviation from the low or high end of the estimated maximum offering range may be reflected in the form of prospectus filed with the Commission pursuant to Rule 424(b) if, in the aggregate, the changes in volume and price represent no more than 20 percent change in the maximum aggregate offering price set forth in the Calculation of Registration Fee table in the effective registration statement; and

(iii) To include any material information with respect to the plan of distribution not previously disclosed in the registration statement or any material change to such information in the registration statement;

provided, however, that paragraphs (a)(1)(i), (a)(1)(ii) and (a)(1)(iii) above do not apply if the information required to be included in a post-effective amendment by those paragraphs is contained in reports filed with or furnished to the Commission by the registrant pursuant to section 13 or section 15(d) of the Securities Exchange Act of 1934 that are incorporated by reference in the registration statement, or is contained in a form of prospectus filed pursuant to Rule 424(b) that is part of the registration statement.

(2) That, for the purpose of determining any liability under the Securities Act of 1933, each such post-effective amendment shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof.

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(3) To remove from registration by means of a post-effective amendment any of the securities being registered which remain unsold at the termination of the offering.

(4) That, for the purpose of determining liability under the Securities Act of 1933 to any purchaser:

(A) Each prospectus filed by the registrant pursuant to Rule 424(b)(3) shall be deemed to be part of the registration statement as of the date the filed prospectus was deemed part of and included in the registration statement; and

(B) Each prospectus required to be filed pursuant to Rule 424(b)(2), (b)(5) or (b)(7) as part of a registration statement in reliance on Rule 430B relating to an offering made pursuant to Rule 415(a)(1)(i), (vii), or (x) for the purpose of providing the information required by section 10(a) of the Securities Act of 1933 shall be deemed to be part of and included in the registration statement as of the earlier of the date such form of prospectus is first used after effectiveness or the date of the first contract of sale of securities in the offering described in the prospectus. As provided in Rule 430B, for liability purposes of the issuer and any person that is at that date an underwriter, such date shall be deemed to be a new effective date of the registration statement relating to the securities in the registration statement to which that prospectus relates, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof. Provided, however, that no statement made in a registration statement or prospectus that is part of the registration statement or made in a document incorporated or deemed incorporated by reference into the registration statement or prospectus that is part of the registration statement will, as to a purchaser with a time of contract of sale prior to such effective date, supersede or modify any statement that was made in the registration statement or prospectus that was part of the registration statement or made in any such document immediately prior to such effective date.

(5) That, for the purpose of determining liability of the registrant under the Securities Act of 1933 to any purchaser in the initial distribution of the securities:

The undersigned registrant undertakes that in a primary offering of securities of the undersigned registrant pursuant to this registration statement, regardless of the underwriting method used to sell the securities to the purchaser, if the securities are offered or sold to such purchaser by means of any of the following communications, the undersigned registrant will be a seller to the purchaser and will be considered to offer or sell such securities to such purchaser:

(i) Any preliminary prospectus or prospectus of the undersigned registrant relating to the offering required to be filed pursuant to Rule 424;

(ii) Any free writing prospectus relating to the offering prepared by or on behalf of the undersigned registrant or used or referred to by the undersigned registrant;

(iii) The portion of any other free writing prospectus relating to the offering containing material information about the undersigned registrant or its securities provided by or on behalf of the undersigned registrant; and

(iv) Any other communication that is an offer in the offering made by the undersigned registrant to the purchaser.

(b) The undersigned registrant hereby undertakes that, for purposes of determining any liability under the Securities Act of 1933, each filing of the registrant's annual report pursuant to Section 13(a) or Section 15(d) of the Securities Exchange Act of 1934 (and, where applicable, each filing of an employee benefit plan's annual report pursuant to section 15(d) of the Securities Exchange Act of 1934) that is incorporated by reference in the registration statement shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof.

(c) Insofar as indemnification for liabilities arising under the Securities Act of 1933 may be permitted to directors, officers and controlling persons of the registrant pursuant to the foregoing provisions, or otherwise, the registrant has been advised that in the opinion of the Securities and Exchange Commission such indemnification

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is against public policy as expressed in the Securities Act and is, therefore, unenforceable. In the event that a claim for indemnification against such liabilities (other than the payment by the registrant of expenses incurred or paid by a director, officer or controlling person of the registrant in the successful defense of any action, suit or proceeding) is asserted by such director, officer or controlling person in connection with the securities being registered, the registrant will, unless in the opinion of its counsel the matter has been settled by controlling precedent, submit to a court of appropriate jurisdiction the question whether such indemnification by it is against public policy as expressed in the Securities Act and will be governed by the final adjudication of such issue.

(d) The undersigned registrant hereby undertakes to file an application for the purpose of determining the eligibility of the trustee to act under subsection (a) of Section 310 of the Trust Indenture Act (the "Act") in accordance with the rules and regulations prescribed by the SEC under section 305(b)(2) of the Act.

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SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, the Registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form S-3 and has duly caused this Post-Effective Amendment No. 1 to registration statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of Pittsburgh, Commonwealth of Pennsylvania, on August 18, 2016.

THE EXONE COMPANY

By: */s/* **S. Kent Rockwell**
S. Kent Rockwell
Chief Executive Officer and Chairman

Pursuant to the requirements of the Securities Act of 1933, this Post-Effective Amendment No. 1 to registration statement has been signed by the following persons in the capacities indicated on August 18, 2016.

| Signature | Title |
|-----------------------------|--|
| <i>/s/</i> S. Kent Rockwell | Chief Executive Officer and Chairman |
| S. Kent Rockwell | (Principal Executive Officer) |
| * | Chief Financial Officer (Principal Financial |
| Brian W. Smith | and Accounting Officer) |
| * | Director |
| John Irvin | |
| * | Director |
| Raymond J. Kilmer | |
| * | Director |
| Gregory Pashke | |
| * | Director |
| Lloyd A. Semple | |
| * | Director |
| William F. Strome | |
| * | Director |
| Bonnie K. Wachtel | |

*By: /s/ JoEllen Lyons Dillon

JoEllen Lyons Dillon

Attorney-in-fact

Date: August 18, 2016

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SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, the Registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form S-3 and has duly caused this Post-Effective Amendment No. 1 to registration statement to be signed on its behalf by the undersigned, thereunto duly authorized, in Odawara-shi, Kanagawa, Japan, on August 18, 2016.

EXONE KK

By: *
Koji Soeda
Representative Director

Pursuant to the requirements of the Securities Act of 1933, this Post-Effective Amendment No. 1 to registration statement has been signed by the following persons in the capacities indicated on August 18, 2016.

| Signature | Title |
|--------------------------|--|
| * | Representative Director |
| Koji Soeda | (Principal Executive Officer) |
| * | Director |
| Michiharu Chikano | |
| * | Administration Manager |
| Noriko Tsumita | (Principal Financial and Accounting Officer) |
| /s/ JoEllen Lyons Dillon | Agent of Service |
| JoEllen Lyons Dillon | (Authorized U.S. Representative) |

*By: /s/ JoEllen Lyons Dillon

JoEllen Lyons Dillon

Attorney-in-fact

Date: August 18, 2016

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SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, the Registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form S-3 and has duly caused this Post-Effective Amendment No. 1 to registration statement to be signed on its behalf by the undersigned, thereunto duly authorized, in Gersthofen, Germany, on August 18, 2016.

EXONE GMBH

By: ***
Rainer Hoechsmann
General Manager**

Pursuant to the requirements of the Securities Act of 1933, this Post-Effective Amendment No. 1 to registration statement has been signed by the following persons in the capacities indicated on August 18, 2016.

| Signature | Title |
|--------------------------|--|
| * | General Manager and Managing Director |
| Rainer Hoechsmann | (Principal Executive Officer) |
| * | Chief Financial Officer |
| Eric Bader | (Principal Financial and Accounting Officer) |
| /s/ JoEllen Lyons Dillon | Agent of Service |
| JoEllen Lyons Dillon | (Authorized U.S. Representative) |

*By: /s/ JoEllen Lyons Dillon

JoEllen Lyons Dillon

Attorney-in-fact

Date: August 18, 2016

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SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, the Registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form S-3 and has duly caused this Post-Effective Amendment No. 1 to registration statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of Pittsburgh, Commonwealth of Pennsylvania, on August 18, 2016.

EXONE AMERICAS LLC

BY: THE EXONE COMPANY, ITS SOLE

MEMBER

By: **/s/ S. Kent Rockwell**
S. Kent Rockwell
Chief Executive Officer and Chairman

Pursuant to the requirements of the Securities Act of 1933, this Post-Effective Amendment No. 1 to registration statement has been signed by the following persons in the capacities indicated on August 18, 2016.

| Signature | Title |
|----------------------|---|
| /s/ S. Kent Rockwell | Chief Executive Officer |
| S. Kent Rockwell | (Principal Executive Officer) |
| * | Chief Financial Officer |
| Brian W. Smith | (Principal Financial and Accounting Officer) |
| /s/ S. Kent Rockwell | Chief Executive Officer and Chairman of The ExOne Company, in its capacity as sole member of ExOne Americas LLC |
| S. Kent Rockwell | |

ExOne Americas LLC has no directors or managers.

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SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, the Registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form S-3 and has duly caused this Post-Effective Amendment No. 1 to registration statement to be signed on its behalf by the undersigned, thereunto duly authorized, in Gersthofen, Germany, on August 18, 2016.

EXONE PROPERTY GMBH

By: *
Rainer Hoechsmann
General Manager

Pursuant to the requirements of the Securities Act of 1933, this Post-Effective Amendment No. 1 to registration statement has been signed by the following persons in the capacities indicated on August 18, 2016.

| Signature | Title |
|--------------------------|--|
| * | General Manager and Managing Director |
| Rainer Hoechsmann | (Principal Executive Officer) |
| * | Chief Financial Officer |
| Eric Bader | (Principal Financial and Accounting Officer) |
| /s/ JoEllen Lyons Dillon | Agent of Service |
| JoEllen Lyons Dillon | (Authorized U.S. Representative) |

*By: /s/ JoEllen Lyons Dillon

JoEllen Lyons Dillon

Attorney-in-fact

Date: August 18, 2016

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SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, the Registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form S-3 and has duly caused this Post-Effective Amendment No. 1 to registration statement to be signed on its behalf by the undersigned, thereunto duly authorized, in Gersthofen, Germany, on August 18, 2016.

**MWT GESELLSCHAFT FÜR
INDUSTRIELLE MIKROWELLENTÉCHNIK
MBH**

By: ***
Rainer Hoechsmann
General Manager**

Pursuant to the requirements of the Securities Act of 1933, this Post-Effective Amendment No. 1 to registration statement has been signed by the following persons in the capacities indicated on August 18, 2016.

| Signature | Title |
|--------------------------|--|
| * | General Manager and Managing Director |
| Rainer Hoechsmann | (Principal Executive Officer) |
| * | Chief Financial Officer |
| Eric Bader | (Principal Financial and Accounting Officer) |
| /s/ JoEllen Lyons Dillon | Agent of Service |
| JoEllen Lyons Dillon | (Authorized U.S. Representative) |

*By: /s/ JoEllen Lyons Dillon

JoEllen Lyons Dillon

Attorney-in-fact

Date: August 18, 2016

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SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, the Registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form S-3 and has duly caused this Post-Effective Amendment No. 1 to registration statement to be signed on its behalf by the undersigned, thereunto duly authorized, in Brescia, Italy, on August 18, 2016.

EXONE ITALY S.R.L

By: *
Said Omar
Managing Director

Pursuant to the requirements of the Securities Act of 1933, this Post-Effective Amendment No. 1 to registration statement has been signed by the following persons in the capacities indicated on August 18, 2016.

| Signature | Title |
|--------------------------|--|
| * | Managing Director and Director |
| Said Omar | (Principal Executive Officer) |
| * | Chief Financial Officer |
| Eric Bader | (Principal Financial and Accounting Officer) |
| * | Director |
| Rainer Hoechsmann | |
| /s/ JoEllen Lyons Dillon | Director and Agent of Service |
| JoEllen Lyons Dillon | (Authorized U.S. Representative) |

*By: /s/ JoEllen Lyons Dillon

JoEllen Lyons Dillon

Attorney-in-fact

Date: August 18, 2016

Table of Contents**EXHIBIT INDEX**

| Exhibit Number | Description | |
|-----------------------|---|--|
| 1.1 | Form of Underwriting Agreement. | To be filed by amendment or incorporated by reference in connection with the offering of the securities. |
| 3.1 | Certificate of Incorporation. | Filed with the Registrant's Registration Statement on Form S-1 on January 8, 2013 (Registration No. 333-185933), and incorporated herein by reference. |
| 3.2 | Amended and Restated Bylaws, as amended through August 19, 2013. | Filed as Exhibit 3.2 to the Registrant's Form 10-K on March 22, 2016 (File No. 001-35806), and incorporated herein by reference. |
| 4.1 | Form of Common Stock Certificate. | Filed with Amendment No. 2 to the Registrant's Registration Statement on Form S-1 on January 28, 2013 (Registration No. 333-185933), and incorporated herein by reference. |
| 4.2 | Form of Preferred Stock Certificate. | To be filed by amendment or incorporated by reference in connection with the offering of the securities. |
| 4.3 | Form of Indenture. | Previously filed with this registration statement. |
| 4.4 | Form of Note. | To be filed by amendment or incorporated by reference in connection with the offering of the securities. |
| 4.5 | Form of Warrant. | To be filed by amendment or incorporated by reference in connection with the offering of the securities. |
| 4.6 | Form of Warrant Agreement. | To be filed by amendment or incorporated by reference in connection with the offering of the securities. |
| 4.7 | Form of Unit Agreement. | To be filed by amendment or incorporated by reference in connection with the offering of the securities. |
| 5.1 | Opinion of McGuireWoods LLP. | Previously filed with this registration statement. |
| 12.1 | Computation of Ratio of Earnings to Fixed Charges. | Filed herewith. |
| 23.1 | Consent of Baker Tilly Virchow Krause, LLP, an Independent Registered Public Accounting Firm. | Filed herewith. |
| 23.2 | Consent of McGuireWoods LLP (included in Exhibit 5.1). | Previously filed with this registration statement. |
| 24.1 | Powers of Attorney (incorporated by reference to the signature page to the registration statement). | Previously filed with this registration statement. |
| 24.2 | Powers of Attorney | Filed herewith. |
| 25.1 | Statement of Eligibility of Trustee on Form T-1 under the Trust Indenture Act of 1939, as amended. | To be filed by amendment or incorporated by reference in connection with the offering of the securities. |