

## Toyoda Gosei purchases AIXTRON Showerhead system for production of Blue and UV LEDs

New reactor design facilitates manufacture of high performance devices

**Herzogenrath/Germany, November 30, 2016** – AIXTRON SE (FSE: AIXA, AIXC; NASDAQ: AIXG), a worldwide leading provider of deposition equipment to the semiconductor industry, announced today that Japanese group Toyoda Gosei has acquired an enhanced 5x4-inch CRIUS Close Coupled Showerhead (CCS) system to manufacture Blue and Ultra Violet (UV) LEDs. The tool is scheduled for delivery in the first half of 2017.

The novel, improved process chamber of the CRIUS tool enables significantly higher process temperatures than previously available III-V MOCVD reactors. It is designed to deliver the process conditions needed for the manufacture of high performance Blue and UV LEDs which are used for various applications, such as high color rendering LED lighting, curing or photocatalytic purification.

Toshihiro Yokoi, Managing Officer, General Manager of Toyoda Gosei's Optoelectronics business unit, comments: "The new AIXTRON CCS reactor will support us producing various enhanced LED products since we aim to grow our LED business by expanding the sale of products that will promote the use of LED lighting in Southeast Asia and other regions. Furthermore, we will increasingly focus on industrial-used LEDs (UV LEDs, glass-encapsulated LEDs) and LEDs for automobiles, where we can take advantage of our strengths as an automotive parts manufacturer."

### About AIXTRON

AIXTRON SE is a leading provider of deposition equipment to the semiconductor industry. The Company was founded in 1983 and is headquartered in Herzogenrath (near Aachen), Germany, with subsidiaries and sales offices in Asia, United States and in Europe. AIXTRON's technology solutions are used by a diverse range of customers worldwide to build advanced components for electronic and opto-electronic applications based on compound, silicon, or organic semiconductor materials. Such components are used in a broad range of innovative applications, technologies and industries. These include LED applications, display technologies, data storage, data transmission, energy management and conversion, communication, signaling and lighting as well as a range of other leading-edge technologies.

Our registered trademarks: AIXACT<sup>®</sup>, AIXTRON<sup>®</sup>, Atomic Level SolutionS<sup>®</sup>, Close Coupled Showerhead<sup>®</sup>, CRIUS<sup>®</sup>, Gas Foil Rotation<sup>®</sup>, Optacap<sup>™</sup>, OVPD<sup>®</sup>, Planetary Reactor<sup>®</sup>, PVPD<sup>®</sup>, TriJet<sup>®</sup>

For further information on AIXTRON (FSE: AIXA/AIXC, ISIN DE000A0WMPJ6/DE000A2BPYT0; NASDAQ: AIXG, ISIN US0096061041) please visit our website at: [www.aixtron.com](http://www.aixtron.com).

---

### For further information please contact

Corporate Communications  
AIXTRON SE, Dornkaulstr. 2, 52134 Herzogenrath, Germany  
PHONE +49 (2407) 9030-444 FAX +49 (2407) 9030-445  
E-MAIL [info@aixtron.com](mailto:info@aixtron.com) WEB [www.aixtron.com](http://www.aixtron.com)

## **Forward-Looking Statements**

This document may contain forward-looking statements regarding the business, results of operations, financial condition and earnings outlook of AIXTRON within the meaning of the safe harbor provisions of the US Private Securities Litigation Reform Act of 1995. These statements may be identified by words such as "may", "will", "expect", "anticipate", "contemplate", "intend", "plan", "believe", "continue" and "estimate" and variations of such words or similar expressions. These forward-looking statements are based on our current views and assumptions and are subject to risks and uncertainties. You should not place undue reliance on these forward-looking statements. Actual results and trends may differ materially from those reflected in our forward-looking statements. This could result from a variety of factors, such as actual customer orders received by AIXTRON, the level of demand for deposition technology in the market, the timing of final acceptance of products by customers, the condition of financial markets and access to financing for AIXTRON, general conditions in the market for deposition plants and macroeconomic conditions, cancellations, rescheduling or delays in product shipments, production capacity constraints, extended sales and qualification cycles, difficulties in the production process, the general development in the semi-conductor industry, increased competition, fluctuations in exchange rates, availability of public funding, fluctuations and/or changes in interest rates, delays in developing and marketing new products, a deterioration of the general economic situation and any other factors discussed in any reports or other announcements filed by AIXTRON with the U.S. Securities and Exchange Commission. Any forward-looking statements contained in this document are based on current expectations and projections of the executive board and on information currently available to it and are made as at the date hereof. AIXTRON undertakes no obligation to revise or update any forward-looking statements as a result of new information, future events or otherwise, unless expressly required to do so by law.

---

## **For further information please contact**

Corporate Communications

**AIXTRON SE**, Dornkaulstr. 2, 52134 Herzogenrath, Germany

**PHONE** +49 (2407) 9030-444 **FAX** +49 (2407) 9030-445

**E-MAIL** [info@aixtron.com](mailto:info@aixtron.com) **WEB** [www.aixtron.com](http://www.aixtron.com)