



**Optomec to Showcase 3D Printed Electronics at Sensors Midwest**  
*Aerosol Jet Printing for Mass Production of Smart IoT Devices to be Highlighted*

**Albuquerque, New Mexico – 27 September 2016** – Optomec, a leading global supplier of production grade [additive manufacturing](#) systems for 3D Printed Metals and [3D Printed Electronics](#) announced today that the company will feature its production grade Aerosol Jet 3D Printers at Sensors Midwest at the Donald E. Stephens Convention Center in Rosemont, Illinois this week. Aerosol Jet 3D Printers will be showcased in booth # 1015.

Aerosol Jet technology is currently used for printing 3D conformal electronics in mass production for antenna and sensor applications. In our booth, Optomec will showcase a video highlighting the use of Aerosol Jet technology in mass production at the LITE-ON Mobile Mechanical SBG (LITE-ON) factory in Guangzhou, China. For over one year, multiple Aerosol Jet production systems have been operating 24x7 at LITE-ON printing conformal electronics onto millions of consumer electronic devices. Since the printing process requires no plating or special resins, logistics are simplified and production costs are lowered. Examples of Aerosol Jet printed sensors and antennas will also be available for inspection.

Also at 1:00 PM on Wednesday, September 28<sup>th</sup> in Theatre 2 - Mr. Mike O'Reilly, Director of Aerosol Jet Product Management will give a presentation titled "Fully Printed Conformal Sensors and Antennas on 3D Plastic, Ceramic, and Metallic Substrates". In his presentation Mr. O'Reilly will discuss the growing demand for sensors and antennas directly integrated into products including smartphones, wearables, structural components, and IoT related products. His presentation will also compare 3D printing to traditional fabrication methods for broadband, Bluetooth, NFC antennas, plus strain and creep sensors. Examples of via filling and wrap-around printing using five axis of motion manufacturing solutions will be discussed.

Co-located with SMTA International, the industry's top conference on electronics assembly and advanced packaging, Sensors Midwest will be bringing the best technical innovation and thought leadership in the world of sensors back to the Midwest. The conference will focus on hot and trending sensor technologies including Embedded Systems, Printed/Flexible/Wearable, IoT, MEMS, Robotics, Wireless, and much more. For more information on Sensors Midwest, [click here](#).

#### About Optomec

[Optomec](#) is a privately-held, rapidly growing supplier of [Additive Manufacturing](#) systems. Optomec's patented Aerosol Jet Systems for [printed electronics](#) and LENS 3D Printers for metal components are used by industry to reduce product cost and improve performance. Together, these unique printing solutions work with the broadest spectrum of functional materials, ranging from electronic inks to structural metals and even biological matter. Optomec has more than 200 marquee customers around the world, targeting production applications in the Electronics, Energy, Life Sciences and Aerospace industries.



*Creep Sensors, Antenna and Strain Gauge Printed on Dome with Aerosol Jet 5X System*

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