



MEDIA ADVISORY

April 28, 2025

Excelitas to Present Cutting-Edge Imaging, Sensing and Curing Demonstrations at Automate 2025

WHO: [Excelitas®](#), the leading provider of advanced, life-enriching technologies that make a difference, serving global market leaders in the life sciences, advanced industrial, next-generation semiconductor and avionics sectors, will showcase advanced imaging, sensing and curing technologies at [Automate 2025](#). Visitors to Booth #2050 will experience firsthand how Excelitas empowers next-generation automation through high-performance optics, cameras, lasers and sensing solutions.

WHAT: Excelitas will feature four dynamic demonstrations highlighting the company's powerful portfolio designed to meet the high-speed, high-precision demands of industrial automation:

- **High-Speed Object Recognition demo** featuring Excelitas' [pco.dimax 3.6 ST High-Speed Camera](#) and [LINOS® d.fine HR-M Series](#) Lens. This demo showcases ultra-fast, high-resolution image capture for advanced inspection and sorting applications.
- **Automated Sorting demo** featuring the [pco.edge® 26 CLHS sCMOS Camera](#), [LINOS inspec.x 5.6/105 VIS-NIR Lens](#) and [X-Cite NOVEM™ 9-Channel LED Illumination System](#). See quick response sorting and classification driven by AI-based image processing, using a NVIDIA Jetson board, in the image data stream.
- **Industrial Optical Coherence Tomography (OCT) demo** featuring the 1060 nm Axsun Azmyth™ Swept-Source OCT laser for cutting edge high-resolution, high-speed, 3D surface and sub-surface imaging on a wide variety of materials, including plastics, ceramics, organics, coatings and silicon-based materials for use in off-the-shelf image analysis software for inspection, measurement and defect detection.
- **UV Curing Display** featuring Excelitas' [expanded portfolio of UV curing systems](#) for automated manufacturing lines. Robust and reliable solutions on display include the OmniCure® LX500 UV LED Spot Curing System, Phoseon FireJet™ air-cooled UV LED Curing System, Phoseon FireLine™ water-cooled UV LED Curing System and Fusion UV® F300 Microwave Curing System.

WHEN: May 12 - 15, 2025

WHERE: Excelitas Booth #2050
McCormick Place, Chicago, IL

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About Excelitas

Excelitas is the leading provider of advanced, life-enriching technologies that make a difference, serving global market leaders in the life sciences, advanced industrial, next-generation semiconductor and avionics end markets. Headquartered in Pittsburgh, PA, USA, Excelitas is

an essential partner in the design, development and manufacture of photonic technologies, offering leading-edge innovation in sensing, detection, imaging, optics and specialty illumination for customers worldwide.

Connect with Excelitas on [LinkedIn](#), [Facebook](#), [X](#) and [Instagram](#), or visit our website at www.excelitas.com for more information.

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