



MEDIA ADVISORY

March 31, 2026

Excelitas to Display UV Curing and Intelligent Infrared Solutions for Metal Coatings at PaintExpo 2026

WHO: [Excelitas®](#), a 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 its latest UV curing and intelligent infrared (IR) solutions for metal coating applications at [PaintExpo 2026](#).

WHAT: At Booth #1243, Hall 1, company experts will demonstrate how Excelitas' IR drying and UV LED curing solutions help manufacturers increase production efficiency while reducing energy consumption and maintaining consistent coating quality. Innovations on display include:

- **UV Coatings for Pipes and Tubes:** UV LED coating processes offer a highly effective, energy-efficient solution to reduce emissions and ensure fast drying times for pipes and tubes treated with protective coatings. Additionally, properly cured UV coatings significantly enhance scratch, light and chemical resistance of metal pipes. Compared to conventional curing methods, UV LED technology delivers significantly greater energy efficiency, helping manufacturers lower operational and production costs.
- **IR Heat for Metal Coatings:** IR heating provides a precise, energy-efficient solution for drying and curing water-based topcoats on housings and powder coatings on metal surfaces. Emitters can be tailored to specific materials and surface properties, such as polished versus dark finishes or flat sheets versus solid components, to optimize heating performance. Medium-wave IR emitters support faster surface drying, while short-wave emitters provide deeper heat penetration. This precision improves process reliability while helping reduce energy use, production time and space requirements.
- **IR Drying and UV Curing Solution from a Single Source:** UV technology enables fast, reliable curing, while IR systems provide precise, uniform drying and heating. Following the acquisitions of Phoseon® and Noblelight®, Excelitas now offers a comprehensive portfolio of IR drying and UV curing solutions. The expanded product portfolio includes air- and water-cooled UV LED area-curing systems, UV lamp and LED spot-curing systems, UV microwave and LED systems, IR emitters, and low- and medium-pressure UV curing lamps across the Phoseon, OmniCure®, Noblelight and Fusion UV® brands.

WHEN: April 14 – 17, 2026

WHERE: Excelitas Booth #1243, Hall 1, Messe Karlsruhe, Karlsruhe, Germany

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About Excelitas

Excelitas is a 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 advanced technologies, offering leading-edge innovation in sensing, detection, imaging, optics and specialty illumination for customers worldwide. Excelitas is at the forefront of addressing many of the relevant megatrends impacting the world today, including precision medicine, industrial automation, artificial intelligence and connected devices (IoT).

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

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