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ViTrox Americas to Discuss AI-Powered Inspection and Manufacturing Intelligence Solutions at SMTA Silicon Valley Expo & Tech Forum

Hutto, TX – November 2026 – ViTrox Americas is pleased to announce its participation in the SMTA Silicon Valley Expo & Tech Forum on Thursday, December 3, 2026, at the Fremont Marriott Silicon Valley in Fremont, California. The company will highlight its comprehensive portfolio of AI-powered inspection technologies and Manufacturing Intelligence Solutions Towards Industry 5.0, designed to help manufacturers improve quality, increase productivity and advance smart manufacturing initiatives.

As electronics assemblies become increasingly complex, manufacturers require intelligent inspection technologies that deliver greater accuracy, efficiency and process visibility. ViTrox addresses these challenges through an integrated portfolio encompassing Smart 3D Solder Paste Inspection (SPI), Smart 3D Automated Optical Inspection (AOI), Smart 3D Automated X-ray Inspection (AXI) and Smart Robotic Optical Systems (ARV).



These advanced solutions combine high-resolution imaging, artificial intelligence and automation to identify defects, improve inspection consistency and reduce manual intervention throughout the electronics assembly process. AI-driven capabilities, including intelligent programming, automated defect classification and adaptive process optimization, help manufacturers minimize false calls, streamline inspection workflows and improve overall production yields.

Beyond inspection, ViTrox will highlight its V-ONE Manufacturing Intelligence Solutions Towards Industry 5.0, which connect inspection equipment, production data and intelligent analytics to provide greater visibility across manufacturing operations. Through real-time monitoring, advanced data visualization and process analytics, V-ONE enables manufacturers to identify trends, investigate defects and make more informed decisions to support continuous improvement.

By integrating intelligent inspection with connected manufacturing technologies, ViTrox helps electronics manufacturers transition from reactive quality control to proactive, data-driven process optimization, supporting greater efficiency, traceability and production reliability.

For more information, visit www.vitrox.com.

About ViTrox Technologies
ViTrox is committed to being the World's Most Trusted Technology Company and the leading solutions provider through the most innovative, advanced, and cost-effective machine vision solution of excellent quality to its customers by integrating ViTrox's technologies, people, and strategic alliances.

ViTrox offers a full spectrum of solutions, ranging from Middle & Back-end Semiconductor Inspection Solutions, SMT PCB Assembly Vision Inspection Solutions, Integrated Industrial Embedded Solutions, and Manufacturing Intelligence Solutions Towards 5.0. ViTrox is headquartered in Penang, Malaysia, with regional offices in Asia, Germany, the United States, and is supported by a global network of sales and support sites.

For more information about ViTrox's products and services, please visit www.vitrox.com.