



FOR IMMEDIATE RELEASE

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ViTrox Brings AI-Powered Smart Manufacturing Innovations to SMTA International 2026

Humanised Intelligence
TRUSTED Results

SMT PCBA Vision Inspection Solutions

- V310Ai Optimus 3D Smart 3D SPI System
- V510Ai DST Smart 3D AOI System
- V510Ai R Smart 3D AOI System
- V510Ai Vision Pro Smart 3D AOI System
- V510Ai QX1 Smart 3D AOI System
- V9Ai Smart Robotic Optical System

VisionXpert Solutions

- XC Series VisionXpert Smart Camera Solutions
- XS Series VisionXpert Smart Code Reader Solutions

Manufacturing Intelligence Solutions Towards IR5.0

- V-ONE AI Self-Healing Solution

SMTA International
2026.10.27 - 10.29
Booth #2712
Donald E. Stephens Convention Center
Rosemont, Illinois | USA

Schedule Appointment

PENANG, MALAYSIA – September 2026 – ViTrox, which aims to be the World's Most Trusted Technology Company, is excited to announce its participation in **SMTA International 2026**. The exhibition will take place at the **Donald E. Stephens Convention Center** in Rosemont, Illinois, USA, **from 27 to 29 October 2026, at Booth #2712.**

As the industry experiences a surge in demand for high-complexity SMT PCBA, manufacturers are increasingly prioritizing precision and resilience. In response, ViTrox will showcase its advanced AI-driven technologies, specifically designed to empower manufacturers in building connected, self-optimizing factory ecosystems that meet these evolving market needs.

Key Highlights of the ViTrox Showcase Include:

- **V9Ai Series Smart Robotic Optical System**: Designed to automate manual vision inspection through flexible hardware, a modular software architecture, and advanced algorithms. Integrated with a 6-Axis COBOT robotic arm, the system provides multi-angle

inspection up to 90° to support conformal coating inspection, final assembly inspection, and more.

- **[VisionXpert Smart Camera Series](#)**: A compact yet powerful "mini AOI" solution that enhances production efficiency by combining advanced vision tools with AI Deep Learning Algorithms. Designed for maximum flexibility, it enables seamless integration into space-constrained environments while offering cost-effective automation, high-definition image quality, and reliable performance.

SMT PCB Assembly Vision Inspection Solutions & Manufacturing Intelligence Solutions Towards Industry 5.0 (V-ONE)

ViTrox will introduce its complete [SMT PCB Assembly Vision Inspection Solutions](#), featuring [Smart 3D SPI](#), [Smart 3D AOI](#), [Smart 3D AXI Systems](#), and the [Smart Robotic Optical System \(ARV\)](#). Seamlessly connected through [V-ONE](#)—these technologies form an end-to-end, AI-driven inspection ecosystem. This integration guarantees flawless data connectivity and true closed-loop control, empowering manufacturers to minimize human error, detect defects early, optimize process efficiency, and ensure uncompromized quality at every stage.

ViTrox warmly invites all industry professionals, strategic partners, and attendees to visit our team at **Booth #2712** during the SMTA International 2026 exhibition to discover how these advanced systems can streamline your operational workflows.

To connect with us, please schedule your appointment [here](#) for an exclusive product demonstration or book a one-on-one consultation with a ViTrox technical expert. For more information, contact us at enquiry@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.