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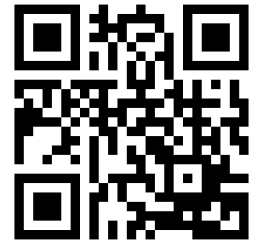
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## ViTrox Celebrates 25th Anniversary with Next-Gen Innovations at SEMICON SEA 2025

**SEMICON SOUTHEAST ASIA**  
2025.05.20 - 05.22  
Tue - Thu

Booth #L2201  
Sands Expo & Convention Centre  
Singapore

Seeing **BETTER SMARTER**

ViTrox V25<sup>th</sup> Anniversary

Middle & Back-end Semiconductor Vision Solutions  
Integrated Industrial Embedded Solutions  
SMT PCBA Vision Solutions  
Manufacturing Intelligence Solutions Towards IR5.0

VIE Integrated Industrial Embedded Solutions  
VisionPart Smart Camera (IC Series) Smart Guide Reader (IC Series)  
V-ONE AI2 Manufacturing Intelligence Solutions  
V20 G2 Post Seal Vision Handler  
TH3000I Pre-Board Vision Handler  
PX60I Die Sorting & Classify Handler  
WIX Wafer Vision Handler

V810 AXI Advanced 3D In-Run Inspection  
V210 SPI Industrial 3D Center Hole Inspection  
V510 ADI Advanced 3D Optical Inspection  
V71 ARV Advanced Remote Vision

NEW  
NEW  
NEW  
NEW

Make Appointment

**Penang, Malaysia – May 2025** – ViTrox, which aims to be the World's Most Trusted Technology Company, is proud to announce its participation in SEMICON Southeast Asia 2025, taking place from 20 to 22 May 2025 at the Sands Expo and Convention Centre, Singapore, at Level 1, Booth #L2201. This year marks a significant milestone as ViTrox celebrates its 25th Anniversary, commemorating a quarter-century of innovation and technological breakthroughs in the semiconductor and electronics industries.

SEMICON SEA serves as a premier platform that unites industry decision-makers, showcases cutting-edge products, and presents the latest market and technology trends. As a global leader in vision inspection solutions, ViTrox will unveil its comprehensive range of next-generation innovations, including [Middle & Back-end Semiconductor](#)

[Vision Solutions](#), [SMT PCB Assembly Vision Solutions](#), [Integrated Industrial Embedded Solutions](#), and [Manufacturing Intelligence Solutions Towards Industry 5.0](#), demonstrating ViTrox's ongoing commitment to smarter, more efficient, and high-quality manufacturing.

***Key breakthroughs:***

**[PX40i Die Sorting, Inspection & Package Solution](#)**: An advanced, fully integrated solution designed to streamline and enhance the semiconductor back-end process through high-precision die sorting, six-sided automated optical inspection, and packaging over a wide range of packaging types.

**[TH3000i Tray-based Vision Handler](#)**: Integrates Artificial Intelligence (AI) for next-level semiconductor inspection. The advanced SWIR inspection technology detects microcracks and internal defects with exceptional accuracy, while 4-side direct inspection ensures total quality control. Beyond inspection, the TH3000i is also built for factory automation to help manufacturers minimise manual intervention, optimise workflow, and move closer to a lights-off factory vision.

**[V510i 3D AOI for Advanced Packaging \(Semicon AOI & Micro AOI\)](#)**: An AI-powered solution with advanced 3D optical inspection of wire bonds, die defects, and solder bumps, offering up to 50% yield improvement while significantly reducing operating costs.

Beyond inspection systems, ViTrox will also showcase its powerful [Manufacturing Intelligence Solutions Towards Industry 5.0 - V-ONE](#). This smart manufacturing platform optimises production efficiency through real-time data visualisation, AI-driven insights, and full traceability.

**[Integrated Industrial Embedded Solutions](#)**, designed to strengthen the automation foundation of production lines through a wide range of advanced offerings, including EtherCAT based I/O Solutions, Illumination Systems, and Motion Solutions.

**[VisionXpert Smart Code Reader \(XS Series\)](#)**: A high-performance smart code reader designed to enhance traceability and productivity through advanced decoding, deep learning, and AI auto-tuning.

**[VisionXpert Smart Camera \(XC Series\)](#)**: A compact yet powerful "mini AOI" solution that integrates advanced vision tools, AI auto-tuning, and deep learning to deliver highly accurate inspection results.

Never let technical obstacles hold you back! Our ViTrox specialists will be on-site to answer your questions and provide live product demos. To experience our solutions firsthand, schedule an appointment by clicking this [link](#) or scanning the QR code below.



Contact us via [enquiry@vitrox.com](mailto:enquiry@vitrox.com) for more information. We look forward to welcoming you at SEMICON SEA 2025!

### **About ViTrox Technologies**

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

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 Industry 5.0](#). ViTrox is headquartered in Penang, Malaysia, with offices in Asia, Germany, and the United States and sales and support sites worldwide.

For more information about ViTrox's products and services, please visit [www.vitrox.com](http://www.vitrox.com).