



FOR IMMEDIATE RELEASE

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ViTrox Brings Intelligent Automation and Digital Manufacturing to Johor Industrial Fair 2026

Humanised Intelligence
TRUSTED Results

Capture . Connect . Control with Vision . AI . Robotics

Integrated Industrial Embedded Solutions

- XC Series** VisionXpert Smart Camera Solutions
- XS Series** VisionXpert Smart Code Reader Solutions
- I/O Cards | Motions | Illuminations** Integrated Industrial Embedded Solutions

Manufacturing Intelligence Solutions Towards IRS 0

- V-ONE** with Agentic AI
- DIMB** Digital Intelligence Module
- V-ONE MARS** IoT Data Acquisition Gateway
- MES ERP** Solutions for Manufacturing Companies

NEW V-Trace Solutions

- VisionSmartCheck** AI Vision Inspection with Traceability
- VisionSmartGuide** AI-guided Assembly Process Validation

ViTrox

JOHOR INDUSTRIAL FAIR 2026
The Second Edition

2026. **08.19 - 08.21**
Ballroom A
Booth #J176, J177
Austin International Convention Centre
| AICC, Johor Bahru

Schedule an Appointment

PENANG, MALAYSIA – July 2026 – ViTrox, which aims to be the World's Most Trusted Technology Company, is pleased to announce its participation in Johor Industrial Fair 2026, one of Southern Malaysia's premier industrial and manufacturing exhibitions. The exhibition will be held from **19 to 21 August 2026** at the **Austin International Convention Centre (AICC)** in Johor Bahru, Malaysia, where ViTrox will be exhibiting at **Ballroom A, Booth #J176 and J177**.

As the Johor Industrial Fair (JIF) 2026 gathers manufacturers, technology leaders, and solution providers to advance the future of smart manufacturing, ViTrox is leveraging this premier platform to demonstrate our latest innovations in digital transformation. ViTrox will showcase a comprehensive portfolio of smart manufacturing solutions, including:

V-ONE 5.0: The Industrial Data Intelligence Platform

ViTrox V-ONE 5.0 serves as the digital foundation of Manufacturing Intelligence Solutions, driving the transition towards Industry 5.0. By seamlessly unifying machines, enterprise systems, and human operations, it transforms complex shop-floor data into real-time, actionable insights to optimise production efficiency and unlock smarter, data-driven manufacturing.

Highlighted V-ONE 5.0 Features

- **V-ONE with Agentic AI**: An intuitive low-code platform that enables users to rapidly develop custom Industry 4.0 applications using drag-and-drop visual tools. It features **Builder AI**, which allows users to auto-generate UI layouts, translate flowcharts into e-tickets, and build interactive widgets linked to live data. This is supported by the **V-ONE Marketplace** for instant access to ready-to-use apps, all driven by **Agentic AI** to proactively solve manufacturing challenges.
- **DiMo – Tablet Version**: A flexible Job Intelligence solution developed for manufacturing environments, supporting both cloud and on-premise deployments. It digitalises work order management and production tracking while improving communication and coordination between planning teams and shop-floor operations through DiMo interactive devices.
- **V-ONE Mars**: An industry-grade data acquisition gateway that simplifies industrial data acquisition and logic automation with intuitive interfaces, enabling seamless sensor integration and real-time analytics. It supports multiple interfaces and protocols for seamless connectivity to the V-ONE Cloud, and is powered by V-ONE MARS Edge software, which enables IoT configuration through device components, function nodes, and logic block workflows using a zero-code development platform.
- **MES & ERP Integration**: **Enterprise Resource Planning (ERP)** serves as the strategic backbone of the organisation by integrating core business functions such as finance, procurement, and sales to enable seamless enterprise-wide data flow. In alignment with global objectives, the **Manufacturing Execution System (MES)** provides real-time visibility and control on the production floor, converting high-level orders into precise, trackable operations that enhance shop-floor efficiency.

V-Trace Solutions for End-to-End Manufacturing Traceability

V-Trace Solutions enable intelligent process guidance and automated product verification to enhance manufacturing accuracy, improve quality control, and strengthen traceability across different stages of production:

- **VisionSmartGuide**: An AI vision-powered solution that provides real-time guidance and step-by-step process validation for manual assembly operations. Using advanced AI video processing technology, it helps error-proof assembly at the source, validating each step as it happens during the process to help flag incorrectly assembled products before they advance to the next production stage.

- **VisionSmartCheck:** A newly launched automated vision inspection solution powered by the [VisionXpert Smart Camera](#). Acting as a digital gatekeeper on the production line, it replaces subjective manual inspections with traceable automated verification while seamlessly transferring inspection data to the V-Trace server for complete end-to-end traceability.

VisionXpert: Intelligent Vision Solutions

The **VisionXpert Solutions** delivers powerful edge-level vision processing solutions that enable fast inspection, real-time decision-making, and seamless integration into smart manufacturing environments:

- [VisionXpert Smart Camera \(XC-330\)](#): A high-performance smart vision solution that delivers fast and accurate inspection with seamless integration into production environments. Equipped with a powerful built-in processor and a comprehensive suite of ready-to-use vision tools, the XC Series performs edge-level computation directly at the source, enabling reliable inspection results and enhanced.
- [VisionXpert Smart Code Reader \(XS-130\)](#): A smart code reading solution designed for fast and accurate identification on production lines. It enhances traceability and supports automated manufacturing processes through stable and dependable code reading performance.

Furthermore, our sales and technical experts will be available to introduce our [Integrated Industrial Embedded Solutions](#), featuring our Industrial I/O, Motion, and Illumination solutions. Visitors can connect with our team to explore full technical specifications, real-world case studies, and customized application possibilities.

In addition, visitors are welcome to join **ViTrox's Technical Sharing Session** on **20 August 2026** (Thursday), from **11:30 AM to 12:00 PM**, presented by **Mr Vernon Chean Lynn Chii**. The sharing titled: **"ViTrox Manufacturing Intelligence Solutions: From Shopfloor to Office"**, will highlight how manufacturers can accelerate their digital transformation journey through intelligent solutions that connect people, processes, and production data.

Meet ViTrox at **Booth #J176, J177** to explore the smart manufacturing and inspection solutions, experience hands-on demonstrations, and connect with our experts to discover how AI-driven technologies are shaping the future of semiconductor and electronics assembly. Schedule a meeting during the show by clicking [here](#) or scanning the QR code below.

**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.