



FOR IMMEDIATE RELEASE

Contact:

ViTrox Technologies Sdn. Bhd.

746, Persiaran Cassia Selatan 3,

Batu Kawan Industrial Park,

14110 Bandar Cassia,

Penang, Malaysia.

Tel: (+604) 545- 9988

E-mail: enquiry@vitrox.com

Website: www.vitrox.com



Jabil and ViTrox Strengthen Manufacturing Excellence Through V-ONE Control Tower Digital Factory Collaboration



PENANG, MALAYSIA – May 2026 – ViTrox, which aims to be the World’s Most Trusted Technology Company in providing innovative, advanced, and cost-effective automated Machine Vision Inspection Solutions for the semiconductor and electronics packaging industries, proudly announces the successful integration of the V-ONE Digital Factory Solution into Jabil’s manufacturing workflows.

This partnership focuses on navigating the complexities of Industry 4.0, combining Jabil’s manufacturing expertise with ViTrox’s smart technology to drive operational agility and data-driven decision-making.

Addressing Traditional Manufacturing Challenges

Prior to adopting V-ONE, especially with the V-ONE Control Tower feature, the technical team handled machine fine-tuning and troubleshooting directly on the production floor. This manual

approach often required engineers to be physically stationed at individual machines, leading to potential bottlenecks and delays during programming adjustments. The lack of centralised, real-time data visibility made it challenging to monitor performance across multiple production lines simultaneously.

Optimising Operations with Remote Integration

The implementation of V-ONE has created flexibility on the manufacturing floor. By leveraging remote Automated Optical Inspection (AOI) programming, Jabil's engineers can now manage operations across multiple systems simultaneously from a central location. This transition has led to:

- **Enhanced Productivity:** Reduce machine downtime by streamlining programming workflows.
- **Operational Agility:** Engineers are able to address system alerts without interrupting live production, reducing costs while enhancing inspection performance.

Enhancing Quality Control with Data-Driven Insights

V-ONE functions as a centralised system for real-time monitoring and detailed defect analysis. Jabil's quality teams utilise the platform to:

- **Track Metrics:** Maintain consistent quality by visually tracking FPPM and DPPM performance against daily benchmarks.
- **Enhance Visibility:** Access instant equipment status updates to ensure optimal resource allocation across the entire production line.
- **Foster Seamless Collaboration:** Utilise the VVTS tool to enable engineers and technicians to review 3D and golden images concurrently, ensuring rapid and precise troubleshooting.

"V-ONE's remote AOI programming has been a game-changer, allowing us to manage multiple lines centrally and reduce our troubleshooting time," said Justin Barr, Operation Director at Jabil. "This collaboration positions us advantageously for future opportunities and long-term success."

"This successful deployment at Jabil serves as a global benchmark, confirming V-ONE's potential to drive large-scale digital transformation initiatives across complex manufacturing environments," noted Benjamin, ViTrox Global Account Manager. "We are proud to support their journey toward a more connected and efficient manufacturing environment."

This project represents a significant milestone in our enduring partnership, paving the way for future large-scale digital transformation initiatives.

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.