

Press Release

vAI from Viscom – Enhancing Performance with Artificial Intelligence at productronica India 2025

Bangalore, August 19th, 2025 – Viscom, a global leader in automated optical and X-ray inspection, is set to spotlight its latest advancements in AI at productronica India 2025. From September 17–19 at the Bangalore International Exhibition Centre (BIEC) attendees can meet Viscom’s experts, at Hall 4, Booth No: H11 to explore the future of electronics manufacturing inspection.

Viscom’s AI-driven solutions are designed to be strategic enablers for electronics manufacturers aiming for 100% defect-free products. Effective inspection relies on proven concepts and methods, such as robust algorithms, precise 3D measurement techniques, and high-resolution image processing.

Building on these foundations, Viscom offers additional AI-powered tools for their inspection systems. Explore Viscom’s smart AI solutions vAI, including AI-based verification, AI-supported image processing and inspection program generation at the productronica India.

Guido Bornemann, Head of Sales Asia, states: “Viscom’s vAI products are designed to advance the automation of machine processes, tackle complex inspection tasks, and deliver faster results. Developed in-house by our team of AI experts and tested in the field with selected customers, these applications can be integrated into real production environments step-by-step and tailored to individual needs. Viscom emphasizes transparency in AI quality, ensuring complete process control for our customers.”

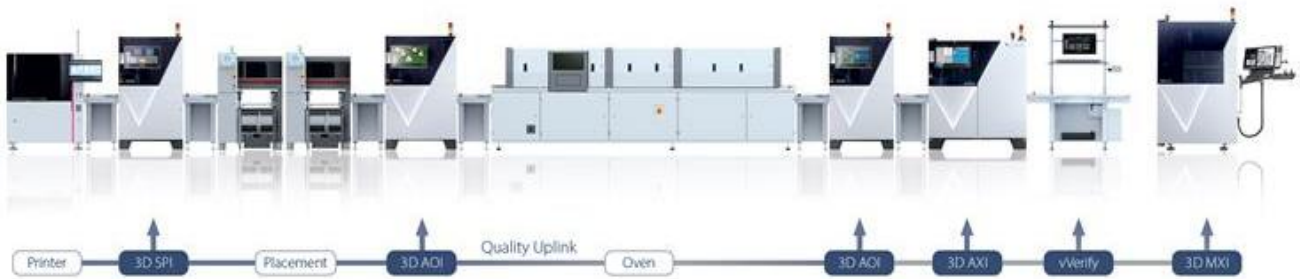
In addition, learn more about the advantages of Viscom’s fully integrated 3D AXI, MXI, AOI, and SPI inspection bundles, which offer significant benefits

when sourced from one supplier. Customers benefit from streamlined operations with one set of spare parts, unified software, and seamless communication across the inspection line.

Central to this integration is Viscom's Quality Uplink software, which intelligently connects inspection images and results from SPI, AOI, AXI and MXI systems. This ensures more efficient process control, support operators at the verification station, reduce human error, and enables the development of improved inspection strategies.



vAI by Viscom - The Next Generation of Quality Control – Smarter, Faster, More Adaptable



Viscom's Quality Uplink - Enhance productivity, increase first-pass yield, reduce costs, and ultimately improve product quality.

By storing inspection data across all systems, manufacturers gain full traceability and can perform downstream process analyses to enhance productivity, increase first-pass yield, reduce costs, and ultimately improve product quality.

Visitors will also get hands-on experience with Viscom's software platform, vConnect, which sets a new standard in digital connectivity and process integration across production lines. Via the multipurpose-platform customers can also access Viscom's vAI Hub: it brings all AI-related processes into one environment. This centralized approach ensures fast adaptation and seamless integration into existing production processes. From void detection in X-ray images to verification of potential defects, the vAI Hub keeps AI implementation efficient and user-friendly.

Meet the Viscom India Team at productronica India 2025 to explore how AI is transforming inspection and visit Hall 4, Booth: H11 to see how Viscom's AI solutions can elevate your production.

About Viscom

Founded in 1984, Viscom SE is one of the leading suppliers worldwide in the field of assembly inspection within electronics production. With its headquarters and production site in Hanover, Germany, the company develops, produces and sells high-quality inspection systems from the areas of AOI, SPI, AXI, MXI, wire bond inspection as well as conformal coating inspection. The systems developed and manufactured in Hanover set high standards in terms of accuracy and speed. The product range covers the complete spectrum of optical inspection and X-ray inspection for small and medium-sized companies as well as for large series production. Viscom systems are used for 100% automatic inspection of electronic assemblies such as those used in the production of automotive electronics, aerospace technology or in the manufacture of telecommunications electronics.

Product development also focuses on customer-specific system developments and networking with other production processes for smart factory applications. In order to achieve this, Viscom SE increasingly invests in its own software and hardware development which is constantly defining new standards in inspection technology.

International sales are handled by a broad network of its own subsidiaries, application centers, service centers and representatives. A service team of in-house technicians and application specialists commission Viscom systems worldwide, offering maintenance, conversion and modernization from a single source. In addition, system-specific training courses are offered for customers' operators, programmers and maintenance personnel. Experienced engineers and technicians from the application and service departments share their expert knowledge with participants.

Viscom SE has been listed on the Frankfurt Stock Exchange since 2006 (ISIN: DE0007846867).

About Exacom

Exacom GmbH develops X-ray metrology systems for high-quality and cost-effective inline inspection of battery cells. The company has a wide expertise in defect detection and process optimization from research and development to mass production. The advanced solutions cover a wide range of cell formats, including coin, cylindrical, pouch and prismatic cells. Exacom is part of the strong German group Viscom SE.