

Press Release

Viscom to Showcase the Next Generation of AI-Powered Inspection at SMTA International 2026

ROSEMONT, IL – October 2026 – **What if inspection programming could take minutes instead of hours? At SMTA International 2026, Viscom Inc. will present how artificial intelligence is changing the way electronics manufacturers approach automated quality inspection – from intelligent programming to increasingly autonomous inspection processes.**

At the center of Viscom's showcase will be vAI ProVision, the company's AI-powered solution for automated inspection program generation. Integrated into Viscom's vVision software platform, vAI ProVision dramatically reduces the time and effort required to create inspection programs for both AOI and AXI applications.

By leveraging AI to automate key programming steps, manufacturers can respond faster to new products and production changes while reducing the engineering effort traditionally associated with inspection programming. The result is a more flexible inspection process that can adapt to the increasing complexity and variability of modern electronics manufacturing.

From Automated Inspection to Intelligent Inspection

For Viscom, AI is more than an additional software feature. It is becoming an integral part of the inspection process.

At SMTA International, Viscom will present how AI-based programming and verification work together with advanced imaging technology, process data and connectivity. The approach is designed to move inspection beyond simply detecting defects toward a system that can support manufacturers in making faster and better-informed decisions throughout production.

The foundation for this approach is Viscom's latest inspection hardware, including the iS6059 high-end AOI platform and the iX7059 AXI series. Advanced 3D sensor technology, flexible illumination and high-resolution

imaging provide detailed inspection capabilities for demanding electronic assemblies – while Viscom’s software ecosystem turns inspection data into actionable information.

“AI gives us the opportunity to rethink automated inspection from the ground up,” says Jesper Lykke, CEO of Viscom Inc. “Our focus is not on adding AI for the sake of AI. We want to use it where it delivers a tangible benefit to manufacturers – by reducing programming effort, improving inspection quality and making inspection processes more autonomous.”

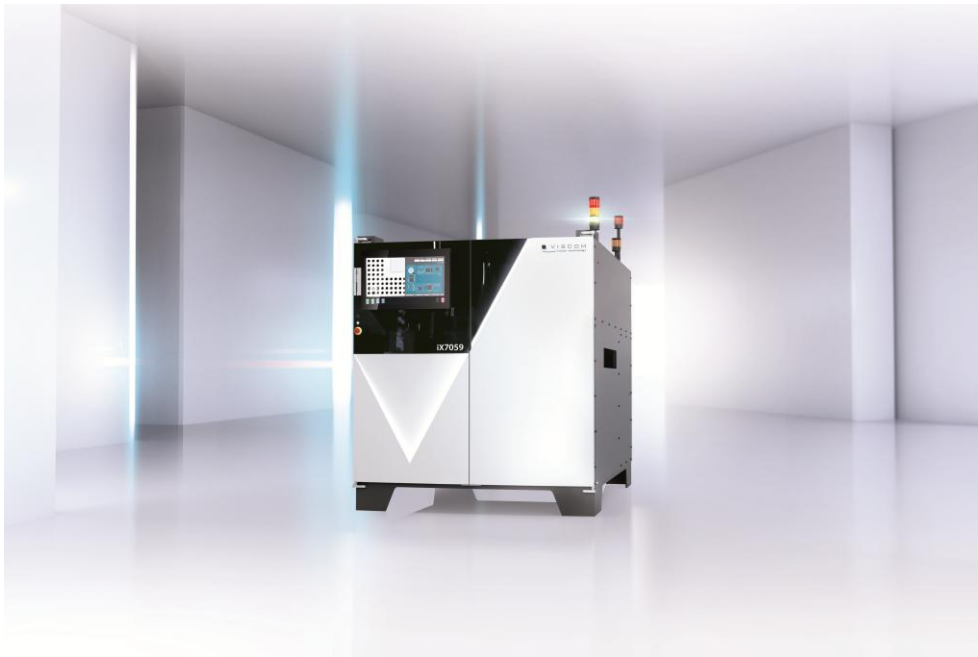
Connecting Inspection Data Across the Factory

Viscom will also introduce its vConnect platform, which connects inspection systems with the wider IT infrastructure of the manufacturing environment. By making inspection and process data accessible across the organization, vConnect supports applications such as production monitoring, traceability, condition monitoring and data-driven process optimization.

Together, these technologies represent Viscom’s vision for the next generation of quality assurance: intelligent inspection that combines advanced imaging, AI, software and connectivity to make automated inspection more efficient, flexible and autonomous.

Visitors to SMTA International 2026 are invited to meet the Viscom team and see the latest AI-powered inspection technologies in action.

Visit Viscom Inc. at Booth #3019, October 27-29, at SMTA International, Donald E. Stephens Convention Center in Rosemont, Illinois.



Viscom's Revolutionary iX7059



Viscom's iS6052 AOI

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.