

vAI PROVISION

vAI ProVision

Fast Inspection Program
Creation for AOI

Next-Level Speed in Inspection: vAI ProVision by Viscom

Viscom's new AI-driven software feature that redefines how inspection programs are created.

With the introduction of vAI ProVision Viscom is setting a new standard in the creation of 3D AOI inspection programs. By embedding AI into the vVision Software, inspection plans can now be generated and optimized almost entirely automatically: faster, smarter, and more efficiently than ever before. In just minutes, a ready-to-run inspection program is available, delivering maximum inspection depth, exceptional quality, and driving lasting improvements in production performance.

The Challenge

Programming AOI systems manually requires significant time and specialized expertise. This often delays commissioning, increases costs, and limits flexibility due to dependency on experienced specialists. As a result, production lines face bottlenecks and reduced efficiency, especially in fast-paced, high-mix electronics manufacturing environments.

The Solution

vAI ProVision, the AI-assisted feature in Viscom's vVision Software, creates fully functional inspection programs for AOI fast, without compromising on inspection depth. This innovation reduces setup time and operator workload while simultaneously increasing quality, process reliability, and throughput. The software feature is designed for electronics manufacturers of all sizes: from high-volume production lines to EMS providers handling high product variety and short life cycles.

Significantly faster program creation through automated AI processes

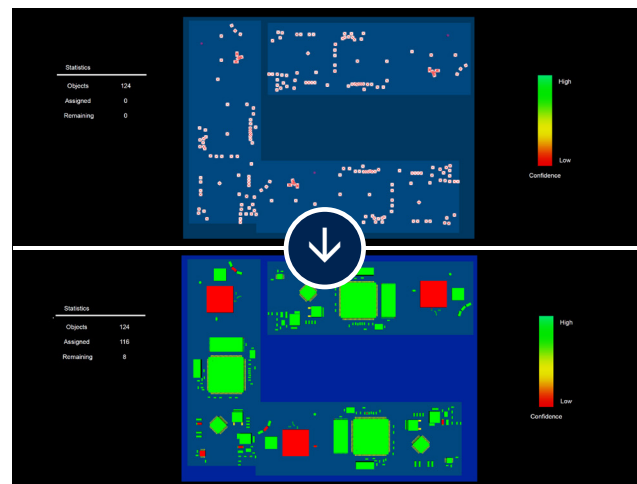
Reduced setup times & programming costs

Reduced dependency on expert personnel

Maximum inspection quality & depth

Shorter time-to-market for new products

Global flexibility across AOI systems



Based on the E-CAD input data, test samples with predefined templates are generated and assigned with the support of vAI

Smarter Production starts with vAI ProVision

With this innovation, Viscom sets a new industry standard for intelligent inspection programming. It is the perfect synergy of AI precision and industrial reliability, delivering the performance, flexibility, and efficiency for modern electronics manufacturing demands.



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Viscom also works with an extensive network of local representatives and distributors in Europe, the Americas, Asia and Africa. Please refer to our website for a list of our representatives and distributors.

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