

At LabelExpo Europe, Advanced Vision Technology To Feature “ZeroSet,” An Automated Inspection Workflow Solution Enabled By Pre-Production Software Leader Esko

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*Designed to Efficiently Inspect Short Runs
By Enabling Unattended Inspection Setup*

Strategic cooperation with Esko to streamline Quality and Process Control workflow

Hod-Hasharon, Israel – **Advanced Vision Technology (AVT) Ltd** – the world leader in print inspection, process control, quality assurance and color control for the packaging, label, folding carton, metal decoration and commercial print markets – will feature its new **ZeroSet** Automated Inspection Workflow at **LabelExpo Europe**, Stand 6H60, September 24-27 in Brussels, Belgium. Named for its operation simplicity and ease of use, ZeroSet was developed as part of the strategic cooperation between AVT and Esko, the market leader provider for Pre-production workflow solutions. ZeroSet addresses market needs for inspection on shorter runs and to better support the growing market of digital printing presses.

ZeroSet makes possible universal inspection – meaning even very short runs can be automatically inspected – leading to a direct improvement in overall quality control for jobs that, previously, may have been left uninspected. In addition, printing press operators utilizing ZeroSet do not need to define inspection system data nor print information during the printing process. This unattended operation greatly diminishes the likelihood of mistakes.

ZeroSet is enabled by a link between the prepress workflow with the AVT Automatic Inspection Solution. ZeroSet was created in partnership with **Esko**, who integrated the AVT Automatic Inspection Workflow with its Automation Engine version 12 (AE12) design and workflow software. The prepress operator identifies the critical areas in the job to be checked. The AE12 software then submits all setup-related parameters to the AVT Automatic Inspection Solution using Job Definition Format (JDF). This totally eliminates the need for printing press operators to set the system on-press.

Another benefit of AVT’s ZeroSet is uniformity: an automation-triggered setup enables all users to start from the exact same quality specifications. The solution also easily addresses job audits.

“The ZeroSet is the first outcome of our strategic partnership with Esko, the market leader for pre-production workflow. We are delighted to have this cooperation, which goes in-line with our commitment to provide our mutual customers an integrated and efficient quality and process control solution”, said Gal Shamri, Vice President of Corporate Business Development for Advanced Vision Technology Ltd. “The ZeroSet answers the market demand to enable automatic inspection on any job length and to specifically support the growing digital printing process,” and We look forward to showcasing this solution, together with our partner Esko, at LabelExpo Europe.”

We are very pleased to have this partnership with AVT. The link between the AVT inline inspection solution and the Esko Automation Engine 12 streamlines the quality control workflow from pre-press to press", says Bernard Zwaenepoel, Senior VP Software Business, Esko. "This cooperation with AVT extends the integration of end-to-end label and packaging print production workflow into the pressroom. We are looking forward to a successful Labelexpo Brussels where we will demonstrate to our customers the benefits of this mutually developed solution

The ZeroSet closely corresponds with HP Indigo Print Your Future concept, to be demonstrated, for the first time, on the WS6600 press at Labelexpo Europe. Being the market leader in digital print and complete workflow support, HP identified that such a solution will benefit customers, which requires inspection and quality control solution, adapted to the evolving world of digital print and especially short runs and web to print.

In addition, AVT will introduce additional quality control automation solutions, including the next generation of its established PrintFlow print quality database. **PrintFlow 2.0** features an upgraded user interface, a new roll map display and expanded production management capabilities. AVT will also showcase its signature **PrintVision/Helios II**, the company's industry-leading 100% inspection technology designed to meet the requirements of any label and narrow web application. The sophisticated solution inspects all print technologies – both on press and on rewinder – and offers a range of additional tools and modules for increased versatility, such as AVT's new Holographic Inspection Module.

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About AVT

Advanced Vision Technology (AVT) Ltd. is the world leader in print process control, quality assurance and color control for the packaging, labels, folding cartons, metal decoration and commercial print markets. AVT's products are sold to leading printing press suppliers, packaging, labels, commercial, semi-commercial, newspaper and specialty printers in the web printing markets.

More than 3,000 of AVT's signature PrintVision systems for automatic inspection of packaging and labels converting are installed worldwide. In addition, more than 900 of AVT's ColorQuick/Clarios closed loop color control systems are installed around the globe, showcasing the company's commercial sector prominence. AVT's global presence also includes 3,300 installations of MicroColor/Mercury color management and reporting software, and remote digital ink control systems.

Advanced Vision Technology is headquartered in Hod-Hasharon, Israel with sales, marketing, and support offices in the United States, Europe and China. For more information, visit www.AVT-inc.com.