

## Press Release

### **Viscom AG adopts Valor Process Preparation solution for electronics manufacturing efficiency**

*Duluth, GA, September 2017* — **Viscom AG**, a leading manufacturer of high-quality inspection systems, today announced the adoption of the **Valor® Process Preparation** technology from **Mentor®**, a Siemens business, for its Viscom vVision SPI and AOI systems. Recognized globally for providing superior 3D optical and X-ray inspection systems for electronics manufacturing, Viscom is seeing important benefits in using this additional tool. When combined with Valor Process Preparation software, the efficiency of the machines is significantly enhanced.



One of the more challenging tasks of operating AOI machines is the creation of robust inspection algorithms for new and non-standard parts that have not

been inspected on previous boards. Even for medium-sized boards, it can take some additional time to create a program with new parts. And for large designs, this additional effort can be significant. The combination of Viscom vVision and Valor Process Preparation creates a solution for this challenge.

The rules-driven auto-generation capability of Valor Process Preparation can create the regions of interest that the vVision machine needs to apply the optimum inspection algorithms. This data is usually created manually, which may delay the introduction of new parts. The Valor Parts Library (VPL) comprises shape geometries based on manufacturing part numbers (MPNs) from a central database.

The vVision inspection content also can be provided from the SMT placement libraries. All shapes are kept in a neutral format that can then be generated into machine-specific shapes using the Valor auto-generate feature, including those of ASM, Fuji, Juki, Panasonic and Yamaha, providing the Viscom vVision machine with a rich data set of PCB footprint and component package information. This significantly reduces the time to create inspection templates for new parts.

“Our proven Valor Process Preparation product will enhance the yield and productivity of Viscom’s customers so we are honored that our technology is being utilized in the vVision AOI and SPI systems,” stated Dan Hoz, general manager of the Valor Division of Mentor. “We expect that customers using Viscom’s machines will realize immediate productivity gains to meet competitive first-to-market goals.”

“The Valor tool and its package library are invaluable for further speeding up managing new parts,” stated Detlef Beer, senior manager of product engineering, Viscom AG. “Our initial test results show that using Valor Process

Preparation will reduce time on the machine to help our customers manufacture their electronics products with improved speed and efficiency.”

### **Product availability**

The Viscom vVision SPI and vVision AOI machines and Valor Process Preparation are available now. To see a live demonstration of this solution visit the Viscom booth (#709) at the SMTAi International (Sept. 19-20, 2017), Donald Stephens Convention Center in Rosemont, IL. For additional product information, visit [www.viscom.com](http://www.viscom.com).

### **About Viscom**

Viscom AG manufactures and sells high-quality automatic optical and X-ray inspection systems. The company is one of the leading suppliers of 3D solder paste inspection, component placement and solder joint inspection equipment in the PCB assembly market. Viscom systems ensure quality in surface mount technology production lines, where they can be interlinked to further improve productivity. The company's headquarters and manufacturing operation is located in Hanover, Germany. With a wide network of branches, applications and service centers, Viscom is represented throughout Europe, Asia and the Americas. Founded in 1984, Viscom has been listed on the Frankfurt Stock Exchange (ISIN: DE0007846867) since 2006. For more information, visit [www.viscom.com](http://www.viscom.com).

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