

**CHRISTOPHER**

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FOR IMMEDIATE RELEASE

## Next-generation Software Reduces AOI Programming by 40%

SANTA ANA, CA -- Inspection system specialist Marantz Business Electronics (MBE) and its exclusive U.S. Distributor, Christopher Associates, today announced the pre-release of new software for MBE's acclaimed series of AOI equipment. "The new V400 suite offers numerous advances, not least of which is an impressive productivity-boosting reduction in programming time of 40%," company officials said.

"The key to the dramatic reduction in programming resource is a whole new strategy that defines the easiest and shortest way to generate high quality inspection programs," explained Matthew T. Holzmann, President of Christopher Associates. "The foundation of the speed enhancement," he continued, "is a new function to create customer libraries automatically. This allows users to deploy the same library in different process stages from first-off inspection until post-reflow or post-wave soldering."

Other significant enhancements include a new Calculation algorithm that operates in conjunction with Marantz's Synthetic Imaging algorithms, facilitating deployment of 'Rule Based Algorithms' to improve AOI system capability. This approach is commonly used in vector systems and is ideal for high volume production applications. In particular, the combination of Synthetic Imaging and Rule Based techniques generates an unsurpassed quality of AOI program that delivers exceptionally high real defect detection while maintaining low levels of false calls.

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The V400 also features an improved colour-modelling algorithm that dynamically allocates colour information depending on the characteristics of the object to be inspected. This further increases inspection quality and reduces the effort required to debug and tune inspection programs.

“The upshot of Marantz’s new V400 software is better AOI programs in less time and with less effort”, said Holzmann. “These characteristics will deliver substantial improvements to high volume inspection productivity.”

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**EDITORS:** Mr. Holzmann is available to discuss the details of this new technology system. To arrange an interview or for additional information, please contact Lynzi Straub, 858-720-9111 ext. 206. EQUIPMENT PHOTOS also are available.