

Marantz announces powerful AOI networking and process control software



Marantz Business Electronics has announced the launch of a powerful new four dimensional AOI process control system at SMT Nuremberg, May 5-7. The Catch System can network multiple Marantz AOI machines into a completely closed loop process monitoring and quality control system uniquely optimized for each user's workflow and internal organization.

The Marantz Catch System offers the special advantage of utilizing an especially competitive open source SQL database capable of managing huge data quantity, multiple users and numerous machines. In addition to the SQL based network control center module, the Catch System comprises three additional modules which each manage a particular component of the workflow and connect to the physical and administrative layout of the factory

CS Repair provides a completely paperless system of defect classification and repair, working from three process operational variations and including full bar code control with multi panel bar coding. CS Watch enables the user to observe their process from either a remote location or a factory display, providing real time process control with alarms for critical parameters. The fourth module, CS Analyzer, delivers SPC Track and Trace and end of batch performance analysis. Spot causes of defects on the same PCB are derived by collecting data from sequential inspections, offering optimal traceability.

"We're much more than hardware providers," explained Marantz Business Electronics General Manager, Henk Biemans. "We are genuine process enablers and

the Catch system significantly highlights how much we know about productively utilizing AOI to measurably improve the manufacturing and financial performance of our customers. We pioneered 24-bit defect detection, and our newest our range of AOI technologies continues to move forward and deliver both premium performance and amazing value for today’s high mix manufacturers. And our newest European distribution partner --SmartRep – is also an experienced process specialist who understands the evolving needs of manufacturers and can deliver in-depth process support and technical expertise.”

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About Marantz Business Electronics

Well known for high quality Audio/Video products, Marantz developed its first AOI system in 1994. Developed to inspect PCB assemblies for correct component placement and soldering, the AOI system was designed for use in Marantz’s own factories. Proving to be a highly successful, cost-effective alternative to traditional human inspection, Marantz developed its first generation commercial system in 1996. With a steadily growing installed base, Marantz Business Electronics has now sold over 4000 units worldwide.

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