

Socionext selects Optimal+ for advanced manufacturing data analysis and yield improvement

Big Data analytic solution will improve SoC manufacturing productivity for Socionext

Yokohama, Japan and Holon, Israel, April 22, 2015 --- Socionext Inc. (Socionext) and Optimal Plus Ltd. (Optimal+), an Israeli company, today announced that Socionext, the leading Japanese fabless company for System LSI solutions formed by the consolidation of the LSI businesses of Fujitsu Limited and Panasonic Corporation, has selected Optimal+ to provide solutions to improve the efficiency and yield of its global manufacturing operations. The Semiconductor Operations Platform from Optimal+ will be used to enhance Socionext's manufacturing operations by driving measurable improvements in yield and quality through early error detection and correction, test operation loss reduction and more efficient yield management methods. These improvements will enable Socionext to provide a steady supply of high quality devices to their consumer and industrial customers.

Through the use of real-time, big data analytics provided by Optimal+, Socionext will be able to rapidly access, integrate and correlate the global manufacturing data generated from their test operations to detect issues in design and manufacturing. Socionext will also be able to shorten the engineering improvement turn-around-time across their various product lines. In addition, Optimal+ will help Socionext reduce final test costs by establishing a quality index measurement that is based on prior test operations that will allow manufacturing to spend less test time on known good devices and focus necessary test time on suspect devices. Finally, Optimal+ will also provide additional cost reduction flexibility to Socionext through professional services.

"As a fabless company, Socionext needs to be able to quickly analyze the big data generated from our foundries and OSATs worldwide to contribute to the improvement of early correction and yield recovery to reduce our supply chain costs," said Tetsu Ozawa, Director of Test Engineering Department of Socionext. "The real-time, big data analytics from Optimal+, will enable Socionext to take advantage of next-generation capabilities such as adaptive test time reduction to create competitive advantages for manufacturing operations under our new fabless model and provide steady, high-reliability products that create greater market value for our company."

"Socionext's success is grounded in its mission of continued innovation to better support its customers' needs," said Dan Glotter, founder and CEO of Optimal+. "We are committed to creating intelligence from every aspect of their manufacturing operations to enable them to deliver the most cost-effective and highest-quality product to their customers."

About Socionext

Socionext is a new, innovative enterprise that designs, develops and delivers System-on-Chip products to customers worldwide. The company is focused on imaging, networking and other dynamic technologies that drive today's leading-edge applications. Socionext combines world-class expertise, experience, and an extensive IP portfolio to provide exceptional solutions and ensure a better quality of experience for customers. Founded in 2015, Socionext Inc. is headquartered in Yokohama, and has offices in Japan, Asia, United States and Europe to lead its product development and sales activities.

For more information, visit www.socionext.com

About Optimal+

Optimal+ is a global provider of Manufacturing Intelligence software solutions, enabling any semiconductor company to seamlessly aggregate, organize and act upon the global manufacturing and test data generated across their internal and external supply chains to measurably improve yield, quality and productivity. The company's real-time, big data analytics solutions are deployed in virtually every major foundry and OSAT currently serving the semiconductor ecosystem, processing over 20 billion chips every year on behalf of its customers and is ushering in an era of unprecedented supply chain visibility that translates into strong and measurable ROI.

For more information, visit www.optimalplus.com.

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