

Pintail and Salland Engineering Form Strategic Alliance

Leaders in Semiconductor Test Software Extend their Reach

Dallas, TX and Zwolle, Netherlands (March 26, 2008) – [Pintail Technologies](#) and [Salland Engineering](#) announced today that they have formed a strategic alliance that will enable them to extend their leadership in the semiconductor test software market. The two companies are sharing technology roadmaps and product integration plans as well as conducting joint marketing on a worldwide basis. Numerous customers of both company's products have recognized the synergistic fit between the product lines and have encouraged the companies to collaborate more closely.

"Pintail is clearly the world leader in providing Adaptive Test solutions," stated Paul van Ulsen, President of Salland Engineering. "[Adaptive Test](#) is a broad set of new techniques that allow users to improve test yield, test cost or test quality by dynamically adjusting the actions of the automatic test equipment (ATE) during production based upon statistical process control (SPC) algorithms. It is clear from the customers we have met with and the more that 400 copies of [SwifTest™](#) currently in production, that Pintail is several years ahead of others in this rapidly growing new field."

"Salland's reputation for delivering outstanding solutions to complex test challenges is recognized worldwide," stated Taylor Scanlon, president and CEO of Pintail. "[SE-PROBE™](#) is the most comprehensive real time wafer mapping and dynamic test cell controller on the market today. With over 1500 systems in production, Salland is clearly the world's leader in this segment. Salland's solutions for Adaptive Test are complementary to Pintail's and will further expand our solutions for test optimization and dynamic parts average testing (DPAT.)"

"We also value the strong worldwide capabilities of Salland's applications engineering team," added Scanlon. "As demand for both parties' products continues increase, our customers are expecting a high level of technical expertise and support across the test supply chain. Together we will have the strongest field support team in the semiconductor test software industry."

"This type of collaboration is very healthy for the industry," commented Kent Mazzia, Executive Director, World Wide Test Services for [Maxim Integrated Products](#). "The challenges from our customers for semiconductor testing continue to increase and solutions from companies like Salland and Pintail provide strategic answers to those problems."

The parties plan to more closely integrate [SEDana™](#) as the off-line analysis tool used to predict the performance of SwifTest-MX when used for test time reduction and SwifTest-AQ for adaptive quality improvement. In addition to these adaptive test solutions, test floor managers will now be able to integrate the real-time [OEE capabilities](#) of Pintail's TestScape® system with the functionality of Salland's real time test cell controller SEPROBE.

"[TestScape](#) provides both test floor managers and upstream users of test subcons a real-time dashboard to monitor multiple test floors and heterogeneous brands of ATEs," stated Keith Arnold, Pintail's chief technology officer. "By adding Salland's SEPROBE as the test cell controller, test floors will be able to improve the data integrity of the enormous volumes of test results being monitored. SEPROBE also

provides sophisticated capabilities to reduce retest costs, improve contact life cycle management, and other on-line test optimization.”

The two parties combined customer base includes many of the leading semiconductor manufacturers and test subcons in the world including: Advantest, Analog Devices, Atmel, ASE, Avago Technologies, Bosch, CSR, Fairchild, Freescale, Hitachi, Infineon, IBM, Intel, KYEC, National Semiconductors, Maxim, Micrel, Micronas, Microchip, NXP, On-Semiconductor, Power Integrations, Qualcomm, Qimonda, Raytheon, Renesas, Sony, ST-Microelectronics, Toshiba, Teradyne, Texas Instruments, UTAC-Taiwan, Verigy and Volterra.

About Pintail Technologies

Pintail Technologies is a semiconductor test improvement and yield learning company that provides adaptive test software to reduce the cost of test and increase production output and quality through existing test equipment and programs. Pintail has created the first test improvement solutions to combine real-time, on-line, adaptive test with powerful web-based database applications. Fabless and integrated device manufacturers (IDM) worldwide, in collaboration with leading assembly and test suppliers use Pintail tools to increase competitive advantage and improve responsiveness to test issues. Pintail has sales offices in Dallas, Austin, San Jose, Seoul, Singapore, and Taiwan. See www.pintail.com.

About Salland Engineering

Established in 1992 and currently employing over 85 people, Salland Engineering is a world leader in test application support, data analysis, and ATE products and Efficiency & Yield improvement solutions. All Salland's product are designed for lower cost of test and easy usage. Working closely with customers and ATE manufacturers, Salland Engineering has delivered over 700 turnkey test applications and over 4000 products and solutions, including the worlds' highest channel density integrated test instruments for modern open architecture ATE. Salland has offices in Zwolle (NL), Singapore, Pleasanton (CA) and local support in Japan, Korea, Taiwan, and Philippines. Visit www.salland.com.

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