

## **Pintail Technologies' TestScape™ Provides Real-Time Test Floor Views for Semiconductor Companies**

**Unique Web-based dashboard speeds test floor exception analysis with deep analytical capabilities**

**DALLAS (Oct. 6, 2004)** – Pintail Technologies, a breakthrough provider in semiconductor test improvement solutions, today announced the availability of TestScape™, a Web-based, real-time dashboard tool that provides a comprehensive view of test floor activity with pinpoint analysis of exceptions that reduces time and costs for all semiconductor companies and their service providers.

TestScape is designed to provide up-to-the-second reporting and analysis of test floor performance based on monitoring and statistical exception data from Pintail's SwifTest® solution. The architecture provides a unique combination of true real-time monitoring on a local basis at the ATE test level, combined with a centralized DBMS and Web-based viewer that add near real-time reporting and historical analysis for yield, statistics and sampling.

Unlike yield-only solutions, TestScape and SwifTest improve useful insight into test operations without the clutter of massive amounts of useless data. Simultaneously, Pintail's unique architecture provides immediate feedback on test operations without the delays associated with batch processing or distributed IT architectures.

"As more fabless and IDM companies outsource test operations, the need to view real-time test floor activity has increased throughout the semiconductor supply chain," explained Taylor Scanlon, president and CEO of Pintail. "Pintail is responding to the mission-critical needs of our customers' by creating a Web-based tool that is unique in the industry. Finally, an easy-to-use, enterprise-wide capability exists for analyzing semiconductor test operations at all levels of management and engineering."

TestScape's versatile "slice-and-dice" features provide technical insight into test issues throughout the organization, dramatically shortening the analysis and lot disposition process:

- Test engineers monitor initial production lots to identify test process improvement needs
- Product engineers react quickly during maverick lot testing by drilling down into exception data and comparing product-level performance across multiple test systems
- Operations personnel receive alerts to test system problems, including idle time, probe card service needs, or handler jams
- Management obtain real-time views of test operations and OEE on demand
- Fabless companies remotely monitor test floor operations at SATS houses
- SATS houses offer customers a test floor operations view
- IT staff implement a network appliance solution with no additional impact to system resources

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“Test floor engineers have limited time and resources to explore vast amounts of data from their testers, so our customers need a real-time dashboard tool like TestScape to enable their engineering teams to isolate the root cause of a problem as it occurs” says Jeff Bibbee, CTO of Pintail. “Integrating this real-time monitoring system with existing wafer probe tools gives customers the best comprehensive OEE management and test process management available – we’re proud to improve the quality of test floors around the world.”

Implemented as a network appliance solution, the TestScape 100-node, plug-n-play solution can minimize the impact and complexity of system installation, configuration and maintenance. The integrated solution markedly reduces the IT infrastructure costs associated with hosting or outsourcing large database systems.

Once attached to the customer’s network, TestScape is configured to receive data from instances of SwiftTest running on major test platforms including Teradyne, Agilent, LTX and Eagle.

Pricing for TestScape is scalable according to the number of nodes that will be monitored. Future versions of TestScape will incorporate features to address the needs of independent device manufacturers (IDMs).

### **About Pintail Technologies**

Pintail Technologies is a semiconductor test improvement and yield learning company that provides breakthrough 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 test process control capabilities with innovative analytical programs in an integrated software suite designed for speed and accuracy. Fabless and integrated device manufacturers 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, Taiwan, Munich and Switzerland. See more information at [www.pintail.com](http://www.pintail.com).

