



FOR IMMEDIATE RELEASE

**Teradyne, OptimalTest Agree to Jointly Market
Test Operations Optimization Solutions**

NORTH READING, Mass.; NES ZIONA, Israel, May 18, 2009 – Teradyne, Inc. (NYSE:TER) and OptimalTest have entered into a strategic alliance to offer Teradyne customers a comprehensive and expanded set of semiconductor test solutions that deliver up to 30 percent test time reduction, 20 percent more operational efficiency and five percent increased yield. The software also improves critical yield learning during production ramps.

Based on Advanced Adaptive Test®, OptimalTest's software can be scaled to meet customer needs ranging from local test floor operations to linking globally dispersed, multi-enterprise manufacturing supply chains. The software supports advanced adaptive test in real time and "near time" across a distributed supply chain, as well as offline post-processing, for faster decision-making on profitability, performance and product quality.

OptimalTest's solutions for yield learning and reclamation, test time reduction, outlier detection and reliability, and quality meet Teradyne's requirements for easy use, implementation and deployment, as well as effectiveness.

"Teradyne recognized OptimalTest's software as an effective solution for meeting customers' high-volume production and strategic business needs," said Roy Chorev, Teradyne's Semiconductor Test software product manager. "The addition of OptimalTest to our third-party solution provider program will extend our technology and business capabilities to provide customers with the best software toolsets in the industry, and the convenience of a single point of contact. Through industry alliances like this, we help our customers innovate to reduce cost and get to market faster."

"Teradyne understands its customers' need for modern, innovative software solutions to complement and extend test hardware performance, as well as the importance of giving customers access to every competitive advantage in rapidly changing market conditions," says Dan Glotter, co-founder and CEO, OptimalTest. "This agreement is a testament to the power of our second-generation advanced adaptive test technology and the solutions built around it, which ensure higher data integrity while reducing the time to make critical decisions from days or hours to minutes."

Customers can leverage the joint expertise of Teradyne's worldwide Test Assistance Group (TAG) and OptimalTest's Customer Team to deploy these technologies. OptimalTest's software may be licensed for use



at customer-owned test floors or with their designated Outsourced Semiconductor Assembly and Test (OSAT) providers. Customers will license the software directly from OptimalTest. Pre-sales and sales support and development will be provided jointly by both companies. Post-installation service and support will be provided by OptimalTest's global support experts.

About OptimalTest

Established in 2005, OptimalTest provides comprehensive test management software solutions incorporating advanced adaptive test techniques. The company's suite of software is unique for its breadth, incremental modularity, seamless connectivity and real-time capabilities. Its solutions allow adaptation and enhancement of test processes and operations through continuous automated learning, advanced adaptive test techniques and expertly culled data that is decision-ready. The results are significant improvements in yield, test time reduction, reliability and quality as well as reduced cost of test. OptimalTest has growing worldwide operations in Asia-Pacific, Europe and the United States. For more information, go to www.optimaltest.com. Advanced Adaptive Test is a registered trademark of OptimalTest in the U.S. and other countries.

About Teradyne

Teradyne (NYSE:TER) is a leading supplier of Automatic Test Equipment used to test complex electronics used in the consumer electronics, automotive, computing, telecommunications, and aerospace and defense industries. In 2008, Teradyne had sales of \$1.1 billion and currently employs about 3,000 people worldwide. For more information, visit <http://www.teradyne.com/>. Teradyne® is a registered trademark of Teradyne, Inc. in the U.S. and other countries. All product names are trademarks of Teradyne, Inc. (including its subsidiaries).

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Editor's Note: For product photography and other resources, please visit Teradyne's press room at:

<http://www.teradyne.com/pressRoom/index.html>

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