

**ADVANTEST CORPORATION**

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**FOR IMMEDIATE RELEASE**

Advantest Corporation

## **Advantest Adopts Galaxy Semiconductor Solutions for Test Data Analysis**

*-Partnership Provides Advantest's Global Engineering and Applications Teams  
with Industry Standard Characterization Tools*

TOKYO, JAPAN and WALTHAM, Mass. - October 19, 2010 -- Advantest Corporation. (NYSE: ATE) and Galaxy Semiconductor Solutions today announced that they have entered into a worldwide licensing agreement for Galaxy Examiner™, a software package for semiconductor test data analysis. Under the terms of the agreement, Advantest's engineering and applications teams will globally deploy Examiner for STDF format datalog validation, acceptance testing, device characterization and correlation. Furthermore, in order to enable the most consistent data correlation and results, Advantest will promote the use of Examiner software to the users of its test equipment.

Examiner™ is a software solution that enables test and product engineers to perform device and test program characterization and yield analysis studies from standard semiconductor data files such as STDF. With just a single click Examiner generates comprehensive reports, such as: yield summary, Cp, Cpk, histograms, wafer maps, Pareto diagrams, and gage R/R. In addition, Examiner performs automatic guard-banding of test limits, and lets engineers perform "what-if" experiments to explore the impact of test program changes on yield and repeatability.

"Advantest's engineers work hand-in-hand with customers on the characterization of new devices and correlation of production test results to ensure higher product quality and yields while achieving the lowest cost of test," said Hirokazu Hagiwara, General Manager, 1st Software Division of Advantest. "We recognize the importance of giving our engineers the best tools in the industry to accomplish their goals, and we believe Galaxy's Examiner software offers Advantest the most competitive data analysis product on the market today."

"Advantest has been a Galaxy user for several years," said Bertrand Renaud, COO of Galaxy Semiconductor. "We are very pleased to extend our relationship with Advantest to a worldwide partnership, further reinforcing Examiner's position as the defacto industry standard for desktop test data analysis."



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## **About Advantest Corporation**

A world-class technology company, Advantest is the leading producer of automatic test equipment (ATE) for the semiconductor industry and a premier manufacturer of measuring instruments used in the design and production of electronic instruments and systems. Its leading-edge systems and products are integrated into the most advanced semiconductor production lines in the world. The company also focuses on R&D for emerging markets that benefit from advancements in nanotech and terahertz technologies, and has recently introduced critical dimension scanning electron microscopes essential to photomask manufacturing, and a 3D imaging analysis tool to the transportation industry. Founded in Tokyo in 1954, Advantest established its first subsidiary in 1982, in the USA, and now has subsidiaries worldwide. More information is available at [www.advantest.co.jp](http://www.advantest.co.jp)

## **About Galaxy**

Galaxy Semiconductor Solutions is a leading provider of test data analysis, yield management and DPM reduction software for the semiconductor industry. Galaxy products are used by over 2500 users worldwide to help increase device yields, reduce defects and improve engineering productivity. Galaxy products are easy to learn and use, and offer a very short time-to-benefit, coupled with a compelling return on investment. More information about Galaxy can be found at [www.galaxysemi.com](http://www.galaxysemi.com).

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