

# Thermo Electron's New Watson LIMS - Xcalibur Digital Interface Promotes GLP and 21 CFR Part 11 Compliance

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(An image is available to go with this Press Release)

SAN ANTONIO, Texas (June 6, 2005) – Thermo Electron Corporation (NYSE:TMO) announces the introduction of a new bi-directional digital interface between its Watson Laboratory Information Management System (LIMS) and Xcalibur mass spectrometry (MS) software to promote compliance with Good Laboratory Practice (GLP) standards and 21 CFR Part 11 electronic records keeping regulations. The interface – one of the highlights of the new Watson version 7.2 – will be exhibited at the 53rd ASMS conference on mass spectrometry, San Antonio, Texas, June 5-9.

“The bi-directional digital interface ensures the rapid and secure transfer of analytical run information directly from Watson to Xcalibur and the return of results back to Watson without an intermediate file,” said Joel Usansky, Ph.D., product manager for Watson LIMS. “Traditional file-based interfaces involve importing a LIMS-generated sequence file into an instrument control software system like Xcalibur, and then a results file back into a LIMS. That means text files have the potential to be lost, misplaced or changed, which exposes a laboratory to possible non-compliance with GLP or 21 CFR Part 11 regulations. Seamlessly integrating Thermo software solutions eliminates the need to import text files, and therefore promotes compliance and improves laboratory efficiency.”

The Watson LIMS - Xcalibur integration is enabled through an XML-based instrument gateway, which facilitates data transfer between the LIMS and the MS instrument control software.

The Watson 7.2 release, developed to support Oracle 10g, includes numerous enhancements, including study sign-off, custom study fields, and analysis of solutions and preparations. Watson is specifically designed to support drug metabolism and pharmacokinetic (DMPK) studies in drug development. The system communicates with external software from instruments such as LC/MS, ICP-MS, HPLC and other systems via file-based and digital interfaces. The Xcalibur software is a flexible Windows-based data system, providing instrument control and data analysis for the entire family of Thermo's mass spectrometers

including the Finnigan TSQ Quantum triple quadrupole mass spectrometer series. Xcalibur enables quick, efficient acquisition and processing of data as well as results delivery.

For more information about Thermo's new digital interface between Watson LIMS and Xcalibur MS software, please visit Thermo at booth #67 or in the hospitality suite in the Marriott River Center, Salon E, at the ASMS conference. Alternatively, please call +1 800-532-4752 or e-mail [analyze@thermo.com](mailto:analyze@thermo.com) or [marketing.informatics@thermo.com](mailto:marketing.informatics@thermo.com)

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#### About Informatics

Thermo is the worldwide leader in laboratory software and related services, providing enterprise-wide, multi-laboratory solutions that have become the corporate standard at leading organizations. Our LIMS and CDS are facilitating laboratory data in the world's leading pharmaceutical companies, petrochemical and chemical plants, food and beverage manufacturers, and other major industries. To support our global installations, Thermo provides implementation, validation, training, maintenance and support from the industry's largest worldwide informatics services network.

#### About Thermo Electron Corporation

Thermo Electron Corporation is the world leader in analytical instruments. Our instrument solutions enable our customers to make the world a healthier, cleaner and safer place. Thermo's Life and Laboratory Sciences segment provides analytical instruments, scientific equipment, services and software solutions for life science, drug discovery, clinical, environmental and industrial laboratories. Thermo's Measurement and Control segment is dedicated to providing analytical instruments used in a variety of manufacturing processes and in-the-field applications, including those associated with safety and homeland security. Based near Boston, Massachusetts, Thermo has revenues of approximately \$2.7 billion, and employs approximately 11,000 people in 30 countries. For more information, visit [www.thermo.com](http://www.thermo.com).

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