

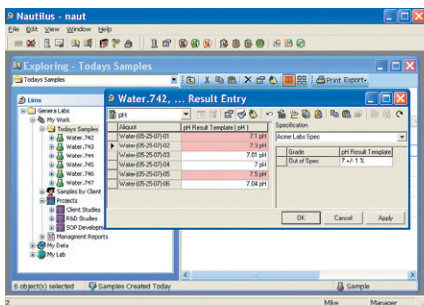
Count on Thermo Scientific Nautilus LIMS to increase productivity, throughput and accuracy all while improving data administration, sample traceability, and regulatory compliance. For laboratories that require a dynamic data management system that's flexible and configurable, Nautilus sets the standard with unparalleled levels of functionality and reduced Total Cost of Ownership.

Nautilus LIMS™

Information Management for Dynamic Environments



Nautilus uses a fully-configurable explorer view to allow users to see the information relevant to them.



Challenge

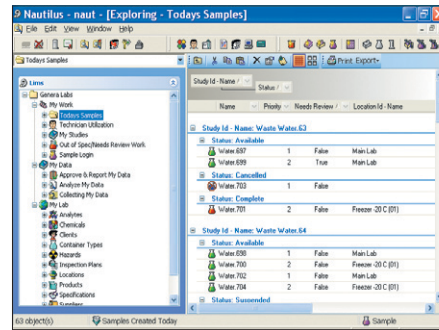
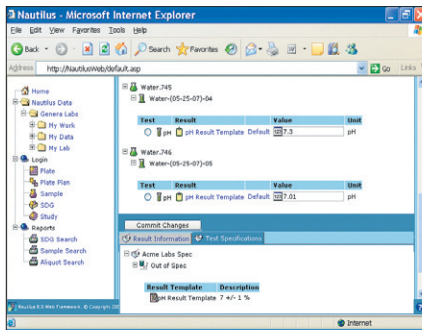
In the effort to accelerate new discoveries and release product to market faster than ever before, R&D and manufacturing environments must be diverse in nature and able to change on-the-fly. They face the burden of maintaining meticulous records on the vast amount of data that is collected and shared from disparate and sometimes global sources. Laboratories benefit from data management solutions that are unhindered and move at the pace of their operations, while still maintaining the ability to integrate regulated processes that adhere to GLP and 21 CFR Part 11. These environments demand an intuitive, purpose-built laboratory information management system (LIMS) that handles high throughput and employs easy toolkits so the system can be configured quickly and stay up to speed easily.

Count on Thermo Scientific

Thermo Scientific Nautilus LIMS offers unmatched flexibility and ease-of-use while increasing automation and throughput of sample analysis for the dynamic laboratory that runs complex plate-based assays. It's also suited for labs where ongoing analysis, varying materials and product demands require adaptability.

By incorporating automated, complex plate-handling functionality and patented graphical utilities to facilitate data tracking and management, Nautilus lets users map and track processes with ease. Users can create Workflows, map sample lifecycles and automate actions to eliminate error-prone manual activities and increase productivity and accuracy.

NAUTILUS LIMS



Results can be entered using the web or within the Nautilus clients. The full power of Nautilus is accessible using a windows client or a standard web service.

Easy to Configure, Reduced Total Cost of Ownership

To emulate and model laboratory processes, Nautilus' intuitive graphical interface and patented Workflows expedite the mapping of static and dynamic processes, allowing users to organize data and do their jobs quickly and effectively without programming the LIMS. With equal ease, Nautilus delivers data capture, integration and automation capabilities out-of-the-box, eliminating transcription errors and providing users with access to both raw and derived data. By improving efficiency and data reliability, Nautilus users can make more informed decision faster than ever.

A short learning curve, easy integration and automation mean that standardizing with Nautilus has a rapid return on investment and lower Total Cost of Ownership (TCO). Laboratories have noted increases as high as 72% in user-to-IT ratio, 40% in user efficiency and over 50% in work samples per month when standardizing on one LIMS.

Unifying LIMS and Analytical Instrument Data

Until now, LIMS and analytical systems have been autonomous and disparate. The Data Manager solution in Nautilus moves toward fully integrating these two platforms by providing the ability to store raw data from instrumentation and converting this data to a platform-independent format. By linking this data to the LIMS entities directly, users can make informed decisions since they have access to all of their instrument data in a single interface. Users can compare analyses from disparate instruments and overlay the results. Data Manager bridges the instrumentation gap, maximizing the value of existing analytical instruments and protecting investments into the future.

Increase Throughput with Advanced Plate Handling and Automation

Nautilus simplifies defining plate configurations and fill patterns, letting users build and format work-action and decision-tree processes against project requirements. Advanced plate handling within Nautilus includes graphical workflows, plate editors and built-in integration functionality that enables increased throughput and automation. Users can automate data flow or manipulate it manually, using capabilities like drag-and-drop within a graphical plate editor. With Nautilus,

previously disparate systems can now be integrated to allow for data to be electronically passed between them, eliminating manual error-prone processes and increasing productivity and data reliability.

Fully Auditable and Compliant

Nautilus' intuitive web interface aids integration and interaction with systems throughout the organization as well as other facilities, including regulatory agencies. This enables rapid access to up-to-the-minute data and information that impacts every phase of laboratory processes.

Nautilus has a configurable signature template and audit capabilities to comply with 21 CFR Part 11 so users are fully aware of what processes they must follow. Nautilus' database design fully utilizes an Oracle RDBMS to enforce data security, auditing and compliance with 21 CFR Part 11. Since Nautilus stores business rules in the database, security is always active, even when a third party application (e.g., a reporting package) accesses the data. This unique architecture enables integration with the entire laboratory in a flexible, secure manner that ensures the authenticity, integrity and traceability of the laboratory's data.

Partnering with Thermo Fisher Scientific

Thermo Fisher Scientific 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 companies in food and beverage, home and personal care, forensics, petrochemical and chemical, pharmaceutical and other industries. To support our global installations, we provide implementation, validation, training, maintenance and support from the industry's largest worldwide informatics services network.

Nautilus LIMS is part of our comprehensive portfolio of Thermo Scientific software solutions, including Atlas CDS™, a chromatography data system that integrates seamlessly with Nautilus LIMS™.

For More Information

Visit us on the web at www.thermo.com/informatics or call +1 866 463 6522 (US) or +44 161 942 3000 (Intl).