

Your Lab – Accessible From
Anywhere at Any Time –
From Any Web Browser

Thermo Scientific LIMS-on-Demand™

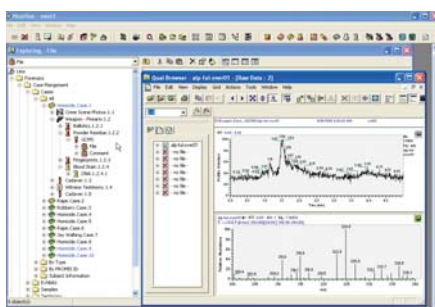
Full Featured LIMS Delivered
Over the Internet



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Challenge – Efficiently Managing the Laboratory for Optimum Decision Making

While there are many challenges to running an efficient laboratory, data management is one of the most critical facing scientists today. In labs of every size, data can be generated by multiple sources of instruments and systems, and most often in formats that are not compatible with each other. Collecting and analyzing this data, therefore, becomes a time-intensive process because scientists are faced with using paper-based methods, creating spreadsheets or other home-grown systems simply to capture and analyze the data. In small to mid-sized labs, where there may not be a dedicated IT function or a budget for investment in database software, scientists and lab managers often perform the dual roles of scientist and IT/systems manager. The result is that data quality and analysis can be prone to error from manual handling and the scientist ultimately spends time away from more productive scientific discovery.

Automating your Workflow to Gain Lab Efficiencies and Reduce Errors

To address some of the challenges of running an efficient laboratory, many organizations invest in a Laboratory Information Management System (LIMS) to manage the vast amount of data that is generated and to help coordinate workflow across the lab. With a LIMS managing the flow of data from instruments across the lab to a central database, scientists can be assured that their data is error-free and available for analysis when they need it and in the right format. A LIMS will also help the lab provide quality assurance and an audit trail for instances where traceability of data is important. In large organizations, an enterprise-level LIMS is managed by a dedicated team of IT or LIMS professionals who will monitor installation and processes related to validation and keep up to date with any system upgrades or hardware requirements. For smaller labs or organizations with limited IT infrastructure, this workload is impossible to manage. Thermo Scientific LIMS-on-Demand now makes it possible for you to control your

data, your time and your budget – while having the benefits of an enterprise-level LIMS delivered over the internet.

Count on Thermo Scientific LIMS-on-Demand

With LIMS-on-Demand, even the smallest labs can have the big benefits of an installed LIMS, without the cost or time associated with hardware and installation. LIMS-on-Demand makes your lab available to you at any time – from anywhere – from any web browser. LIMS-on-Demand will help you automate your workflow, delivering time and cost efficiencies and a reduction in errors due to manual manipulation of data. LIMS-on-Demand gives you automated data reporting, eliminating the time-consuming tasks associated with manual or paper-based processes and enabling you to make faster and more informed decisions. By automating your lab with a LIMS, your scientists can focus on science – and not data management. With LIMS-on-Demand, you get all the reliability and security benefits of a world-class LIMS – over the internet.

LIMS-on-Demand enables your organization to improve your operational agility, collaborate more effectively with project teams and partners, and to realize the benefits of full scale LIMS without the investment or time necessary for a local LIMS installation.

Thermo Scientific LIMS-on-Demand reduces the capital expenditures associated with hardware, implementation and validation of traditional LIMS, and is ideally suited for environments that require an automated data management solution that eliminates manual, inefficient, error-prone processes. LIMS-on-Demand also provides decision makers the ability to maintain a flexible approach to technology investments so they can meet the changing needs of their organizations.

You Control your Data, your Time and your Budget

For organizations with limited IT resources and a laboratory infrastructure that needs to benefit from the capabilities of an enterprise level LIMS, Thermo Scientific LIMS-on-Demand is a turnkey solution offered at a fixed fee per user. IT personnel and software costs are controlled, giving small to medium-sized laboratories all the benefits of a fully installed LIMS, with none of the hassles of installation, extended time frames, excessive reliance on IT personnel or capital expenditures.

Get the Reliability and Security Benefits of a World Class LIMS – over the Internet

Scientists needing the use of the LIMS simply connect to LIMS-on-Demand over the internet — from anywhere and from any web browser - when they want and for as long as they want. All installation, software configuration, management and maintenance are supported by Thermo Fisher Scientific. No additional hardware, databases, operating system licenses or IT staff are needed. LIMS-on-Demand is managed through a top-tier hosting provider, relieving your lab managers and IT staff of software maintenance and configuration. An annual subscription fee covers hardware, licenses, support, data backup and maintenance. And for those companies that have geographically diverse project teams or rely on the services of external organizations,

LIMS-on-Demand enables project teams to share data and workflows, enhancing productivity and increasing opportunities for collaboration. When project teams expand, new members have immediate access to shared software and database content.

Since LIMS-on-Demand is accessed via the internet, there is no extended deployment or installation time. Once the initial installation is complete future upgrades are applied automatically. LIMS-on-Demand delivers all the benefits of a fully installed enterprise-level LIMS without the time or cost involved in owning the process. And optimized workflow templates, rapid roll-out, and self-service eLearning allow laboratory personnel to become proficient with LIMS-on-Demand as quickly as possible. The result is that you are able to instantly log onto your LIMS and realize the value faster.

Data Integrity, System Availability and Performance

Thermo Fisher Scientific has partnered with top-tier hosting provider OpSource (www.opsources.net) to bring you LIMS-On-Demand as seamlessly and securely as possible. Multiple security methods, including biometrics, are used to control who has physical access to your servers. Your data is securely stored using redundant hardware, power and cooling, so that a local hardware failure will cause you neither downtime nor data loss. Your data is also securely mirrored to a second geographically separate location so that even in the event of a major catastrophe such as the entire destruction of a data center, you not only will have your data but we will restore your environment in our secondary cloud. We and our SAS 70-certified hosting partners have 24x7 expert database and application support staff to handle database tuning, application maintenance and secure backups, ensuring that you can complete your work with minimal disruption. And all transmissions between your client browsers and the hosted LIMS are securely encrypted. Our application server technology provides complete scalability and load balancing, allowing us to scale your service to whatever levels you need.

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Managing a laboratory efficiently and effectively requires that you can access your data as quickly as possible and turn that data into real information that can be used for decision making at your company. When you automate your workflow and data management with a LIMS, you gain lab efficiencies, reduce errors, and enable your scientists to spend more time in the productive pursuit of science. With LIMS-on-Demand, you have the ability to access your lab and your lab data from anywhere at any time, from any web browser. With LIMS-on-Demand, you get all the reliability and security benefits of a world class LIMS. With LIMS-on-Demand, you control your data, your time and your budget.

For More Information

Visit us on the web at www.limsondemand.com or call +1 866 463 6522 (US) or +44 161 942 3000 (Intl). or email us at marketing.informatics@thermofisher.com

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