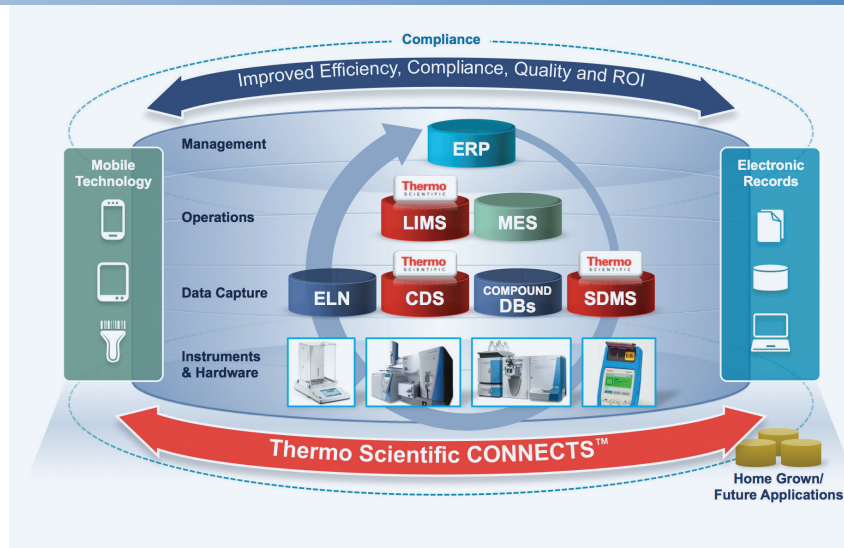


Thermo Scientific CONNECTS for the Paperless Lab

Thermo Scientific™ CONNECTS™ for the Paperless Lab is a combined *methodology*, *technology* and *services* offering that transforms laboratories into tightly integrated paperless environments.

- Get real-time access to information
- Improve regulatory compliance and data integrity
- Automate processes and reduce manual data handling



Delivering the Paperless Lab Environment

CONNECTS
for the
Paperless Lab

Did you know?

By automating the laboratory, companies save a tremendous amount of time and resources on manual activities in the lab. By automating the lab, CONNECTS for the Paperless Lab delivers improved efficiency, productivity, consistency, quality and reduced costs typically by over 20%.

CONNECTS for the Paperless Lab delivers the *methodology*, *technology* and *services* necessary to transform today's laboratories into tightly integrated paperless environments, while leveraging existing investments in software systems, databases and laboratory instrumentation from a wide variety of commercial vendors.

By bridging the islands of data generated in the lab and transforming that data into information that can be used across the enterprise, organizations will reap the benefits of improved access to real-time information, regulatory compliance, data integrity, as well as time and cost savings by automating processes and reducing manual data handling.

CONNECTS for the Paperless Lab is comprised of three unique components — *methodology*, *technology* and *services* — that combined deliver seamless and continuous

data flows from the lab into the enterprise, improving results analysis, enabling faster decision making and improving productivity.

Building on a history of informatics innovations, CONNECTS provides access to all instrument data via a single interface and allows real-time analysis and investigation of results. The technology converts raw data to a vendor independent XML storage format to ensure future proof data archiving and facilitate data and information sharing across the organization, without having to rely on access to the original application. CONNECTS technology acts as a 'translator' of all the individual languages of the lab's disparate instruments and is able to deliver and accept data in the format appropriate for each instrument.

Thermo
SCIENTIFIC

CONNECTS for the Paperless Lab

Did you know?

Organizations have made significant investments in enterprise tools and technologies to help improve their data flow, information sharing and optimize their business processes, but research indicates that only 15% of labs have automated their environments. To realize the full value of these investments, a seamless and fully integrated operation that extends to other laboratories, R&D, the manufacturing floor, as well as external partners, collaborators and contract laboratories must be attained. Thermo Scientific CONNECTS ensures that companies have a holistic view of their business for faster, more informed decisions.

Did you know?

ERP systems hold critical manufacturing and financial data, compound databases hold R&D data, LIMS manage quality data and results, while ELNs manage experiments and CDS contains chromatography data. These systems have become islands of information that are accessed separately, by different users and often times do not communicate with each other. This means there might be multiple versions of the truth that don't necessarily match. Compiling data from more than one of these systems is laborious and often users will resort to spreadsheets to access the data they need. Integrating these disparate systems allows an organization to maximize its investment and reduce or eliminate inefficiencies or error-prone processes. By keeping these systems separate, unnecessary steps and potential errors are introduced, and an organization is unable to maximize its investments.

Thermo Scientific CONNECTS for the Paperless Lab

Methodology: a comprehensive solutions-oriented consultation delivers an assessment of an organization's current level of laboratory automation, instrument integration and workflow. The assessment highlights potential ROI, operational gains and a plan for implementing solutions that address instances where current workflow relies on human intervention, which can be the cause of bottlenecks or introduce errors.

Benefit: *Business process optimization – identify and quantify workflow inefficiencies, bottlenecks and areas of improvement.*

Technology: the vendor neutral suite of data integration, visualization and management technologies delivers comprehensive laboratory workflow automation, integrating instruments and equipment and connecting data sources with data destinations. The technology enables consolidation of analytical results, including access to raw data and instruments from web browsers and mobile devices.

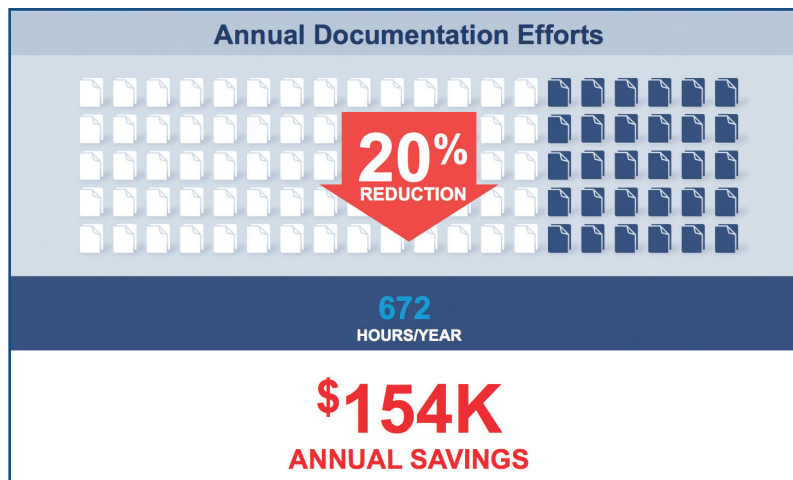
Benefit: *Automation and complete integration of the lab with the enterprise – Providing immediate access in a centralized view of all raw, intermediate and final data.*

Services: pre- and post-implementation consulting services are optimized to deliver current and future paperless environments, enabling real-time decision making based on access to aggregated information from the entire organization. CONNECTS Services are based on proven methodology for delivering successful projects using industry best practices.

Benefit: *Maximize your Informatics investments – Expert knowledge to help make the right decisions, targeted assistance with deployment, and a clear understanding of the software and how it integrates in your application, all combine to help yield the long term benefits you look for when buying software. Superior professional services will ensure that you meet your objectives and get exactly what you set out to achieve.*

JUST HOW COSTLY ARE YOUR CURRENT OPERATIONS?

Here's an example of how a company could reap the benefits of reducing time spent on manual documentation efforts.



For more information about CONNECTS for the Paperless Lab, call us at the number closest to you, email us at marketing.informatics@thermofisher.com, or visit www.thermoscientific.com/paperlesslab.

© 2012 Thermo Fisher Scientific Inc. All rights reserved. All trademarks are the property of Thermo Fisher Scientific Inc. and its subsidiaries. Specifications, terms and pricing are subject to change. Not all products are available in all countries. Please consult your local sales representative for details.

Australia/Asia Pacific +61 8 8208 8200
China +86 800 810 5118
France +33 160924800
Germany/Eastern Europe +49 6103 408 1110
India +91 22 6742 94 94

Latin America and the Caribbean +1 781 933 4689
Netherlands/Benelux +31 76 579 5555
Spain/Portugal +34 914 845 965
United Kingdom +44 1619423000
USA/North America +1 800 395 5467

Thermo
 SCIENTIFIC
 Part of Thermo Fisher Scientific