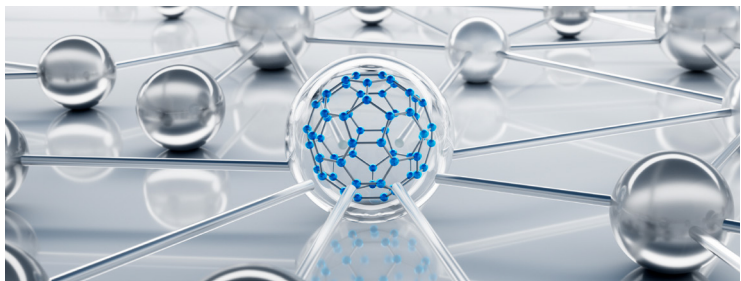


Adopting Enabling Informatics Technologies to Drive Digital Transformation and Data Integrity

A Contract Organization's Way Forward to a Completely Paperless, Connected Lab



An innovative contract organization's Digital Transformation (DX) involves securely connecting laboratory processes, systems, and people in a comprehensive digital ecosystem that enables automated end-to-end workflows to accelerate productivity and time-to-market.

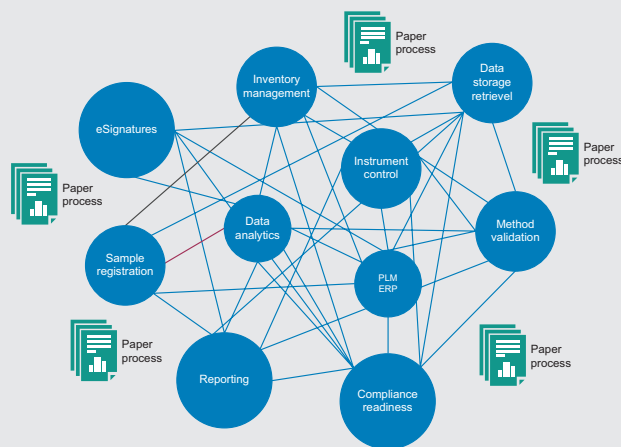
Implementing DX in the lab requires connected, enabling technologies to manage data integrity (the accuracy, completeness, consistency, and availability of data) and to increase confidence in results to make better business decisions. The adoption of a data management architecture to enable laboratories to work more efficiently and with greater transparency goes beyond simply shifting toward a paperless lab. Digital transformation gives companies the ability to derive more intelligence from their data, repurpose their data; as well as protect their data integrity and security.

THE IMPACT OF DX IN THE LAB

- Improved operational efficiencies and process optimization
- Reduced costs; increased ROI
- Automated end-to-end workflows
- True data-driven decisions: data sharing; enterprise connectivity
- Data integrity and security — the accuracy, completeness, consistency, and compliance-readiness of data
- Decreased compliance risk due to less human intervention in the flow of your data
- Facilitated continual improvement and knowledge management

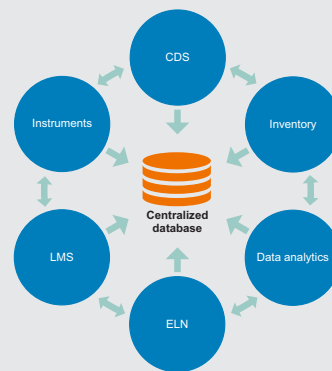
▶▶ Learn more at waters.com/informatics

Unconnected Laboratory Data Flow Diagram



In order for laboratories to protect their investment and derive maximum insight from data, they must be able to streamline the rapidly evolving technological and digital landscape seamlessly. An unconnected lab — especially with interlaced paper processes — risks data integrity and compliance-readiness.

Digitally Transformed Laboratory Data Flow Diagram



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What Are You Risking with Lack of DX and Automation in Your Lab?

In mostly paper-based labs, there is the risk of generating unnecessary data integrity risk & inefficiencies. For pharma and biopharma contract organizations, one challenge is the need to digitize and make available legacy data for drug development workflows. At the same time, they must also incorporate the latest technologies into drug development and testing processes, such as next-generation sequencing or other high-content workflows. Digitizing the lab is challenging, but an important place to start the DX process is to adopt an informatics solution to connect your systems, processes, and FTEs.

Waters Informatics Solutions: Deliver Robust, Proven Results and Reduce Regulatory Risk

The lab of the future is moving towards more fully integrated solutions where the systems, clients, and enterprise are more tightly integrated, with the end goal of entering data once and enabling it to flow through all business processes.

- **Waters Empower™ LMS** automates laboratory workflow from initial sample creation to final archival to achieve data integrity and support day-to-day laboratory productivity
- **NuGenesis™ LMS** streamlines lab workflows by automatically scheduling the project archive process based on predefined rules, sample registration
- **Empower Method Validation Manager (MVM)** manages method validation workflows in one comprehensive, automated time-saving application
- **waters_connect™** is an innovative enterprise platform for LC and LC-MS applications to streamline workflows, improve usability and compliance, and accelerate business outcomes
- **Waters Professional Services:** Provides customized support for continuous uptime
- **Waters Educational Services:** Establishes a strong foundation of knowledge to maximize your success

SUMMARY

Flexible lab informatics solutions can become the cornerstone of your lab's digital transformation and help you to create the lab of the future. Such solutions improve your data integrity management, support your compliance with global regulatory requirements and industry standards and provide comprehensive reporting, monitoring, and analysis capabilities – all while increasing efficiency and productivity.

For more information on Waters Informatics Solutions
for Contract Organizations, please contact
AmericasContractPharma@waters.com

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