



Case study

Lab Operations Standardization, Optimization & Automation for Leading Pharmaceutical Company



Client

The client is an innovative, global healthcare leader focusing on product categories including diabetes, cancer, vaccines and hospital acute care.



Challenges

- Lack of standardized lab processes adhering to common set of lab operating principles.
- Lack of integration of business applications with lab information management system for logging product details with sample plan types and containers used.
- Manual entry steps leading to productivity loss and prone to errors.





LTIMindtree Solution


- Consolidated lab operations data into single, homogenous Labware LIMS Platform.
- Automated lab testing process leading to paperless lab by creating WIP queries, distribution lists, worksheets & labels once samples are logged into the system.
- Eliminated manual error and manual entry by automating sample transfer process between multiple test locations, enabling complete synergy for sample movement.
- Provided hands-on training and supported lab personnel to address any changes to the required site protocols.
- Enabled seamless integration of lab operations data with lab analytics across the global network.
- Real-time information dashboard to provide the physical inventory across the labs.

Facets of Labware LIMS solution Implemented






Business Benefits



**Improved COC
(Certificate of Compliance)
with real-time electronic
records to track sample
movements.**



**Enhanced decision making
with access to reliable data.**



**Improved the overall
efficiency and effectiveness
of lab operations by 12%.**



**Improved data integrity
with right first-time
(FTR) metrics.**

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