

LIMS Implementation Reduces Testing Cycle Times and Dramatically Cuts Costs

After years of paper-based laboratory testing processes, our pharmaceutical client was looking to make strides in a competitive industry by implementing a Laboratory Information Management System. Brevitas played a key role in driving this innovative project to success.

AT A GLANCE**INDUSTRY**

Pharmaceuticals

AREA OF EXPERTISE

Information Solutions

SERVICES PROVIDED

- Program/Project Management
- Software Quality Assurance
- Technical Documentation
- Organizational Change Management

BUDGET

\$5 Million (CAD)

DURATION

2.5 years

IMPACT

Rollout of the LIMS reduced testing cycle times, operating cost and streamlined data reporting.

Business Challenge

As a world renowned pharmaceutical company, our client's goal was to modernize the day-to-day laboratory operations through the use of a Laboratory Information Management System (LIMS). LIMS implementations were challenging, because of the need to keep the system flexible to accommodate the constant changes in data collection and scientific methodology. The LIMS also needed to be extensible and expandable both in functionality and data storage.

Our Scope

Brevitas played an important role in the site-wide implementation of the LabWare LIMS across the quality control laboratories at our client's Canadian facility. The broad project scope covered sample management, lab workflows, stability, instrument integration, release of products and integration with an existing ERP application.

Value Added

The implementation of LIMS has saved the client an extensive amount of time and money. Some of the key benefits that Brevitas worked to realize for this project include:

- Integrated a new business process across manufacturing, quality control and quality assurance
- Improved quality control laboratory workflows
- Improved sample and test management, traceability and ease of correlating information
- Harmonized processes and facilitated archival and retrieval of data
- Lower costs and reduction in manual operations of writing data and producing reports
- Significant reduction in cycle times in quality control testing

Results Achieved

As one of Brevitas' most significant client engagements to date, the LIMS implementation has made positive impacts for our client:

- Transformed the lab operations from cumbersome manual, paper based operations to a computer based, paperless environment, dramatically reducing errors and leading to improved compliance status
- Allowed the users the ability to link supporting data to batches. Seamless report generation has also enabled prioritization of critical testing activities that led to improved product testing cycle times.

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