

Developing a Global LIMS Roadmap Strategy for a Biopharmaceutical Company

The client is a global specialty biopharmaceutical company that develops and manufactures vaccines and antibody therapeutics for infectious diseases. The client was in the process of deploying a LabVantage (LV) LIMS platform into their global laboratories, with the project team implementing the Environmental Monitoring modules across seven manufacturing sites.

The client engaged Clarkston to provide a strategy to deploy the remaining LV functionality and a holistic roadmap with a detailed project plan to deploy across their R&D, Clinical, and Quality laboratories. The new roadmap required replanning the entire project, with the build out and deployment of a global integrated end-to-end laboratory system for 10 global sites. The planning phase included conducting site surveys to evaluate lab capabilities and harmonize end-to-end processes, the data migration strategy, and phasing of functionality. The deployment roadmap comprised a multi-phase/year project timeline with an estimated budget by phase and proposed project team organizational chart.

To prepare for deployment execution, a detailed project plan was created to show deliverables and milestones, resource allocations, and budgeting. Clarkston then transitioned into the Project Management Organization role to lead the execution of the plan.

Life Sciences Case Study

PROJECT OVERVIEW

INDUSTRY:



Life Sciences

PRODUCTS AND SERVICES:



Develop and manufacture vaccines and antibody therapeutics for infectious diseases

PRIMARY OBJECTIVES:

- Develop a holistic strategy for the deployment of the LV platform solution across R&D, Clinical, and Quality laboratories for 10 global sites
- Conduct site surveys to evaluate lab capabilities and identify processes to harmonize and optimize for efficiencies
- Assess the master data and determine resource effort to construct and build master data to support LV functionality
- Create a supporting project timeline, estimated budget by phase, and project organizational chart
- Build a detailed project plan with resource allocations and dependencies for scope and budgeting

RESOLUTION:

- Recommended a holistic LIMS deployment strategy for multi-phase implementation across 10 sites
- Evaluated the master data, including the volume of data required for conversion, the complexity of the data to convert, and the effort to build the master data
- Recommended laboratory instrumentation interfaces with LIMS that would provide efficiencies for their operation

KEY BENEFITS:

- Global roadmap strategy for deployment of LabVantage LIMS for their R&D, Clinical and Quality laboratories
- Proposed project rollout timelines with an estimated budget by functionality, phase, and site
- Detailed project plan for the deployment of the roadmap with a proposed project team organization structure for client and Clarkston resources



KPIs

- Rollout strategy of functionality by phase and site for 10 global sites
- Quantification of the data migration effort

[CONTACT US](#)

