

OPERATE WITH GREATER AGILITY

Accenture Scientific Informatics Services

BUSINESS CHALLENGE

The client, a global biopharmaceutical company, needed to **accelerate product and process development**, as well as **improve tech transfer to manufacturing**.

PROJECT APPROACH

The Accenture Scientific Informatics Services team performed strategic consulting services to determine the project's direction, including:



A market and vendor analysis for Research electronic laboratory notebook (ELN), laboratory execution, chromatography data and laboratory information management systems (LIMS)



Application architecture consulting to streamline systems



The development of a holistic approach to harmonize processes and data taxonomies across product and process development, clinical supply, and global manufacturing

System and process changes were identified, prioritized and implemented within the client's product/process development and clinical supply functions, with future plans to include adaptation and deployment into global manufacturing sites. The current implementation phase includes **harmonizing business processes and data taxonomies for ELN and LIMS functionality, sample and test management, instrument integration, and laboratory resource scheduling**. The Accenture team has also provided a variety of project and technical workstream management functions, including issue and risk mitigation, deployment quality metrics tracking, end user training, and end user support.

RESULTS

The Accenture team is on track to deliver a **fully integrated scientific data environment**, including common taxonomy and harmonized workflows, that increases the productivity of scientists. The environment will accelerate scientific insights through the consolidation of product and process development knowledge into experiment design, as well as simplify experiment execution by reducing systems and the amount of manual input required.