

Empower Chromatography
Data System(CDS) and
LIMS Integration

THE CHALLENGE

- A global Biotech customer had multiple existing Chromatography Data System(s) in all commercial product laboratories on a global basis.
- The objective was to develop a solution that would:
 - Gain operational effectiveness by eliminating paper in the lab and result review processes
 - Streamline operational processes on a global and multi-lab discipline perspective
- The project was a global , multi-site enterprise implementation of CDS
- All QC testing groups: Raw Materials, Media Prep, Product Testing, Environmental Testing, and Methods Development lab areas
- 250+ instruments and 300+ end-users

APPROACH

- Program/project management,
- Developed business process design and technical design for multi-lab testing processes and chromatography testing processes for product, reference, and suitability samples
- Defined data standards and reporting standards for global implementation
- Performed software vendor management for installations and customizations
- Performed data setup and data conversion from existing technologies to a single CDS system
- Defined data review and approval processes for lot release and sample approval

RESULTS

- Electronic integration of test result to LIMS from CDS
- Achieved single lab analyst interface and analysis tool for chromatography for multiple vendor instruments
- Increased data and testing efficiencies through common practices
- Increased data security and decreased data management risks by having a common and global technology architecture implementation
- Achieved 70 % paper reduction of paper assay packets to support Quality testing

SUCCESS
STORY

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Chromatography
Data Integration
70% Paperless
Success