



Tech Mahindra Collaborates with a Large Vaccines Manufacturer in their QC Paperless Program

The client is one of the world's largest vaccines manufacturer, delivering vaccines for diseases like pneumococcal disease, meningitis, hepatitis, rotavirus, whooping cough and influenza, to name a few.

The greatest challenge in front of the client is to produce quality vaccines faster, quicker, and cheaper. Tech Mahindra worked on a solution with the client and delivered automation and quality control at various stages of development.

Features

- Full electronic custody of lab data and data life cycle
- LES system interfaced with SAP and instruments
- Integrated SDMS takes care of the raw data compliance
- A sample tracking system from generation to batch release

Opportunities

- Approximately, 2000 test methods had to be configured in a period of 2 years
- Different business processes at different sites makes the harmonization difficult
- Manual entry leading to data integrity issues
- High cycle time in testing vaccine samples resulting in launch delay

Benefits

- Improved velocity in testing
- Lab digitalization reduces the manual and excel based data transactions and paperwork

Highlights

- Improvement on the end user experience and trust on the system
- Automation and integration reduces the data integrity issues

Our Solution

- Digital data collection tool used with automated data check reduced the error in configuration
- JIRA and SharePoint used to ensure easy and transparent communication
- Site based delivery teams catered to the requirements of the site as well as the overall program goals
- Agile approach with KANBAN dashboard used to reduce the lead time
- Family based analytical method configurations used to accelerate the method delivery