



Let's Solve

Case Study

Implementation and Production Support through an Enterprise Data and Information Platform, for US-based Medical Devices, Pharma & CPG Manufacturer

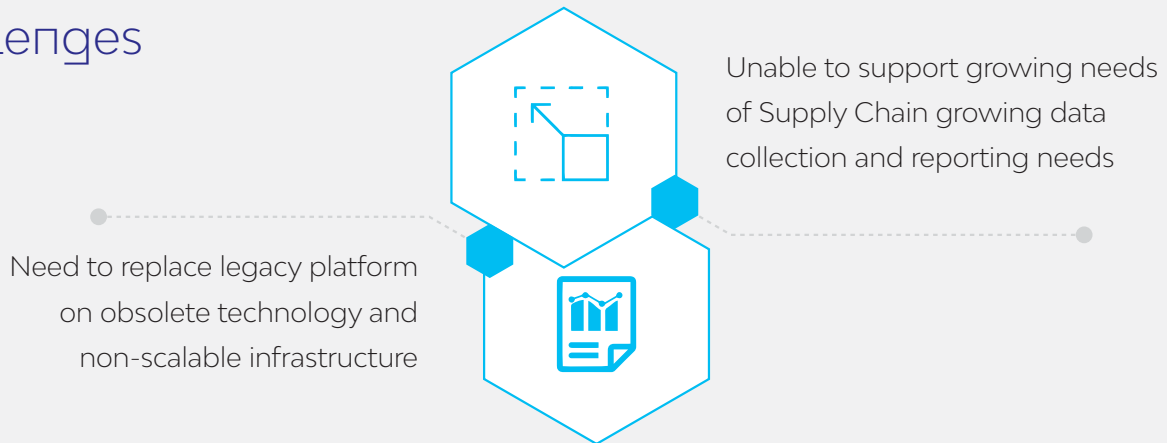


A Larsen & Toubro
Group Company

Client

The client is a US-based Multinational Medical Devices, Pharmaceutical and Consumer Packaged Goods Manufacturer.

Challenges



LTI Solution

- **Improve ease, efficiency and accuracy of data collection & reporting:** PaaS-based data collection tool to provide an easy-to-use customizable platform to create forms for data collection. Components like workflow, management, action triggers, business/validation rules, SSO, etc. would ensure data accuracy.
- **Reduce time and cost for data collection, dashboard reporting & advanced analytics:** Implemented solution to allow creation of custom form templates and user interface through simple clicks and drag activities. It also offers capability of providing reports and dashboard, through which monitoring can be achieved with ease.
- **Scalable infrastructure:** environment, application, data - The wrapper application to ensure all products are integrated together and seamless access to multiple applications, is achieved. Multiple forms for data collection can be created and all data can be stored in a repository for reporting. As the platform was designed on AWS, it would be easy to scale up with additional business process and that would be performance-oriented. Also used Hierarchy DB, with multiple hierarchy views to standardized and dynamic hierarchy, made an easy addition to the hierarchy.
- **Consolidate data source for reporting and integration with Enterprise Data Warehouses:** Data from multiple forms was integrated and made available for reporting. Important metadata information from all products was collated, and audit reports was made available together with Supplier and other key Supply Chain Master Data.
- **Enable advanced analytics including predictive analysis:** Advance Analytics & Visualization was provided through the BI layer consisting of Qlik, Tableau, Spotfire and Cognos. Spotfire visualization provided custom reports for analysis, and also a platform for users to create their own data discovery reports.
- **Encryption:** Provided encryption and security for business-critical finance information through Database encryption.

Value Adds

Business



Senior Management Dashboard

- CEO's office and Board of Directors - use this platform for forecasting and Reporting
- Product Health monitoring - captures any actions or alerts required for a product already in the market identified of any adversities. The platform triggers real time notifications to leadership and concerned department to take necessary actions.



Onboarding New applications Groups

- New applications onboarding reduced from '4 to 5' months to '4 to 6' weeks
- Service Catalogue for Business Users



Global Regulatory Compliance

- Real-time - 2 weeks' data latency reduced to ZERO
- Adverse Events monitoring - Helps to notify EHS&S within an hour of a sites knowledge of an incident

Technical



Form Design & Management - Form & application development by experienced vendors or self-service | Ease of use / less support (cost saving) | Form customization reduced | Enhanced workflow and audit capabilities



Mobility - Enter / view data using mobile devices | Customized alerts / workflow approvals | Offline / disconnected data collection and synchronization (future capability)



User Experience - Highly available and scalable - simplified administration | Improved performance | Simplified feed distribution | Single sign on



Advanced Analytics - Integrate with SC Enterprise Data Warehouse | Use of multiple standard tools to support Advanced Analytics & Reporting

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