



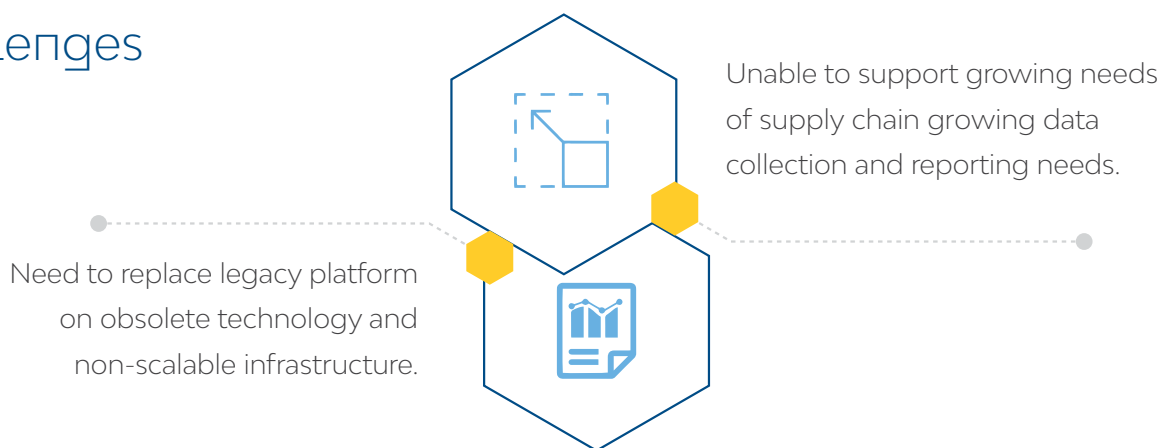
Case Study

Implementation and Production Support Through an Enterprise Data and Information Platform, for US-Based Medical Devices, Pharma and CPG Manufacturer

Client

The client is a US-based multinational medical devices, pharmaceutical, and consumer packaged goods manufacturer.

Challenges



LTIMindtree Solution

- **Improve ease, efficiency, and accuracy of data collection and 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, and 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 were made available together with supplier and other key supply chain master data.
- **Enable advanced analytics including predictive analysis:** Advance analytics and 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 'four to five' months to 'four to six' weeks.
- Service catalogue for business users.



Global Regulatory Compliance

- Real-time - two weeks' data latency reduced to ZERO.
- Adverse events monitoring - Helps to notify EHS&S within an hour of a site's knowledge of an incident.

Technical



Form Design and Management - Form and 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 and Reporting.

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