



Let's Solve

Case Study

Comprehensive Insights Result in
Enhanced Drug Quality for Leading
Pharma Company



A Larsen & Toubro
Group Company

Client

A global generic and specialty pharmaceutical company, committed to setting new standards in health-care and high quality medicine.

Challenges

- The R&D and quality control teams were tasked with examining data at every stage of the manufacturing process, from the time raw materials arrive to the time the product is packaged and sent to distribution.
- Monitoring data of massive volume from 80+ sites, in siloed manner and through Excel templates is a cumbersome activity and doesn't give one view of the drug production quality.

LTI Solution

- Developed near Real-time Analytics Platform which captures and consolidates data from all sites.
- Built a Centralized Dashboard & Reporting system with highly automated data acquisition capabilities to collect critical Quality and Operational parameters from different Systems located globally.
- Tracking of 20+ KPIs mapped across production batches, Health agency inspection metrics, Complaints, Quality Management System Metrics, Investigations and Injectables.
- Analytics platform enabled end-to-end process controls helping the client in higher-quality products, more predictability, more efficient manufacturing, and faster time-to-market.

Business Benefits Delivered

- Automated alerts to Global Quality group whenever quality thresholds are breached
- Enhanced Drug Quality with fewer rejections

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