



Let's Solve

**Improved Operational Visibility and Decision-Making using Enterprise Performance Dashboards for a US-based Downstream Major**



A Larsen & Toubro  
Group Company

## Client

The client is a leading US-based oil & gas downstream company, with operations spread across 12+ refineries and 18,000+ miles of crude & product pipelines.

## Business Challenges

- ✓ Lack of visibility into real-time operational parameters for quick and smart decision making
- ✓ Inconsistent manual-intensive approaches for performance data collection across refineries
- ✓ Inaccurate & error-prone data collection from different systems / sources and manual reporting process causing penalties at multiple sites
- ✓ Overhead of storing and maintaining tons of paper documentation, without the ability to leverage the information

## Solution Highlights

- ✓ Getting real-time quality data from different systems (OT, ERP, EAM, LIMS, DMS, HSE) into a centralized repository based on Canonical Asset Data Model
- ✓ Establishment of central role-based KPIs & Dashboards for each of the sites. Additional customized dashboards for specific site needs
- ✓ Functionalities covered HSE, operations (plan, actuals, yields, qualities, shift log), reliability (equipment availability, uptime, utilization, OEE) & financials (margins, contracts fulfillment)
- ✓ Real-time monitoring, self-service analytics (timeseries, diagnostic, & simulation based) & reporting
- ✓ Graphical view for all equipment, with 24\*7 information availability
- ✓ Access to enterprise performance management dashboard from any device (Laptops, iPads, Mobiles) and from anywhere (centralized control room, home, other sites)

## Business Benefits

**10%**

improvement in plant performance in terms of productivity and margins

**70%**

reduction in manual efforts needed for performance monitoring and reporting

**90%**

improvement in customer satisfaction due near real-time one view of all performance parameters and benchmarking data across sites

LTI (NSE: LTI) is a global technology consulting and digital solutions Company helping more than 400 clients succeed in a converging world. With operations in 31 countries, we go the extra mile for our clients and accelerate their digital transformation with LTI's Mosaic platform enabling their mobile, social, analytics, IoT and cloud journeys. Founded in 1997 as a subsidiary of Larsen & Toubro Limited, our unique heritage gives us unrivalled real-world expertise to solve the most complex challenges of enterprises across all industries. Each day, our team of more than 30,000 LTItes enable our clients to improve the effectiveness of their business and technology operations and deliver value to their customers, employees and shareholders. Find more at <http://www.Ltinfotech.com> or follow us at @LTI\_Global.