



Let's Solve



A Larsen & Toubro
Group Company



Case Study

Maximo Support for Leading Indian Thermal Power Provider

Client

The client is one of India's leading thermal power provider companies. The company is developing, investing, operating and maintaining grid-linked Independent Power Plants, Cogeneration and Captive Power Plants on Build-Own-Operate (BOO), Build-Own-Operate-Maintain (BOOM) and Build-Lease-Operate (BLO) basis.

Challenges

Asset data is crucial in the power generation industry. The key is to drive down the operational and maintenance costs while ensuring highly reliable power delivery. In the absence of data, it is extremely difficult to speculate: for how long the assets will last, when they will need maintenance & repair, and which strategies will maximize the plant efficiency.

Key challenges were:

- Design and deployment of 'Maintenance Module' to cover maintenance and repair operations for the client's capital assets such as equipment and facilities.
 - Process integration with Finance & Controlling, Procurement, Production and QA.
 - Enhancements to be executed in Health & Safety Environment modules.
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LTI Solution

LTI provided the following value-added offerings of Maximo to solve the challenges:

- Implementing best practices in the industry to optimize entire processes
- Generating periodic reports based on data in SAP & DCS system
- Integrating Asset Management System with Asset Performance Management
- Streamlining integration with fixed asset accounting, mobile workforce management and design tool

- Consolidating multiple work and asset management solutions across business units, including transmission, distribution and power generation
- Providing multi-level support under defined SLA
- Tackling significant change management issues while transitioning from manual processes and document-based systems
- Executing enhancements in Health & Safety Environment modules
- Upgrading to latest available version of Maximo

Business Benefits Delivered

LTI, from its industry experience, instigated O2T approach to deliver following business outcomes:



Extended capital asset life by 10-13% by implementing appropriate preventive and predictive maintenance activities.



Integrated Maximo & SAP system for procurement process, which led to optimized asset efficiency and inventory levels.



Automated preventive maintenance and calibration planning resulting into reduced turnaround in defect tracking & performance reporting

LTI (NSE: LTI, BSE: 540005) is a global technology consulting and digital solutions company helping more than 420 clients succeed in a converging world. With operations in 32 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 unrivaled real-world expertise to solve the most complex challenges of enterprises across all industries. Each day, our team of more than 30,000 LTIites 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 www.Lntinfotech.com or follow us at [@LTI_Global](https://twitter.com/LTI_Global)