



Let's Solve

Case Study

Multinational Engineering Conglomerate
drives Industrial Efficiencies using
Digital Technologies



A Larsen & Toubro
Group Company

Client

The client is one of the world's leading engineering & construction organizations.

Challenges

The client was looking to adopt digitalization to address challenges inherent in the construction industry – stagnant labor productivity, cost and time overruns and low equipment utilization. It wanted to collaborate with a digital consulting partner to help achieve operating cost reduction and superior operational efficiency.

LTI Solution

- As a partner and advisor on the client's digitalization journey, LTI worked with business stakeholders from different business units to identify critical pain points and explore opportunities for digitalization and automation.
- With our Design Thinking approach, coupled with domain experience, we developed three key strategic themes under which the solutions were built: Connected Machines, Connected Workers and Connected Material.
- We covered various business functions including planning, tendering, procurement, execution and support, to pinpoint process and technology gaps that required attention.
- We built an IoT-driven solution encompassing workforce management, material tracking and reconciliation, asset performance management, and predictive maintenance.
- Various apps were developed under the overarching themes.
- Our analytics platform Mosaic was leveraged for delivering actionable insights to achieve the goal of driving business transformation using digital.
- The improvements in KPIs resulted in multiple business benefits and significant savings to the organization besides inculcating a digital attitude among all levels of employees and making this is an enabler for attracting young talent.

Business Benefits Delivered

- 10 - 15% improvement in asset productivity and utilization
- 10% improvement in worker productivity
- 5% reduction in cost savings on fuel consumption
- 1% reduction in material losses

LTI (NSE: LTI, BSE: 540005) is a global technology consulting and digital solutions Company helping more than 350 clients succeed in a converging world. With operations in 30 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 28,000 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 www.Lntinfotech.com or follow us at [@LTI_Global](https://twitter.com/LTI_Global)