



Let's Solve

Case Study

Efficient Supply Chain
Through Digital Transformation
for Engineering & Construction
Arm of Multinational
Conglomerate



A Larsen & Toubro
Group Company

Client

India-Based Engineering & Construction Arm of Multinational Conglomerate

Challenges

- The client experienced lack of visibility across the construction supply chain.
- They faced schedule slippage due to manpower & material issues, leading to increased cost of construction, thus resulting in shrinking profits.
- Underutilization of plant and machinery.

LTI Solution

- LTI developed a suite of solutions to address the challenges the client faced in the entire construction supply chain, right from material development in the factory to its receipt on the site.
- It developed mobile interfaces with a role-based view for the site engineer, yard engineer, security personnel, etc.
- The feature encompassed raising of different types of precast requests and approvals, and issuing precast & material consumption updates.
- It enabled workers with wearables and AR technology, providing alerts on entry into hazardous zones, capturing checklist awareness & training videos on safety, etc.

Business Benefits Delivered

- 10% improvement in asset productivity and utilization.
- Real-time inventory updates and stock availability.
- 10% cost saving on fuel consumption.
- 5 -10% inventory cost optimization.

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