



Let's Solve

Case Study

Predictive Technology Improves
Maintenance Service of Leading
Elevator Company



A Larsen & Toubro
Group Company

Client

The client is a market leader in developing, manufacturing and marketing elevators, escalators, moving walkways and related equipment. It is world's largest manufacturer of vertical transportation systems.

Challenges

With the advent of digital technologies, the client planned to re-define the AMC business model to elevate user experience. The objectives of the digital service were:

- Transparent view of service
- Proactive real-time communication
- Predictive insights to reduce shutdowns

LTI Solution

- Developed scalable Condition Based Maintenance Data Pipeline Factory to support 100+ countries' Sensor Data.
- Leveraged Mosaic platform & Cloud to process and analyze sensor data for predictive maintenance.
- Predictive Maintenance for all assets and ML-based Failure Patterns recognition.
- Provided capability to derive meaningful insights based on data collected from sensors, to identify and possibly prevent potential failures, optimize the maintenance roster and enable auto-work orders.

Business Benefits

- Pre-emptive maintenance and upgrades to eliminate unexpected breakdowns
- 42% reduction in overall execution time, improving customer experience and preventing failures
- Data preparation time reduced from weeks to one hour

LTI (NSE: LTI, BSE: 540005) is a global technology consulting and digital solutions Company helping more than 300 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 27,000 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.Ltinfotech.com or follow us at [@LTI_Global](https://twitter.com/LTI_Global)