

Brochure

Asset Foresight

Comprehensive visibility into multi-class assets

LTIMindtree Asset Foresight solution helps address the pain areas of Heavy Equipment Management companies with real-time monitoring of assets at different locations and analysis of numerous equipment health parameters. This helps companies reduce their operational expenses and optimize utilization. Get actionable insights into asset health and performance by monitoring critical KPIs to predict upcoming failures and optimal state of the assets for better performance.

With Asset Foresight Solution, organizations can answer below questions:

HOW?

How to optimize the cost of operations and maintenance?

How to reduce the cost of onboarding a capital asset?

How to increase the operational efficiency of an asset?

How to tackle the problem of sudden breakdown of an asset while minimizing the losses and keep the plant up and running?

How to manage and utilize siloed enterprise data from the asset and systems for better outputs?

Solution

LTIMindtree is offering an on-demand continuous SoD assessment that will help:



LTIMindtree's Asset Foresight Solution offers asset management with virtual commission of asset to virtual de-commissioning.



It is offered in modules which comprise of Condition-based Maintenance, Asset Health Monitor, Reliability-Centric Maintenance (RCM), Reliability-Based Inspection (RBI), Asset Care, Predictive Maintenance & Digital Twin of Asset.



Predictive models are used to estimate remaining useful lifecycle of the assets. With predictive maintenance, the asset health is continuously monitored, and proactive actions are taken to ensure equipment uptime.



In addition to business KPI monitoring, the Asset Foresight Solution also monitors health status of underlying applications, and data integrity and eliminates spurious alarms due to sensor or system malfunctioning.



Three dimensions of Asset Foresight Solution

Connected Assets



Increasing
Asset
Utilisation



Improving
Asset
Productivity



Optimizing
Maintenance
Cost

Connected Workforce



Improving
Worker
Safety



Improving
Worker
Availability



Enhance
Worker
Productivity

Connected Material



Timely
Material
Delivery



Minimizing
Material
Cost



Optimizing
Inventory

Persona Delight

Asset Operator

Real-time monitoring of an asset and risk analysis.

Immediate response to the orders from production team.

Easy escalation of machine failure request and faster resolution.

Maintenance Engineer

Faster way to root-cause analysis due to easy availability of machine data in app/software.

Proactive and predictive maintenance checks help planning taskforce beforehand.

Production Manager

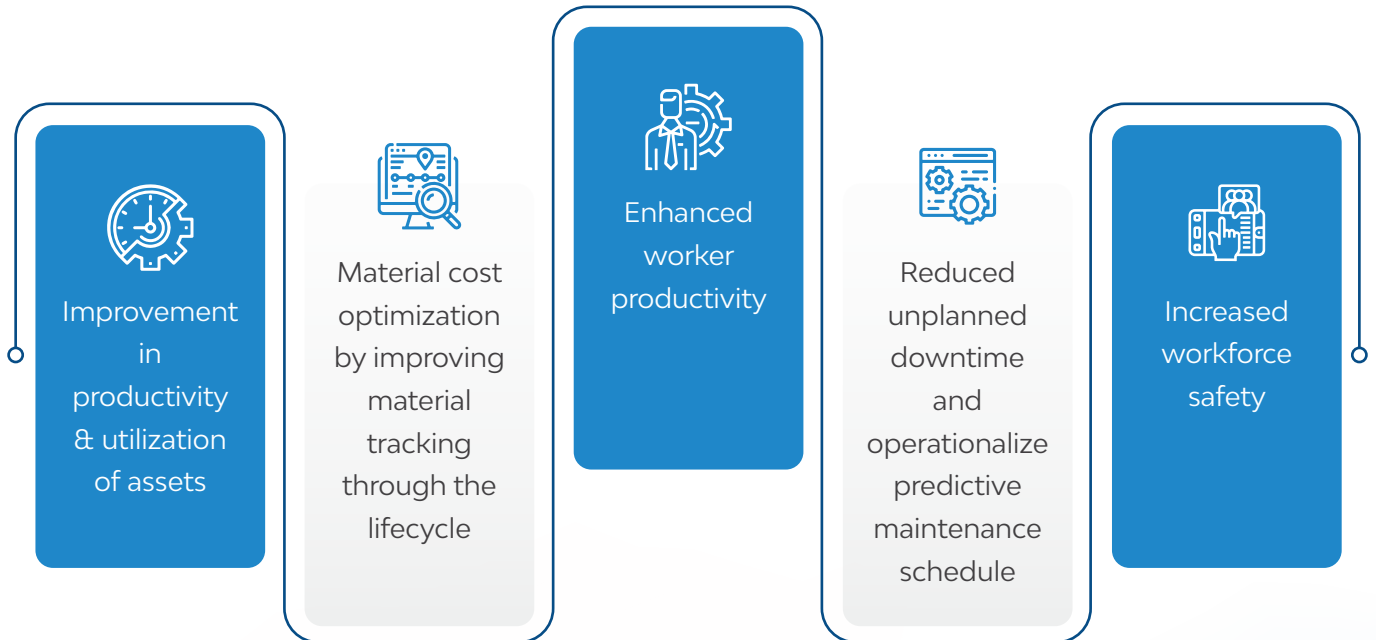
Real-time view of all the assets in factory.

Integration of plant systems and softwares at one place to develop a better outcome strategy.

KPI Impact



Business Benefits



LTIMindtree is a global technology consulting and digital solutions company that enables enterprises across industries to reimagine business models, accelerate innovation, and maximize growth by harnessing digital technologies. As a digital transformation partner to more than 700 clients, LTIMindtree brings extensive domain and technology expertise to help drive superior competitive differentiation, customer experiences, and business outcomes in a converging world. Powered by 81,000+ talented and entrepreneurial professionals across more than 30 countries, LTIMindtree —a Larsen & Toubro Group company — solves the most complex business challenges and delivers transformation at scale. For more information, please visit <https://www.ltimindtree.com/>