

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 assets 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 plan 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, data integrity and eliminate spurious alarms due to sensor or system malfunctioning.

Three dimensions of Asset Foresight solution



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 before hand.

Production Manager

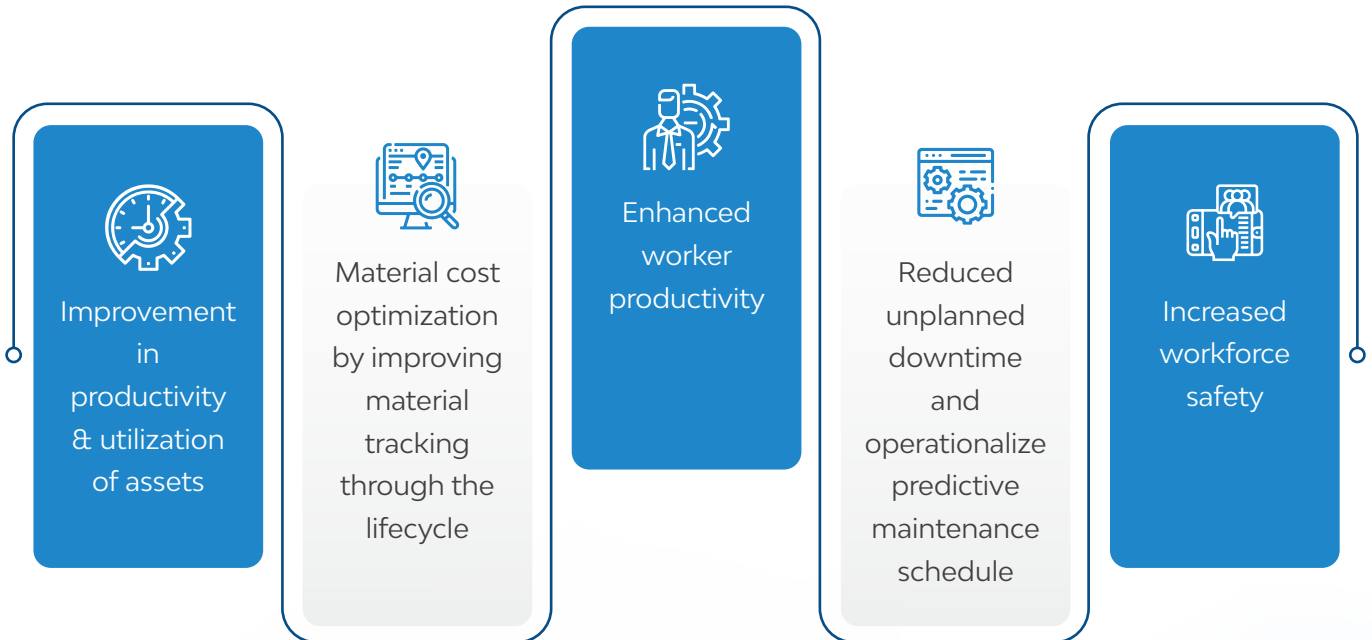
Real-time view of all the assets in factory.

Integration of plant systems and software's at one place to develop 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 nearly 90,000 talented and entrepreneurial professionals across more than 30 countries, LTIMindtree — a Larsen & Toubro Group company — combines the industry-acclaimed strengths of erstwhile Larsen and Toubro Infotech and Mindtree in solving the most complex business challenges and delivering transformation at scale. For more information, please visit www.ltimindtree.com.