



Case Study

Energy Trading & Risk Management System Selection for European Oil Major

Client

The client, an Australia-based multinational mining, metals and petroleum company, operating across a broad range of industrial assets, was facing critical problems in the compression process.

Challenges

Monitor equipment performance



Analyze failure patterns



Arrest the unplanned downtime of the plant/equipment



Boost revenue



LTIMindtree Solution

With help of LTIMindtree, the client developed a predictive maintenance application for the gas compression equipment. This helped avoid unscheduled downtime and the associated lost production and revenue.

In an effort to avoid revenue losses, both LTIMindtree & the client developed a solution using an Industrial Internet of Things (IIoT) approach. This solution improved the uptime for compressors and offshore oil platforms.

Business Benefits Delivered

- IIoT implementation helped in reducing unplanned downtime and cost.
- Sensor data from offshore equipment and platforms.
- Alerts/replacement/repairs leading to efficient predictive maintenance.

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 84,000+ 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 <https://www.ltimindtree.com/>