



## Case Study

---

# Prevention of Costly Unplanned Downtime by Leveraging IIoT for Australia Based Mining 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

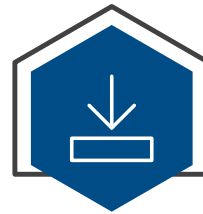
Monitor equipment performance



Analyze failure patterns



Arrest the unplanned downtime of the plant/equipment



Boost revenue



## LTIMindtree Solution

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

In an effort to avoid revenue losses, both LTIMindtree and 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

- IIoT implementation helped reduce 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/>