



Case Study

Customer Data Lake Tool Integration Saved Tool Maintenance Cost for a Global Sustainable Aerospace Major

Client

The client is an industry leader in manufacturing, designing, and delivering aerospace services, products, and solutions to a wide customer base worldwide.

Business Challenges

- Analyse 25-year-old historical and unstructured maintenance and tooling data for trends and improvement recommendations
- Create improvements in the effectiveness and efficiency of the maintenance and calibration of tools across the plant



Solution Highlights

- Implemented a solution to cleanse and analyze the data being uploaded to the client's cloud application.
- Generated an analysis report on the uploaded and analyzed data with the help of the new system to trace the effectiveness and efficiency of the tools across different plants.
- Helped generate clear and objective reports to help make future decisions with multiple scenarios of tool repair, maintenance, availability, and effectiveness.
- Technologies used included the following:
 - SQL Server
 - PostgreSQL
 - Javascript, Cascading Style Sheets (CSS)

Business Benefits



2Million+ rows of data cleansed for Skywise for analysis

About LTIMindtree

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 82,000+ 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/>