Case Study

Logistics Tool Digitizes Ordering Process, Boosts Productivity for Global Aerospace Major

Client

The client is a pioneer and global player in the aerospace domain.

Our Experience

LTIMindtree implemented a logistics solution for manufacturing, by digitizing the ordering process and deploying data-driven improvements for estimating spend based on actual usage.

Challenges

- ✓ Paper-based ordering system for user requirement at the shop floor prone to manual errors.
- ✓ Low productivity as operators leave the workstation for long periods to place part orders manually.
- ✓ High inventory cost and wastage due to inaccurate estimates of consumption.
- ✓ Erroneous estimation of completion time for the final product as it was calculated as per part ordering schedule analysis.

LTIMindtree Solution

- ✓ Implemented a digital order process for user requirements at the shop floor.
- ✓ Provided data insights into part consumption to maintain optimum inventory level and reduce wastage.
- ✓ Enabled trigger of asynchronous notifications for real-time tracking and calculate accurate completion time.

Business Benefits

24%
reduction in average spend per set, post solution implementation.

Reduction of waste by increased responsibility and traceability of each order.

Error reduction in end-of-month spend reporting by using actual usage from the app instead of a rough estimate.