

Lighthouse SCP

PPS Solution for Aircraft Engine Assemblies

Customer Profile



Major aerospace company based in Bengaluru and one of the largest aerospace companies in Asia. The company was established in 1940 and till date has 8 different engines powering a number of fighter aircrafts.

Business Challenges



- The manufactures follows Engineer to Order scenario.*
- The ERP system used was IFS which does not consider constraints. There was no forward visibility available.*
- There was no synchronization in the procurement orders and work orders.*
- There was excessively high lead times due to unavailability of materials.*

The Solution



- Lighthouse SCM solution pulls all the information from the existing IFS ERP system.*
- Lighthouse Production Planning and Scheduling loaded the resources according to the demand generated and the capacity and material constraints.*
- A detailed work order plan, procurement plan and inventory plan was generated by Lighthouse solution.*
- Lighthouse provided future visibility to decide which procurement orders have to be expedited/ de-expedited based on capacity plan.*

Business Benefits



- Integration of existing ERP system IFS with Lighthouse.*
- Suppliers of various raw materials were given more time to process orders due to timely procurement orders.*
- There was a significant reduction in lead times of the various products.*

KPI Improvement



- Reduced lead times.*
- Reduced inventory build-up.*
- Efficient resource utilization.*