

Lighthouse SCP

PPS Solution for Aerospace Industry

Customer Profile

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A leading manufacturer of aircrafts in Asia and is located in Bengaluru, India. The company was established in 1940 and till date has manufactured more than 700 aircrafts and overhauled more than 1300 aircraft.

Business Challenges

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- The manufacturer follows Engineer to Order scenario.*
- The manufacturer produces spare parts for in house use and other external customers.*
- The ERP system used was IFS which does not consider constraints.*
- There was high lead times due to irregular availability of the material.*
- There was high levels of inventory.*
- The critical spare parts were not available at all times.*

The Solution

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Lighthouse SCM solution pulls all the information from the existing IFS ERP system.

Lighthouse Production Planning and Scheduling generated a production plan after considering the material and capacity constraints. Also the demand generated with the required due date is taken as an input.

Lighthouse Production Planning and Scheduling prioritized the critical spare parts to make them available.

Inventory levels were maintained only according to the work order plan and supplier lead times.

Business Benefits

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- Detailed generation of work orders for all the products.*
- Reduced lead times due to timely availability of material.*
- Integration with the existing IFS ERP system.*
- Reduced levels of inventory,*
- Availability of critical spare parts.*

KPI Improvement

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- Integrated Material and Capacity Planning.*
- Customer service level.*
- Lead time and inventory reduction*
- Availability of spare parts.*