

PRODUCTION PLANNING & SCHEDULING WITH LIGHTHOUSE



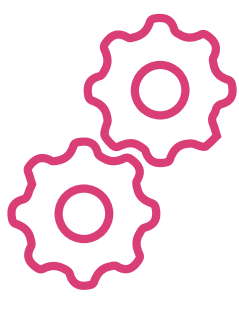
OVERVIEW

Established in 1965 and headquartered in Burnaby, BC, Flora is well known for whole food supplements, botanical extracts, unrefined seed oils, and European health tonics. With headquarters for the US market in Lynden, WA., and distribution in many countries all over the world, Flora is now one of North America's premier nutraceutical manufacturers.

BUSINESS SITUATION

Flora had implemented Ross ERP system to carry out business transactions while most of the planning and scheduling activities were manual and excel based. To automate the process and to overcome various associated challenges, Flora opted Lighthouse APS solution after through analysis. The implementation started in September 2016 and completed by March 2017.

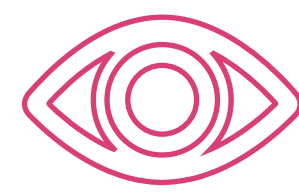
VALUE DELIVERED



8% improvement in capacity utilization through improved Work Order Scheduling



Dashboards and reports to gauge ATP, CTP etc.



Better visibility for S&OP team

SOLUTION IMPROVEMENTS & ADD-ONS

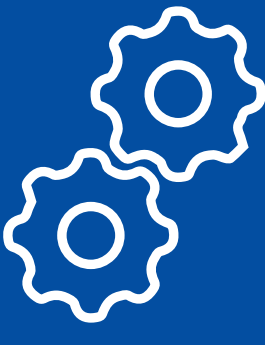


Daily re-planning considering entire material and capacity constraints

Better visibility for S&OP team



Available to promise and capable to promise



Procurement reports for buyers

Automated capacity loading



Work order plan reports for production schedulers

Dashboards for constraints analysis

SOLUTION

Lighthouse APS was integrated with Ross ERP

Purchase orders with delivery date and WIP data was imported from ERP to calculate the completion dates

Purchase quantity was generated considering material expiry, actual demand and lot size constraints

Work orders scheduling was done considering machine break-down time, planned maintenance schedule, holidays and overtime

Just-In-Time scheduling strategy was configured considering product shelf life