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Replenishment & Production Planning With Lighthouse

Overview and business situation

Novolex is North America's leader in packaging choice, focusing on customers within the retail, grocery, convenience store, deli, food service, hospitality, institutional, processor and industrial markets. Novolex™ directly employs nearly 7,300 people at 46 facilities across North America, and one in Europe. Project was conducted at Hilex division manufacturing plastic bags and film products in its 6 facilities.

Data integrity was lacking. Inventory accuracy posed major challenges. Finished goods Inventory had dead stocks, as a result of historically weak planning systems. Purchasing was achieved through a re-order point method whereby customer demand was disconnected. Due to lack of visibility of demand, production was unable to run longer campaigns to minimize set ups and change overs.

Value delivered



15% improvement in Forecast Accuracy



Better visibility for S&OP team



Dashboards and reports to gauge ATP, CTP etc.



12% reduction in Inventory Costs

Solution improvements and add ons



Daily re-planning considering entire material and capacity constraints



Dashboard views for constraint analysis



Better visibility for S&OP team



Improved alignment of Sales, Marketing, Supply Chain and Finance



Identify slow moving and non-moving stocks



Available to promise and capable to promise

Solution

- Lighthouse APS was integrated with BAAN ERP
- Lighthouse replenishment planner was used to come out with the requirement for each manufacturing facility considering forecast and orders generated at various warehouses
- Work orders material consumption report based on accurate master data was exported back to BAAN for costing
- Gantt chart with interactive scheduling features was made available for schedulers to handle special scenarios

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