



Case Study

Demand Supply Planning Solution for a Protein Producer

Client

The client is one of the top five protein manufacturers in the world based out of the US.

Business Challenges

- ❖ Demand forecasting complexity for both frozen and fresh products with lower shelf life making it difficult to balance actual and forecasted inventories throughout the planning period.
- ❖ Reliance on Excel-based workflow for demand planning allowing human errors and faulty planning.
- ❖ There was a need for a tailored migration strategy for each business division rather than the same strategy being followed by all divisions.
- ❖ Statistical forecasting was a standalone process with supply planning system required manual efforts to correlate both.

ITC Infotech Solution

Leveraging our capabilities in Dassault Quintiq Demand Planner solution, we delivered end-to-end integration planning solution that includes collaborative statistical forecasting, supporting more than 300K SKUs, block orders, frozen and fresh products support. The solution consists of,

- ❖ Implementation of integrated business templating for seamless interface between different users and business divisions.
- ❖ Application of statistical forecasting techniques and pre-processing of actual data with utilization of auto-clustering methods to enhance accuracy of forecasts.
- ❖ Integration with planning systems to facilitate forecast orders and conduct actual vs forecast analysis
- ❖ Seamless integration with SAP system for master data management
- ❖ Management of material expiration, distinguishing between Fresh and Frozen goods

Business Benefits

- ❖ Enhanced forecast precision leading to elevated service levels and enhanced inventory control.
- ❖ Increased effectiveness in creating production plans and heightened visibility in the supply chain.
- ❖ Elevated customer satisfaction through tailored fulfillments based on customer class and timely handling of expiration orders.
- ❖ Cost reduction and margin improvement through inventory management, optimized stock transfers, accurate production mix, and controlled downgrade impact.

About ITC Infotech

ITC Infotech is a leading global technology services and solutions provider, led by Business and Technology Consulting. ITC Infotech provides business-friendly solutions to help clients succeed and be future-ready, by seamlessly bringing together digital expertise, strong industry specific alliances and the unique ability to leverage deep domain expertise from ITC Group businesses. ITC Infotech is a wholly owned subsidiary of ITC Ltd., a 100-plus-year-old diversified conglomerate with businesses spanning Hotels, Consumer Goods, Paperboards & Packaging, Agri Business, and Information Technology. ITC Ltd. has been in the hospitality business for over 4 decades. It has over 100 properties across 70+ destinations. The hospitality practice at ITC Infotech is 800+ people strong and most have experience in the hospitality domain leading to a high-quality IT service experience for its hospitality customers.

