

MindTrust Consulting - 12/03 to 6/04

Consulting on a project that links the Kraft and Nabisco supply chain systems utilizing various interfaces to transmit key information, such as inventory, forecasts, and manufacturing constraints. Legacy systems, which have pertinent data, use a Business Objects data base as a repository to seamlessly integrate data transfer to and from the Kraft Advanced Planning & Scheduling (APS) initiative. The system's internal name is StEPP, Strategic Enterprise Production Planner. This application has been developed to model and solve manufacturing, distribution and logistics problems such as capacity utilization, seasonal pre-builds, network optimization and transportation alternatives for the Nabisco Snacks and Confections businesses. StEPP allows plant managers and business analysts to visualize their operations and solve strategic supply chain issues. Based on costs, constraints and other data in the model, the Linear Programming (LP) solver (JD Edwards OneWorld Xe) produces the least expensive production plan for the next two years. The results are then used as inputs for short-term planning and detail resource scheduling.

Environment: Visual Basic 6.0, Oracle 8.1.7, SQL, PL/SQL, AIX Unix, Windows 2000, Korn shell, Manugistics Fulfillment, JD Edwards OneWorld Xe Advanced Planning: Strategic Network Optimization (SNO) 6.1.0, Crystal Reports 8.5/7.0, TOAD, HTML