

Case Study

ConAgra Foods SAP Temperature Control Integration

Solution Overview

Industry

Retail/Commercial Food
Manufacturing

SCM Area

Post-manufacturing
distribution logistics
SAP, Manugistics, Red Prairie
integration
AS400, Mainframe and Java

Business Issue

Merging of multiple, business unit-
centric transportation and
warehousing organizations into an
efficient, Integrated Logistics
organization, servicing the
enterprise-wide finished goods
distribution needs.

Solution

Provided functional transportation,
distribution, customer service,
inventory, and finance subject
matter experts and senior project
leadership skills that managed the
solution implementation and rollout
services over a three year period.

Benefits

Creating processes managing
transportation, distribution center
operations, streamlined customer
service functionality, and improved
supply chain visibility allowed the
client to restructure its entire
finished goods distribution network,
realizing \$166M annual savings.

ConAgra Foods is in the process of the designing, developing, testing and implementing a Temperature Control Integration Project for full implementation in 2003 and 2004. A similar integration project for Dry Goods was implemented recently and the architecture developed for the Dry Goods Project will be used as a baseline for the Temperature Control project. Earlier this year a combined team of Business Unit and Information Technology personnel conducted a gap analysis in preparation for the business/technical analysis and design phase of the project. The technical specifications that will be prepared during the business/technical analysis and design phase will then be used to develop software and prepare for unit, integration and operational readiness testing and support.

The Challenge

The scope of this engagement is to provide ConAgra with two (2) Analysts to provide business/technical analysis and unit testing for the following components of the Temperature Control project:

A. Analyst by ConAgra.

Design – Load Tender, ROI Order Status
The Analyst will conduct (JAD) sessions to address business and technical gaps for Load Tender, ROI and Order Status. The “solutions” identified during the JAD sessions will be used to create Technical Specifications for the software developers to use and for the basis of unit testing. The Technical Specifications will then be presented to the appropriate Business and Technical personnel for approval.
Unit Test Plan – Load Tender, ROI, Order Status, Shipment Status and Customer ASN

The Analyst will develop a unit test plan, create test data and conduct the unit testing for Load Tender, ROI and Order Status. The Analyst will also conduct regression testing for Load Tender, ROI, Order Status, Shipment Status and Customer ASN.

Integration & Operational Readiness Testing Support and Analysis – Load Tender, ROI, Order Status, Shipment Status and Customer ASN

B. Analyst by ConAgra.

Design – Weekly Accrual, Freight Allocation, Product Master, Customer Master, Carrier Rates and Carrier Resources

The Analyst will conduct (JAD) sessions to address Weekly Accrual, Freight Allocation, Product Master, Customer Master, Carrier Rates and Carrier Resources. The “solutions” identified during the JAD sessions will be used to create Technical Specifications for the software developers to use and for the basis of unit testing. The Technical Specifications will then be presented to the appropriate Business and Technical personnel for approval.

Unit Test Plan – Weekly Accrual, Freight Allocation, Product Master, Customer Master, Carrier Rates and Carrier Resources

The Result

The Encore team identified the deliverables to be achieved during that particular month. These deliverables were based upon the planned JAD Sessions, Technical Specification Development, and Unit Testing Tasks scheduled.

Technical Specifications Packages from the JAD sessions:

Consisted of the following components as defined by established ConAgra standards:

- Description of general architecture
- Description of detailed architecture
- Source record layout
- Data field descriptions
- Interim mapping characteristics and requisites
- Information design requisites
- Target layouts
- Any special processing or exclusions