

A Specialty Chemical Manufacturer

Unifying **Global Operations and Quality Control** with Dynamics 365 and Power Platform



About the Company



A U.S.-based specialty chemical manufacturer with global operations across 89+ countries. The company produces chemical ingredients and formulations for industrial and consumer markets, specializing in fatty acid derivatization and high-performance specialty materials. Its operations span 9 legal entities, 25+ warehouses, and over 10,000 locations worldwide.



Industry



Chemical
Manufacturing
Workforce
5000+



Presence
North America, Europe, and Asia

Service


D365 Finance & Supply Chain Management

3PL & Logistics Integration


D365 Customer Engagement (CE)

SAP Integration


Power Apps for Quality Control

Managed Support


Power BI Dashboards

Shipping Carrier Connector

Solution

Unified ERP Implementation:

Executed a Greenfield deployment of D365 Finance & Supply Chain Management and D365 CE, integrating finance, operations, and sales into one connected ecosystem.

01

Quality Management Power App

Developed a Power App for real-time laboratory quality control data entry and automation, reducing delays and improving production accuracy.

02

Shipping & Logistics Integration

Integrated UPS, FedEx, EasyPost, and 3PL providers for real-time shipment tracking, carrier rate comparison, and automated pickup scheduling.

03

Labeling & Compliance Automation

Integrated BarTender for automated label generation and printing, ensuring compliance and efficiency across production and dispatch.

04

SAP Sales Order Integration

Established synchronization with SAP for automated sales order creation and consistent data flow between systems.

05

Analytics & Reporting

Deployed Power BI dashboards for real-time visibility across finance, production, logistics, and quality management.

06

Results and Outcomes

- Streamlined finance and supply chain operations across 9 legal entities and 25+ warehouses.
- Real-time QC data capture improving product release accuracy and reducing turnaround time.
- Optimized logistics and labeling processes through multi-carrier and 3PL integration.
- Unified ERP ecosystem eliminating data silos and enhancing visibility.
- Improved customer experience and service efficiency with D365 CE and SAP integration.
- Enhanced reporting accuracy and data-driven decision-making through Power BI analytics.
- Increased operational agility and process consistency across global facilities.