

Global Serialization Track & Trace Implementation

This client company launched a specific agricultural unit in the 1950s. From the beginning, they have set out to discover and develop innovative solutions that improve the way the world farms. In 1989 the company went through partnerships, but by 1997, acquired 100 percent ownership of the business. In 2015 the company went through a merger, then subsequently spun off into three independent companies, one of them being focused solely on agriculture.

The client chose Clarkston to assist with expanding their Serialization Track & Trace efforts to Argentina, China, and the U.S. This project provides global functionality for serialization at manufacturing sites with stationary packaging lines as well as cloud-linked mobile devices. This provides functionality to serialize, label, and record Track & Trace transactions for seed and chemical products.

In addition, Clarkston Technology Solutions was chosen as the global support provider for all serialization production systems at manufacturing sites and warehouses for their Track & Trace solution for seed and chemical products.

Life Sciences Case Study

PROJECT OVERVIEW

INDUSTRY:



Agricultural Biotechnology

SERVICES:



Discovers, develops, and manufactures seeds, crop protection chemicals, and fertilizers.

PRIMARY OBJECTIVES:

- Global process optimization to create transparency and traceability of complete product supply chain by generating whole chain visibility at batch and item level from the company as manufacturer to end customer and thus increase product security
- Improved operating efficiency utilizing standardized master data configurations and improving real-time data analytics
- A foundation for future rollouts to new countries

RESOLUTION:

- Used tightly-integrated Agile scrum team focused on each business process to migrate global business requirements from legacy platform to a single global solution
- Developed a fully configured core solution, including full supply chain visibility, production line integration, and SAP interfacing allowing for lot generation, material movements, and warehouse/supply chain functionality
- Produced global training materials and delivery procedures

KEY BENEFITS:

- Globalization of serialization code base to facilitate onboarding sites across multiple geographies
- Custom handheld scanner applications for full manufacturing plant and warehouse integration of serialized products
- Integration with Corporate and Plant-level serialization systems at the plants with full aggregation
- Track and trace functionality delivered every two weeks following Agile methodology to continuously provide new business value and incorporate user feedback
- Full traceability from vendor supplied raw materials to shipping finished goods to customers

CLARKSTON CONSULTING

Full serialization and aggregation on the packaging line while still meeting the full demand plan

Enabled route-to-market strategy with customer integration for sharing serialization data

Improved quality controls for real-time validations of ingredients used in formulation

Reduction in manual compliance efforts for government reporting

“The adaptability and personal attention that the Clarkston team showed us and our needs allowed us to operate within our development model with their expert skillset. Their extensive knowledge and hard work made a near-impossible project that other consulting firms had failed at before successful.”

- LEAD ARCHITECT