

# **Pharmaceutical Manufacturer: Global L4 Serialization System**

Clarkston Consulting worked with one of the top generic prescription medication providers in the U.S., that offers both oral solid and injectable pharmaceuticals to a growing number of chain stores, wholesalers, distributors, health systems, and government agencies.

To ensure compliance with all supply chain security and safety regulations in the global markets in which they distribute product, the client engaged Clarkston Consulting for a multi-phase program to implement a global serialization solution.

This solution would serve all global business units, providing a common data management platform and harmonized processes that could still be tailored to address market-specific variants and legacy packaging solutions in place at the site-level. The solution would also enable an affiliate to act as a contract packaging partner for its former corporate parent.

# Life Sciences Case Study

## PROJECT OVERVIEW



### COMPANY:

One of the world's leading generic prescription medication providers

### INDUSTRY:

Generics Pharmaceutical Manufacturing

### PRODUCTS & SERVICES:

More than 700 products across branded, generic, and injectable platforms, and multiple therapeutic areas. The company also provides contract manufacturing and packaging services for strategic partners.

### EMPLOYEES:

8,000 (Globally)

### REVENUE:

\$1.95B (Globally)

### PRIMARY OBJECTIVES:

- Implement an enterprise-level ("L4") serialization solution to centrally manage serial number provisioning, storage, and communication.
- Design a common interface between the L4 system and multiple serialized packaging line platforms ("L3").
- Enable serialized packaging as a contract partner.

### RESOLUTION:

- Worked with Clarkston Consulting to implement SAP Advanced Track & Trace for Pharma (ATTP) v1.1 .
- Enabled EPCIS 1.1 compliant commission, pack, and shipping messages to be adopted by 3 unique L3 solutions.
- Defined solution and implementation plan for integration as contract packager with global manufacturing partners.
- First ATTP instance in a production environment, within the first year of ATTP's release.

### THE KEY BENEFITS:

- Enterprise-level corporate serialized data repository enables compliance with all current and future regulatory models.
- Simplified integration with additional supply chain partners resulting from standard message definition.

### ANTICIPATED BENEFITS:

▶ **\$50K** cost avoidance per packaging line solution by using common EPCIS messaging template

▶ **500,000** commissioned serial IDs – tested capability for transfer from packaging line solution to corporate repository at batch completion

