

Issue: Counterfeit Drugs

According to the World Health Organization, over **\$32 Billion** in counterfeit drugs is sold around the globe each year—roughly 8% of all medicine in the supply chain—putting patients at risk for prolonged illnesses, even death.

Acsis ProducTrak™ SPDM™ protects manufacturers and consumers alike.



Here's how...

Acsis ProducTrak SPDM software modules are the best solution for your organization:

- **Smart-camera technology**—By leveraging smart camera technology, SPDM Line Management minimizes end user's integration concerns and future ownership issues
- **Flexible architecture**—SPDM Site-Level gateway can communicate with any industry-accepted Level 2 serialization Line Management provider
- **"Configurable" communication hub**—SPDM Site-Level gateway provides an interface with EPCIS and/or Enterprise-level resources
- **Centralized location**—SPDM Site-Level gateway manages and stores all Product Recipes, allowing the end user to easily deploy serialized and non-serialized products across any packaging line
- **Programmable automation**—SPDM Site-Level gateway assists in the process of immediate "goods movement" from packaging line through warehouse and distribution channels
- **Browser-based technologies**—the Acsis ProducTrak SPDM suite supports rework, QA and manual palletizing operations through electronic applications; individual PCs running "executable" processes are not required
- **Global support**—the flexible SPDM solution enables implementation of a worldwide serialization strategy in packaging or post packaging based on plant processes, vendor relationships and customer demands

In addition, the Acsis ProducTrak SPDM solution can solve the immediate architectural needs that govern how serialization impacts the Contract Packaging industry.

To learn more or to schedule a demo at our Solution Center, call us at **856-673-3000** or visit our website: www.acsisinc.com



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ProducTrak™ SPDM™ Series

Fast, accurate, flexible and scalable serialization management for pharmaceutical packaging suites



Acsis Software Solutions



Acsis ProducTrak™ SPDM™ Series



Solution Highlights

Transfers data seamlessly—including product-oriented business data—between packaging lines and ERP/IT systems

Enhances current and future packaging infrastructure—scalable and flexible, not “rip and replace”

Ensures accuracy of packaging data by eliminating manual processes

Provides visibility across multiple lines and sites

Features predefined interfaces to leading enterprise-level serialization repositories

Leverages the latest technology advances in vision and other packaging equipment

Available as a stand-alone solution, as a small-footprint augmentation to an existing line, or as an integral part of an end-to-end solution

24/7 Global Customer Support

Serialized Packaging Data Management™ (SPDM) from Acsis increases the accuracy and visibility of your packaging operations. Added to your existing infrastructure, this solution employs serialization best practices in a robust software solution that works to increase your business agility and protect your brand.

Acsis is well-grounded in regulation and compliance issues, having worked with leading pharmaceutical and life sciences companies on the implementation of serialization solutions. ProducTrak SPDM communicates with ERP and other IT systems, enabling you to meet ePedigree initiatives and regulatory requirements.

ProducTrak SPDM is built on our VisiTrak™ engine that manages all communication between packaging lines and enterprise systems—such as SAP®, IBM®, and Oracle®—even as it handles the complexities of the real-time packaging serialization processes.

As with all Acsis solutions, ProducTrak SPDM is designed to grow with your initiatives, from small pilot through global rollout. It will continue to provide a flexible and scalable platform that addresses the way you do business today and in the future.

ProducTrak SPDM Modules

SPDM Line Management

The Acsis SPDM Line Management solution meets the serialization needs of a packaging line. This software solution integrates with existing ERP systems to provide a site-level gateway between the packaging floor and ERP and MES layers. The SPDM module augments future data management, such as production orders, line-level context data, and the automatic initiation of goods movement from packaging to warehouse and distribution operations.

Highlights

- Tracks and controls all parent-to-child relationships
- Manages any different number format (e.g., Pure URI, SGTIN, GS1, SSCC-96, and SSCC-18)
- Automatically converts different number schemas based on client’s EPCIS or business requirements
- Checks for serial number duplication during the lot
- Enables line equipment to run based on serialized or non-serial activities
- Guarantees delivery between SPDM Line Management and the SPDM Site-Level gateway

ProducTrak SPDM Site-Level

Acsis understands the value of true visibility and believes that it should apply to every aspect of the supply chain. With SPDM Site-Level, you have the proper tools for a flexible serialization architecture, regardless of the equipment vendors selected or the Enterprise technology already implemented.

Highlights

- Provides a gateway between the EPCIS layer and packaging lines
- Manages the complete serialization process, regardless of the speed or number of lines
- Manages and deploys all product recipes from a centralized site-level versus a “line-by-line” approach
- Receives production orders directly from ERP, to automate the “start-lot” process
- Manages serialized and non-serialized products, regardless of the packaging line
- Eliminates the need for an EPCIS resource when piloting the application
- Drives manual pallet building, QA sampling and in-lot/post-lot rework operations through a web-based application, providing accessibility via any browser-based device
- 24/7 access to real-time and historical posting reports, reconciliation reports, and serial number status reports

ProducTrak In-Lot Rework

In-lot rework and QA sampling are common at the line-level, so Acsis offers the ability to rework all levels of product at the line through our SPDM site-level gateway. This application is accessible via any browser-based device and, as long as the workstation supports scanning and printing, complete in-lot rework and QA sampling operations can be performed without impacting the packaging line OEE.

Highlights

- Browser-based application that resides on the site-level server; provided as a standard feature within the SPDM Site-Level gateway product
- Supports all de-commissioning, aggregation, and de-aggregation events as required, regardless of component hierarchy

ProducTrak SPDM CP

Contract packagers (CP) find it increasingly difficult to manage their clients’ serialization processes without expanding existing packaging operations. The Acsis approach to support for the contract packaging model is unique: regardless of the number of clients, instances of EPCIS or packaging lines, SPDM CP offers the serialization scalability and flexibility that contract packager’s demand.

The most exciting benefit of SPDM CP is that it allows the contract packager to offer multiple clients the capacity to run similar products on a specific line without comprising the data between them. The Acsis approach gives contract packaging clients the ability to map packaging data directly to the SPDM Site-Level gateway, regardless of the number of clients involved or EPCIS resources required to drive the process.

Highlights

- Enables packaging of serialized and non-serialized products on a single line, regardless of the number of end users
- Manages product recipes for all clients from a virtual server without comprising data integrity between end users
- Manages the provisioning and notification requirements for multiple instances of EPCIS resources, regardless of end user demands
- Manages all post-lot rework and possible pick pack-and-ship operations for individual clients outside of packaging



SPDM RM1 – The Recipe Management screen allows you to view and manage information about products, components of a process, required process steps, and resources needed for production – all from one screen.



SPDM Processing Status – Captures and manages serialized product data on the packaging line and integrates with EPCIS repositories for greater visibility in your ERP systems and throughout your distribution network.