![SYSTECH — connected solutions by Markem-Imaje]

Seamless. Simple. Secure. Track-and-Trace Solution for Supply-Chain Safety.
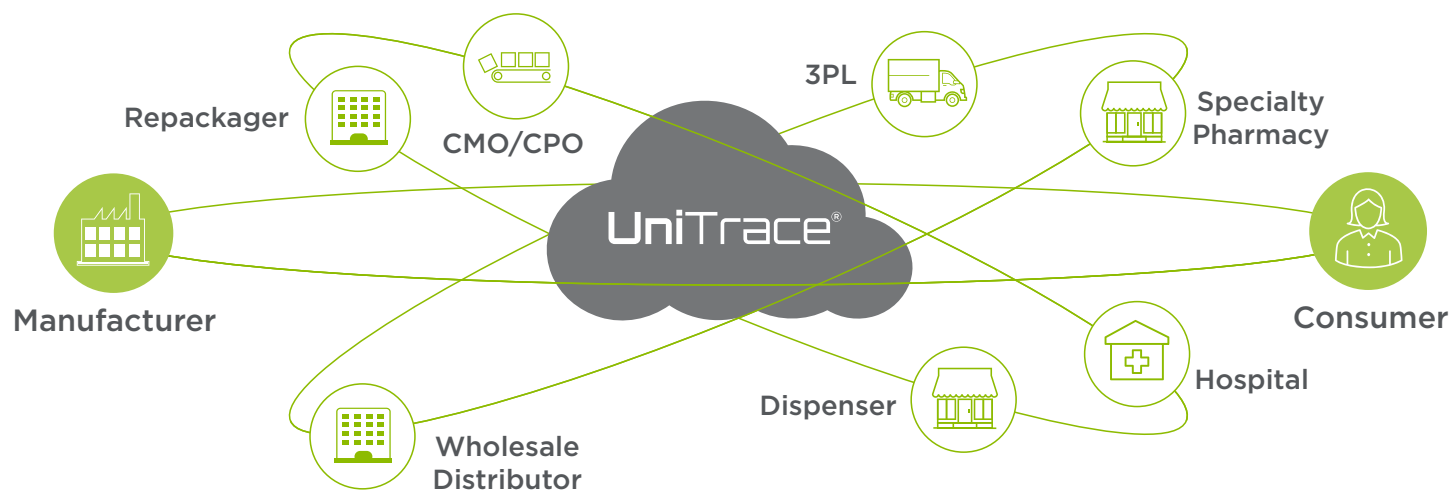
Turn Complexity into Connectivity

Pharmaceutical brands must meet evolving and complex regulations to secure global supply chains. A critical part of compliance is the generation, management, exchange and reporting of serialization data within the diverse supply-chain ecosystem. Achieving this level of product traceability is not easy. Many companies end up with a mix of tools from different vendors. The challenge of making everything work together can be overwhelming and costly. Ideally, you want one complete track-and-trace solution that is:

- Easy to implement, secure and future-proof
- Adaptable to integrate your sites, customers and trade partners
- Interoperable to meet all known compliance requirements

With True, Global Traceability

End-to-end product tracking—from point of manufacture to point of dispensation—is essential to ensure compliance, control quality, minimize distribution costs and keep people safe. UniTrace® delivers a comprehensive, one-vendor solution for dynamic and secure data exchange. It enables traceability throughout the entire supply chain, while meeting global compliance requirements.

UniTrace gives you complete item transfer visibility across your global supply chain. This—combined with the ability to connect with master data systems and regulatory databases—creates a compliant system of record for your products.

End-to-End, Supply-Chain Tracking

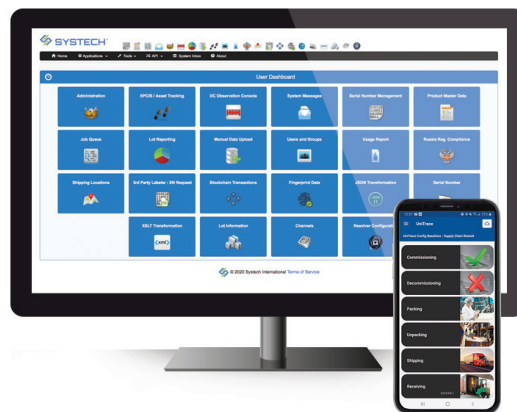| Serial Number Management	End-to-End Traceability	Compliance Gateway	Trade Partner Data Exchange	Supply Chain Rework/Logistics	Master Data/EPCIS Event Repository	3rd Party System Integration

Rapid & Simple Deployment

- Cloud-based, infrastructure-light platform
- Open APIs and services – configuration and integration
  - Enterprise resource planning (ERP)
  - Manufacturing execution system (MES)
  - Premise serialization systems

Flexible & Scalable Functionality

- Compliance gateway adapts to changing regulatory environments
- Event repository natively processes inbound and outbound EPCIS data—all versions—across your network
- User-friendly interface enables native supply-chain rework capabilities and more

DC Console

- Integrated logistics, rework and exception handling platform—no third-party software required
  - Powerful rework suite for packing, unpacking, decommissioning and destroying
  - Full label printing capabilities direct to printer or enterprise label software package
  - Serialization integrity throughout your operations
- Workstation or mobile device support to facilitate ease of processing

Use Case

Problem

A virtual pharmaceutical company needed to enable their supply chain by connecting their contract packaging organization (CPO), third-party logistics (3PL) service and pharmacies to track and trace serialized product. The company was concerned about effectively integrating these trade partners to meet US Drug Supply Chain Security Act (DSCSA) timelines. Also, the company's brand owner decided to aggregate their product, adding more complexity to the supply chain.

Solution

Utilizing the UniTrace platform the brand owner—in conjunction with Systech, CPOs and 3PLs—successfully executed a program to process serialized product through the supply chain. This was the first serialized data exchange through a major US-based 3PL for the company's flagship product. UniTrace delivered a complete, end-to-end traceability solution.

	UniTrace Solution	Our Competitors
EPCIS Interoperability	All versions	Fixed version
Single Tenant	Yes	Some
Flexible Connection Model (vendor agnostic)	Yes	Some
Integrated Logistics Rework Platform	Yes	Third-party
Transparency in Pricing	Full project scope pricing	Partial project scope pricing

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