



TraceLink Serialized Product Intelligence

Take control of your serialized supply chain and unlock the value of serialization data

Drug manufacturers face major challenges in their efforts to serialize products that stem from globally distributed supply chains, increased operational complexity, and rapidly-evolving regulatory mandates across the globe. For example, U.S. Drug Supply Chain Security Act regulations will require unit-level traceability, data reconciliation, and product verification by November 2023. This will require a massive increase in serialized transaction processing and introduce increased transaction errors that must be rapidly resolved to keep serialized operations on track and ensure timely delivery of products to patients.

To address these challenges, drug manufacturers require a complete, end-to-end view of serialized operations that enables them to reduce the time to error detection, rapidly identify the root cause of serialization errors, readily demonstrate compliance to data reconciliation requirements, and monitor verification activity in real time.

TraceLink Serialized Product Intelligence, built and hosted on Opus, the Platform for the Internet of Supply Chains, which links people, processes, systems, and enterprises into a digital network, is an advanced operational reporting solution that enables proactive monitoring of serialized products, operational events, and compliance events around the globe. The solution helps you ensure timely delivery of serialized medicines while improving the efficiency of serialized operations and reducing operational costs.

Key Capabilities

TraceLink Serialized Product Intelligence provides an intelligent analytical data model and a high performance data processing engine to enable continuous, real-time instrumentation and analysis of serialized and lot-level events. Capabilities include:

SERIAL NUMBER RECONCILIATION

- Review serial number operational status, last known deliveries, compliance reports submitted, and packaging hierarchy.
- Analyze operational status at the lot level, delivery level, parent packaging container level, or by specific serial number.

SERIAL NUMBER EVENTS HISTORY

- Review operational and compliance history of serial numbers at the lot level, delivery level, or serial number level.
- Create standard operational checkpoints and compare and troubleshoot both internal or trade partner supply chain issues.

COMMISSIONED LOT MONITORING

- Monitor lot commissioning activity and serial number quantities produced at each packaging level.
- Monitor and analyze lots produced by product, location, or target market.
- Facilitate returns processing where barcodes are damaged and not fully readable through partial lot number search.



Key Benefits

Serialized Product Intelligence is the foundation for ensuring continuous compliance with evolving regulations while driving the highest levels of operational efficiency. Benefits include:

IMPROVE REPORTING

Transform serialization events, business rules, and compliance requirements into visual reports and interactive graphical dashboards that provide a top-down view of serialized inventory.

IMPROVE PRODUCT AVAILABILITY

Monitor shipments, lots, and serialized products with new levels of visibility and insight. Accelerate the resolution of issues like serialization discrepancies, aggregation problems, and shipment errors. Enable insightful root cause analysis on issues and events to develop cost and risk avoidance procedures.

EMPOWER BUSINESS USERS

Empower business users and other key stakeholders across the enterprise with a powerful user interface for queries, interactive discovery, and data visualization.

GAIN FULL SERIALIZED OPERATIONS VISIBILITY

Develop an end-to-end view of your serialization process and its touchpoints to your packaging and distribution operations to reduce delays and improve predictability of supply.

TraceLink Serialized Product Intelligence enables you to access real-time, actionable intelligence and proactively monitor your serialized drug supply chain so you can accelerate the resolution of inconsistencies and improve on-time, in-full product delivery performance.

Contact TraceLink to learn more

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