

Axway Track & Trace (GS1 EPCglobal-certified)

Integrated EPCIS event repository for global regulatory compliance, diversion detection, product recall and anti-counterfeiting within complex delivery supply chains



Axway Track & Trace manages serialized and non-serialized product events to allow internal and external trusted parties to access product identification, location, pedigree and event data at any point in the delivery supply chain. Built on an EPC Information Services (EPCIS), GS1 EPCglobal-certified standards-based framework, Axway Track & Trace provides the end-to-end transparency, logistics management and product ID verification services you need to optimize all of your track-and-trace initiatives.

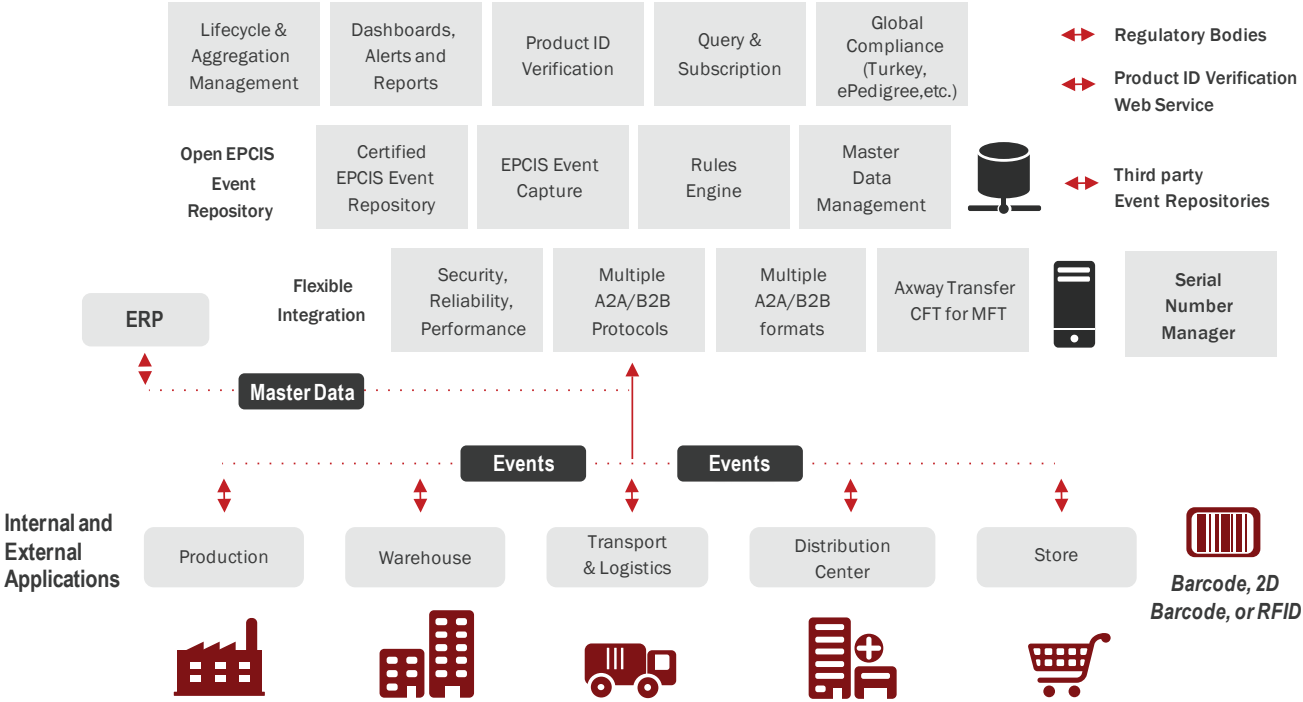
Business Challenges	
Security and safety	<p>Regulatory Compliance Address the complexity of compliance regulations across multiple countries with chain-of-custody and track-and-trace capabilities for pharmaceuticals and medical devices</p> <p>Anti-Counterfeiting Meet safety and quality demands and protect your brand by rapidly identifying counterfeit products</p> <p>Product Diversion Protect profits and brand equity by detecting potential “gray market” product diversion</p>
Visibility and efficiency	<p>End-to-End Supply Chain Visibility Enable exception management based on event consolidation of all partners involved in various business processes, improving productivity and supply chain efficiency</p> <p>On-Shelf Availability Improve on-shelf availability and reduce inventory levels so that consumers benefit from an enhanced shopping experience</p> <p>Returns, Recalls, Reverse Logistics Improve timely and efficient return and recall management</p>



Key Features & Benefits	
GS1 EPCglobal-certified event repository with built-in master data Leverage a truly open and highly-scalable event repository	<ul style="list-style-type: none"> ▪ Create a highly-scalable event repository to support huge volumes of serialized events ▪ Use built-in master data to automatically enrich events with meaningful business attributes ▪ Provide an EPC-certified interface to EPCIS-ready applications and partners (web services, AS2, JMS) ▪ Use the dynamic repository structure for maximum business agility and enrichment of your repository structure over time ▪ Connect to third-party EPCIS event repositories
Global compliance Reduce the cost and complexity of compliance with chain-of-custody and track-and-trace regulations for pharmaceutical products	<ul style="list-style-type: none"> ▪ Associate and manage product master data, serialized events and distribution channel events ▪ Capture aggregations, change-of-ownership and de-commissioning events to provide a complete picture of the product lifecycle ▪ Automate extraction and data transformation to meet country-specific reporting requirements ▪ Access a clear history of previously reported events ▪ Transmit compliance reports to partners or regulatory authorities with guaranteed delivery ▪ Leverage Axway ePedigree to guarantee the authenticity of origin and demonstrate possession as pharmaceutical drugs move through the supply chain
Multipurpose lifecycle and aggregation management Empower business users with direct access to your event repository	<ul style="list-style-type: none"> ▪ Provide a single source of actionable intelligence for all business users including quality managers, channel managers and data managers ▪ Provide powerful, user-friendly queries to business users to search the event repository, including commissioning, aggregations, de-commissioning, re-aggregations and transaction events ▪ Easily change the aggregations hierarchy and enter ad hoc events into your repository ▪ Create new queries without IT support and distribute them to users with role-based security ▪ Manage queries returning large amounts of data effectively using asynchronous queries
Product ID verification Leverage product ID verification for robust anti-counterfeiting measures	<ul style="list-style-type: none"> ▪ Simplify product ID verification with a central database containing all your serial number and search capabilities with key status information (valid, invalid, unknown) ▪ Deploy a customizable web module for product ID verification ▪ Facilitate adoption with user-friendly entry of serial number and/or GTIN ▪ Use the product ID verification web services to enrich existing customer-facing, internal or partner web applications
Dashboards, alerts, and reporting Maximize the business value of your event repository	<ul style="list-style-type: none"> ▪ Use dashboards with key indicators on visibility, security and efficiency of your supply chain events ▪ Receive notifications for customizable exceptions and business rules ▪ Build complex event-driven correlation rules to detect diversion, counterfeiting or non-compliance with business rules ▪ Define subscriptions to extract pre-defined queries at regular intervals with custom criteria and notification modes ▪ Generate reports on queried data in multiple formats
Serial number management Manage the generation of serial numbers at the enterprise level	<ul style="list-style-type: none"> ▪ Use the Serial Number Manager to define the format and allocate unique serial number ranges across multiple manufacturing lines or facilities ▪ Ensure the uniqueness of serial numbers at the pallet, case and/or unit level ▪ Ensure non-repudiation across multiple lines or facilities/plants ▪ Support multiple serial number formats using any standard, including GTIN and SSCC ▪ Manage multiple printing solutions by integrating Axway Track & Trace with line management systems or off-line labeling systems
Integrate any internal or external application (EPCIS and non-EPCIS) Manage the heterogeneity of existing internal applications and external partners with maximum flexibility	<ul style="list-style-type: none"> ▪ Manage event and master data integration with high security, reliability and visibility ▪ Connect to multiple application-to-application (A2A) protocols to collect events from any existing non-EPCIS applications — such as ERP, manufacturing execution systems, warehouse management, sale point, eCommerce portal ▪ Seamlessly connect your partner applications with a built-in business-to-business (B2B) gateway providing secure and reliable communication and endpoints for your partners ▪ Easily transform existing application formats to EPCIS formats with a powerful Eclipse-based visual mapping tool to effectively define, maintain, simulate, print and deploy maps and integration rules ▪ Implement validation rules during the integration process to enforce business rules and detect exceptions ▪ Leverage Axway Transfer CFT — an A2A Managed File Transfer (MFT) solution — to collect files with maximum security, reliability and scalability



Compliance, Anti Counterfeiting, Diversion Detection, Product Recalls and more



Specifications

Operating Systems

Windows
Linux
AIX
HP UX
Sun Solaris

Databases

Oracle 9i, 10g, 11g
MySQL 5

Native Integration protocols

Web Services
EDI-INT AS2
JMS
File System

Additional B2B Protocols

(with Axway Interchange option)
EDIINT AS1, AS2, AS3
OFTP (V1 and V2) over TCP/IP, X.25,
and ISDN
RosettaNet RNIF (V1.1 and V2.0)
ebXML ebMS (V2.0)
HL7 MLLP (V1 and V2)
cXML (V4.0)
Web Services
X.400 over X.25 and TCP/IP (X.420
and X.435 profiles)
HTTP, HTTP/S, Staged HTTP Web
Servlet
FTP, S/FTP, FTP/S
JMS, IBM WebSphere MQ
WebDAV
Secure email (via SMTP)
Axway Transfer CFT with full PeSIT
Support

EDIINT and ebXML are certified by
the Drummond Group annually.
OFTP V2 has been certified by
ODETTE.

For More Information, visit www.axway.com

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