



SAP Advanced Track and Trace

An end-to-end enterprise solution for pharmaceutical serialization, regulatory reporting, and supply chain traceability.

<https://www.sap.com/products/scm/track-trace-pharmaceuticals.html>

Overview

SAP Advanced Track and Trace for Pharmaceuticals (SAP ATTP) is a specialized, high-volume data management solution designed to help pharmaceutical companies comply with global and regional drug serialization and track-and-trace regulations, such as the US DSCSA and the EU FMD. Co-developed with leading pharmaceutical companies, the solution provides a corporate serialization repository and management system.

Key Features and Capabilities

Robust Serial Number Management: Generates, tracks, and manages serial numbers and their aggregations (e.g., bundles, cases, pallets), supporting both sequential and randomized number ranges.

Extensive Serialization Repository: Captures and stores massive volumes of serialization data, objects, events (EPCIS), and business transactions, built to scale for large enterprises.

Country-Specific Regulatory Reporting: Provides readily available country compliance packages and interfaces for reporting serialized data to national authorities (e.g., US, EU, China, Turkey, Argentina).

Deep Data Integration: Seamlessly integrates master and transactional data with existing SAP ERP, SAP S/4HANA, and Warehouse Management Systems (WMS/EWM), as well as packaging lines.

Counterfeit Prevention & Verification: Enables verification of product authenticity and provenance by tracking the chain of custody and comparing serial numbers at each point.

Fiori-Based User Interface: Offers web-based Fiori apps like the Data Cockpit for occasional users and mobile apps (Authenticator, Mobile Warehouse) for on-the-go functionality.

Target Users and Use Cases

SAP ATTP is an enterprise-grade solution primarily targeting the **Pharmaceutical and Life Sciences** industry. The main users and use cases include:

Target Users: Pharmaceutical Marketing Authorization Holders (MAH), Contract Manufacturers (CMO), Third-Party Logistics Providers (3PL), and Wholesalers.

Use Cases: Achieving global regulatory compliance (DSCSA, EU FMD), preventing counterfeit drugs and illicit trade, enabling efficient product recalls, and enhancing end-to-end supply chain visibility.

Key Features

- Serial Number Management
- Country-Specific Regulatory Reporting
- Serialization Data Repository (High Volume)
- ERP and WMS Integration (SAP ECC/S/4HANA)
- Product Authentication and Verification
- Aggregation and De-aggregation
- Fiori-Based Data Cockpit

Pricing

Model: enterprise

Price is available upon request. The service is typically billed by 'objects' (data objects representing a physical object) in large blocks (e.g., minimum of 7 blocks of 12,000,000 objects per year) with multi-year contracts.

Target Company Size: enterprise

Integrations

SAP ERP, SAP S/4HANA, SAP Extended Warehouse Management (EWM), Packaging Line Systems, External Serialization Systems (e.g., TraceLink), Government/National Regulatory Hubs

Compliance & Certifications

GS1 Global Standards, US DSCSA, EU FMD, FDA 21 CFR Part 11, EU Annex 11

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