

SAP Information Collaboration Hub for Life Sciences

Overview

The menace of counterfeit pharmaceuticals is a global issue that impacts the entire world. To counteract it, several governments have initiated regulations to control the production and distribution of drugs. This includes uniquely identifying products at the consumer sales level (i.e. at the pharmacy counter). Unique identification like this is known as 'serialization' and it leverages the SAP Advanced Trace and Trace for Pharmaceuticals application as the system of record. SAP Information Collaboration Hub for Life Sciences compliments this application by providing the network to exchange serialization data with supply chain business partners. The solution is designed to reduce drug counterfeiting and follows directives issued by governments worldwide on the serialization of drugs and its corresponding compliance reporting requirements.

Business processes and capabilities

The hub uses SAP Cloud Platform integration services to exchange messages, and provides three connectivity options to customers and partners, depending on their business needs and technical requirements:

- A web app allows authorized users to perform a variety of tasks and functions: its simplified web-based interface allows users to define master data and exchange serialization data via a standard browser
- A B2B option enables machine-to-machine connections for customers and partners that are able to connect to the hub via SOAP, AS2, or SFTP: the setup requires TLS certificates or SSH keys in case of SFTP – users are provided with detailed message specifications and required to send messages in a predefined format
- Users can also connect directly to third-party integrator services in a mutually-agreed format, and typically a shared connection is established between the hub and the service provider, resulting in a less complicated onboarding process

Applications

- [SAP Cloud Platform](#)
- [SAP Information Collaboration Hub](#)
- [SAP Vaccine Collaboration Hub for Life Sciences](#)
- [SAP Advanced Track and Trace for Pharmaceuticals](#)

Business value

For organization working in the pharmaceutical industry worldwide, SAP Information Collaboration Hub for Life Sciences can mean:

- Reduced cost and risk of implementing required collaboration capabilities
- Operations in multiple countries can comply with regulations wherever they do business
- Reliable verification of the authenticity of medicine packages returned to wholesale distributors from hospitals and pharmacies as required by US DSCSA
- Proof of drug origins and authenticity to prevent fraud, protecting the value of branded pharmaceuticals, and improved patient safety
- Easier and faster exchange of large volumes of data and messages in different formats to meet quality and regulatory requirements

Contact and further information

- <https://blogs.sap.com/2019/01/07/sap-information-collaboration-hub-an-overview/>
- <https://news.sap.com/tags/sap-information-collaboration-hub-for-life-sciences/>
- www.sap.com/lifesciences

Benefits

SAP Information Collaboration Hub for Life Sciences is a cloud-based network solution that allows pharmaceutical partners to exchange drug serialization information securely and easily. The advantages are that it:

- Enables pharmaceutical trading partners to exchange large amounts of serialization data securely, including data for commissioning, de-commissioning, and other serialization events
- Allows manufacturers to integrate third parties much more quickly into serialization processes in an agile supply chain and improves drug traceability
- Helps manufacturers and other value chain entities to report to government agencies, thus adhering to regulatory requirements within different serialization legislations
- Utilizes blockchain technology to provide a secure, reliable, and distributed network to enable verification routing within the information hub

