

## MERCK AND AMERISOURCE BERGEN STAY ON TRACK WITH SAP AND CRYPTOWERK

### The Challenge

Consumer demand and regulatory requirements are transforming the way pharmaceutical companies verify the authenticity and integrity of their processes and products. The changes are not optional: U.S. regulations now demand that pharmaceutical companies be able to identify and track the life cycle of every item they sell from the original manufacturer to the shelf to the consumer. Manufacturers and distributors must document the authenticity of items and processes throughout every step of the supply chain in order to remain competitive, comply with regulations and win the trust of consumers.

Two leading pharmaceutical companies — Merck and Company, Inc., and Amerisource Bergen — implemented a fast-track project with SAP® and Cryptowerk™. The goal: to more efficiently detect counterfeits and irrefutably document compliance at scale. The project demonstrated the solution’s applicability for tracking and tracing billions of items throughout their supply chains.

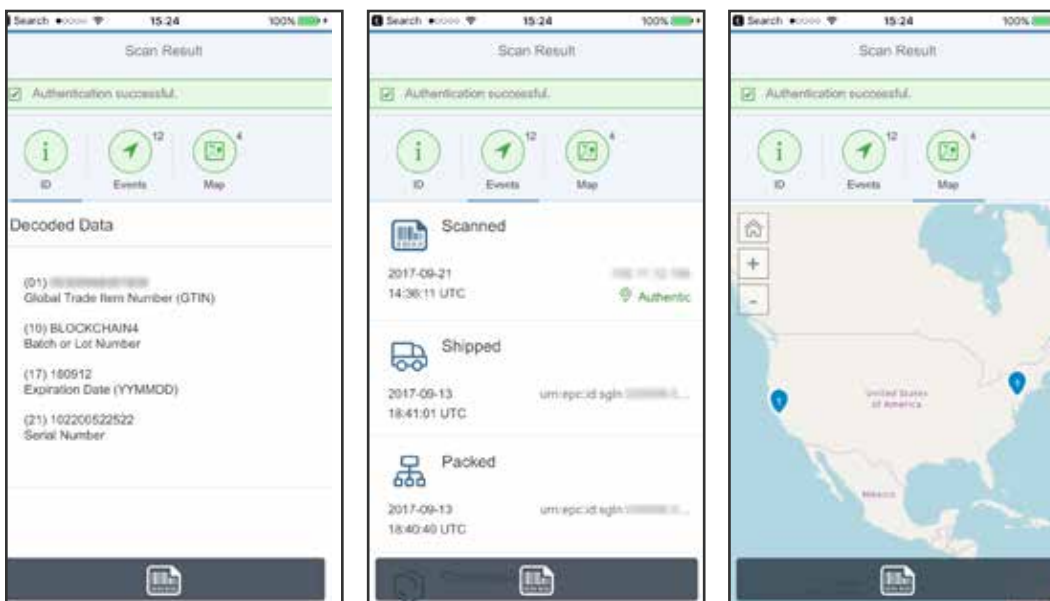
### The Solution

Working closely with Merck and Amerisource Bergen, SAP rapidly integrated Cryptowerk Seal with the SAP Advanced Track and Trace solution, including its mobile component, to deliver the following benefits in just a few weeks:

- Full compliance with DSCSA sellable returns verifications
- Instant verification of the authenticity of returned items
- No replication of manufacturer data required for wholesaler
- Minimal complexity, maximal security
- Immutable, single source of truth provided to all parties, including regulators
- Interoperable with existing Track and Trace solutions
- Scalable to consumer scanning at point of dispense

Cryptowerk is working with SAP to deliver digital trust at scale today, and is extending its SAP Certified solution to other applications in other industries. Cryptowerk Seal is available now on the SAP App Center and has been featured in Forbes Magazine and at SAP TechEd.

An item being tracked with SAP’s Trace and Trace solution enhanced with blockchain security by Cryptowerk:



*“Transmission, through the pharmaceutical network to the blockchains, is carried out blisteringly fast, via Cryptowerk, along with the added non-repudiation mechanisms provided by the Network.”*

*—Ross Doherty, Manager, SAP Innovative Business Solutions\**

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\*<https://blogs.sap.com/2017/09/20/blockchain-innovation-the-journey-to-teched/>