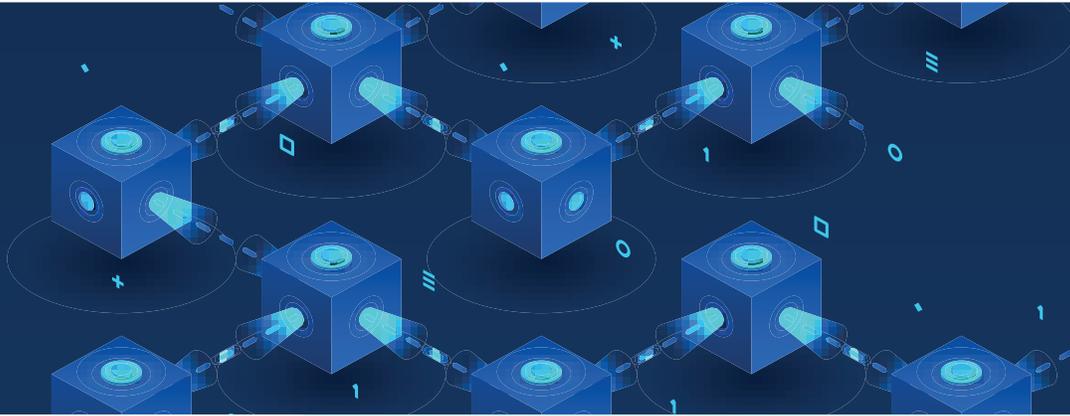


INFOSYS SMART SUPPLY CHAIN SOLUTION



Solution overview

Infosys Smart Supply Chain is an innovative solution that helps the food industry track the farm-to-fork cycle. It leverages SAP Leonardo, a new digital innovation system, along with ground-breaking technologies such as IoT and blockchain. The solution shares real-time and immutable data across all supply chain participants, thereby eliminating trust and transparency issues that are rampant in traditional supply chains.

Challenges mitigated

- Addresses the lack of real-time monitoring and alerts by eliminating the use of disconnected systems to process and share data
- Reduces distress inventory by enabling visibility across the supply chain and providing quality assurance to alternative buyers
- Plugs gaps arising from poor authenticity and provenance information that allow counterfeit products to seep into the supply chain



Manufacturer



Distributor



Logistics



Retail



Customer

Business benefits

- Reduces product spoilage and return losses by over 70% through real-time inventory monitoring
- Resolves trust issues and facilitates coordination among participants through traceable information
- Reduces investment cost by leveraging the existing system to build the solution
- Minimizes losses by 50% from distress inventory and reduces opportunities for product counterfeiting

Solution features

- Provenance information enabled by blockchain
- Real-time track-and-trace of the products and condition monitoring
- Marketplace to buy/sell distress inventory
- Mobile app to share product details with consumers and avert product counterfeiting

Technologies used

- SAP Cloud Platform
- SAP Leonardo Blockchain
- SAP Leonardo IoT
- SAP S/4 HANA and HANA as Database
- SAP ECC



Internet of Things



Machine Learning



Cloud Application Services



Block Chain