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Live Enterprise - Cold Chain Logistics

Function: Supply Chain, Logistics
Processes: Warehousing, Delivery, Transportation
Industry: Food and Beverage, Pharma, Medical Devices

For more information contact sap@deloitte.com

Business Driver

The global cold chain market is expected to grow at a compound annual growth rate of 13.9% by 2020 - estimated to reach $271.9B. The key logistical challenge that the cold chain industry faces is the loss incurred on account of temperature excursions – typically estimated at over 20% of total revenue. Consequently, business is often challenged with pressure to improve operational efficiencies. Also there could be non-compliance due to lack of tracking and stringent good distribution practice norms.

Solution Overview

The solution can enable reliable real time monitoring and historical analytics for "Cold supply chain" by recording critical environmental parameters for cold chain products. It helps clients achieve safe distribution, better quality, certified delivery, proactive actions and predictive maintenance - potentially leading to increased operations efficiencies and customer satisfaction.

Features

Integration with SAP S/4HANA®

✓ Scalable solution integrated with SAP S/4HANA

✓ Fiori enabled solution tightly integrated with SAP® best practices

Process innovation and flexibility

✓ Ability to track ambient level or container level cold chain parameters

✓ Quality certificate to comply with regulatory requirements

SAP Fiori® advantage

✓ Tailor-made custom SAP Fiori apps for real time tracking and analytics

✓ Trigger business decisions within SAP Fiori app e.g., revoking shipment, cancelling customer delivery

Potential Benefits

✓ "Control Tower" view allows for HU level visibility into cold chain and map-based tracking of shipments

✓ Increased revenue recognition through reduced shipment/storage losses and increased on-time delivery

✓ Greater compliance through availability of quality records and quality certificates for regulatory authorities

✓ Real time alerts provide automated system notifications and email triggers and SMS alerts

✓ Greater customer satisfaction through on-time and certified product delivery and consistent quality

✓ Reduced operational costs by pro-active alerts and action triggers and reduced product and logistics losses

IoT	• Map-based tracking • Action triggers providing real time alerts
Core SAP	• SAP S/4HANA • SAP Fiori
Analytics	• Real time data

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