

## Live Enterprise - Cold Chain Logistics

### Function:

Supply Chain, Logistics

### Processes:

Warehousing, Delivery, Transportation

### Industry:

Consumer & Industrial Products (C&IP) - Food and Beverage; C&IP – Consumer Products; Healthcare & Life Sciences

### Business Driver

#### Cold supply chain industry challenges include

- Losses incurred on account of temperature excursions
- Necessity for improved operational efficiencies
- Non-compliance due to lack of tracking
- Maintaining stringent goods distribution practice norms



### Solutions Overview

The global cold supply chain market is expected to grow at a compound annual growth rate of 13.9% by 2020. But losses from temperature excursions can cost as much as 20% of revenues. Our solution can enable reliable real-time monitoring and historical analytics by recording critical environmental parameters for cold chain products. That 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
- SAP 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 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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