

### Interesting Facts & Figures

- Only 50% of vaccines will reach their destination in an effective state
- For every 2 medicines shipped, 1 is shipped though cold chain.
- **30%** of scrapped sales Pharma attributed to logistics
- Approximately **\$53 billion** worth of global biopharma products is at risk of temperature excursions every year
- Actual product losses is calculated at **\$35 Billion** per year

### Benefits:

- Product Integrity (Auditable Trail)
- Regulatory Compliance (Customs, ISO, & GDP/GMP)
- Shipment Security (temper evidence)
- Automated Documentation (eliminate papertrail)
- Claims Facilitation
- Optimized Processes
- Suitable for ambient, chilled and frozen
- ...End to End Solution covering all cold chain needs
- Cost savings of up to 30%

### Features:

- GAMP condition monitoring
- Temperature mapping (hot - cold spots)
- Real-Time handovers automatch with Critical Control Points/POIs
- Activity Based Cost transparency
- Configurable thresholds and automated multi level notifications
- Digital POD (proof of delivery) + Auto-billing
- Geo-Fence automation
- Continuous Real-Time Alerts
- Dock/yard and route optimization



Pharma (Medicine, Vaccine, Blood) + Specialty Chemicals + Perishables (Fresh Fruit)

Also: Dairy, Chocolate, Seafood, Ice cream, Meat & poultry, Frozen foods & Vegetables