

**CASE STUDY: INTRA-EUROPEAN HIGH VALUE
PHARMACEUTICAL TRANSPORTATION**



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SITUATION

A large pharmaceutical company required a dedicated transport solution to move extremely high-value pharmaceutical products valued at 60 million USD between Ummendorf, Germany & London, United Kingdom. The temperature profile of the product required a constant +2° to +8°C environment with a set point of +5°C.

SOLUTION

LifeConEx partnered with DHL Freight to develop a solution that would provide constant visibility and high security through the following procedures:

- Trucking coordination – Agreement reached to have multiple truck drivers for additional oversight and communication
- GPS incorporation – Frequency of collecting GPS (location) data was set to receive every 30 minutes
- Online Monitoring – Real-time tracking via the LifeConEx online platform, LifeTrack, allowed for complete visibility when combined with LifeConEx Process Management
- Security Process – Included the implementation of truck and container sealing procedures to ensure that the truck was closed by the shipping entity and opened by the receiving entity

RESULT

The shipment was ultimately transported within the specified timeframe, and experienced no temperature deviations or issues of security breakdown.

SUCCESSFUL PARTNERSHIP

- ▶ LifeConEx, and DHL Freight combined strengths

LifeConEx Process

- Customer Consultation and Solution Design
- Shipment Process Management



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► LifeConEx, and DHL Freight combined strengths (Continued)

- Post-shipment analysis and process improvement

DHL Freight

- Fastest transit time
- White-glove service at origin and destination
- Dedicated team drivers
- GPS / On-line monitoring along transportation routing
- Security and Contingency planning and a Dedicated routing

Customer requirements and device details:	Information to be provided by Customer
Customer-- Device ID: 26096 -- read every 30 min record every 2hours	LifeConEx
Loading Location where device will be attached to container	Vinhedo, SP, Brazil
Unloading Location where device will be removed from container	Jeddah, Saudi Arabia
Container type	40' reefer container
Device type	Sentry 400 FlightSafe
Mounting type	N/A
Communication network(s)	GSM/GPRS
Frequency of collecting GPS (location) data	Every 2 hours
Frequency of standard reporting (on land)	Every 2 hours
Frequency of standard reporting (on water)	N/A
Frequency of exception alerts monitoring (e.g. temperature excursion)	30 minutes
Alert notification	Via email to defined users list
Temperature (C or F) monitoring, threshold required	+3°C to +7°C
Humidity (%) monitoring, threshold required	Not Supported
Pressure (hPa) monitoring, threshold required	Not Applicable
Acceleration (g) monitoring, threshold required	N/A
Light monitoring, threshold required	N/A
Security (door open) via tamper cable required (Y/N)	N
24/7 round-the-clock monitoring required? (Y/N)	N
GPS Device assigned to container:	
Device serial number:	26096
Web portal URL:	https://www.smartensor-temperature-test.dhl.com/oceanfreight/login.jsp

ABOUT LifeConEx

LifeConEx offers peace of mind as the only industry-specific, end-to-end cold chain management solutions provider for the life science industry worldwide. With oversight of the entire global landscape, LifeConEx designs and orchestrates the shipment process end-to-end proactively and reactively, assuring the integrity of your product's desired condition. You experience shorter cycle times, a reduction in temperature excursions, and far fewer damages than typically experienced by shippers. LifeConEx it & Live your Life.

LifeConEx is supply chain party neutral (airlines, forwarders, truckers, packaging, and technology).