

# Condition Monitoring for national DHL Pharma Distribution Network

## Condition monitoring

**STATUS** **PRODUCTIZED** 

**CUSTOMER** DHL eCS | Europe

**TECHNOLOGY** **Customer Portal:** DHL IoT Portal  
**Transmission:** NB-IoT / LTE M | **Hardware:** Elpro Libero GF – Temperature Logger



### CHALLENGE

- DHL eCS Europe country division requires seamless real-time visibility on defined temperature ranges in the vehicles running in their national network
- Require pharmaceutical complimented solutions



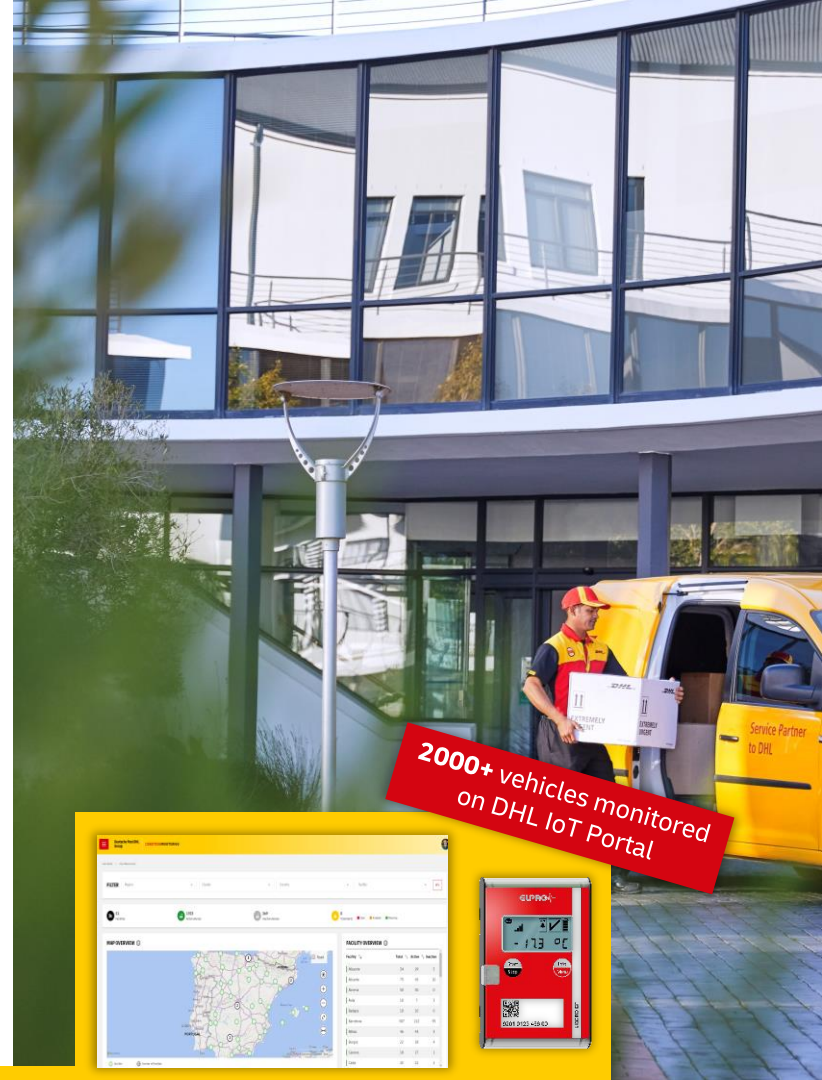
### SOLUTION

- Temperature control with fully pharma compliant 2000+ devices
- Recording every 15 min as well as automated alerts and reports to facilities (50+ facilities in the network)



### BENEFITS

- ✓ Visibility and control of shipment conditions in one DHL system
- ✓ Enables prompt intervention in case of temperature breaches
- ✓ Advanced analytics through personalized reports
- ✓ Data integration via API to DHL IoT Portal



2000+ vehicles monitored on DHL IoT Portal

