

Generating visibility on temperature controlled COVID-19 vaccine shipments

📦 Shipment monitoring 🌡️ Condition monitoring

STATUS PRODUCTIZED 
CUSTOMER DHL Global
TECHNOLOGY **Customer Portal:** Supplier
Transmission: Passive QR-code | **Hardware:** Supplier



CHALLENGE

- mRNA vaccines require special handling like strict -70°C temperature regime



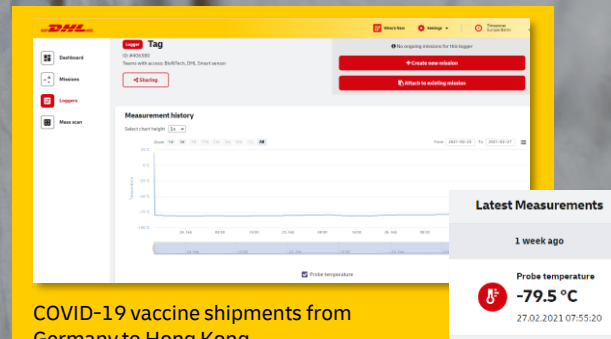
SOLUTION

- Passive monitoring with Dry Ice capable external probe to measure temperature in boxes
- Transmission via scanning of e-ink QR code with any smartphone/scanner using camera app



BENEFITS

- ✓ LSHC compliant delivery of COVID-19 vaccines
- ✓ Low cost + No Infrastructure needed
- ✓ Does not require airline approvals
- ✓ Access all the data on the platform



COVID-19 vaccine shipments from Germany to Hong Kong