

SPECIALIZED CAPITAL EQUIPMENT VISIBILITY & TRACKING



Protecting high-value goods in the semiconductor industry

High-value, sensitive capital equipment for the semiconductor industry requires specialized high-security handling, transportation, and monitoring. A smooth and safe journey from end to end takes meticulous preparation and full control.

TYPICAL BUSINESS CHALLENGES

- Accessing specialized handling equipment
- Ensuring environment-controlled transportation
- End-to-end lane monitoring & coordination
- Maintaining standard operating procedures
- Reporting & investigating damage in a zero-defect culture



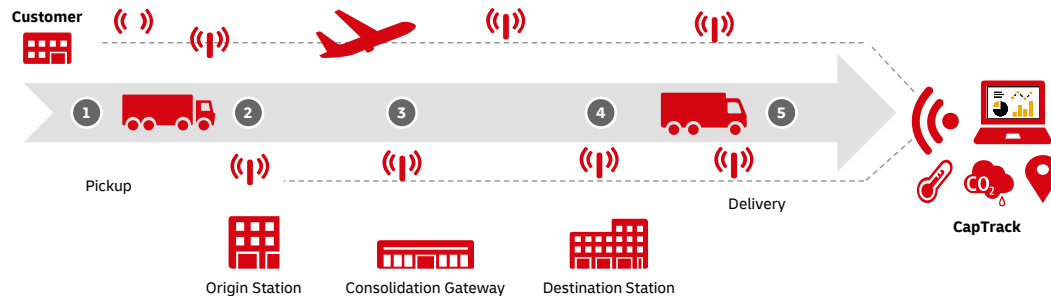
DHL SOLUTION

Internet-of-Things (IoT) devices deliver location and condition visibility; a global control tower provides 24/7 monitoring and reporting; and in each country DHL delivers specialist expertise and supervision. A web-based dashboard and mobile app enable real-time tracking and proactive alerts.

SOLVING YOUR BUSINESS CHALLENGES

- ✓ **Accessing specialized handling equipment** – For equipment handling, moving, lifting, and loading
- ✓ **Ensuring environment-controlled transportation** – Full visibility; track temperature, humidity, shock, tilt, location, light, and climate control across all transportation modes; air-ride vehicles
- ✓ **End-to-end lane monitoring & coordination** – Proactive alerts; route planning; loading instructions; strict supply chain security protocols
- ✓ **Maintaining standard operating procedures** – For each lane, SOPs for implementation, maintenance, and digitalization
- ✓ **Reporting & investigating damage in a zero-defect culture** – Managing events; risk assessment and mitigation plan; eight-disciplines-of-problem-solving (8D) reporting

SAFE, SECURE MOVEMENT OF SEMICONDUCTOR CAPITAL EQUIPMENT ACROSS A CITY OR AROUND THE GLOBE



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KEY BENEFITS FOR YOUR BUSINESS



EXPERTISE

24/7 DHL Global Competence Center; local intervention and supervision in each country



PEACE OF MIND

Risks minimized through specialized expertise, experience, and best practice



FULL VISIBILITY

IoT-based monitoring and reporting from end to end



STREAMLINED PROCESS

Customized SOPs and process compliance