

# MODE OPTIMIZATION



**Flexible, best-fit selection of transportation modes to ensure aircraft components and spare parts move from distant sources, arriving safely and on schedule**

Aerospace and aviation organizations may want to optimize transportation modes for a variety of different reasons, such as balancing speed and emissions with costs – all while maintaining visibility and security. DHL can help advise which modes offer the most suitable solution in a range of scenarios.

## TYPICAL BUSINESS CHALLENGES

- Accessing & managing the best transportation modes
- Simplifying processes, enhancing capacity, managing costs
- Keeping a close eye on shipment status
- Maintaining in-transit security
- Ensuring items arrive on time
- Reducing environmental impact



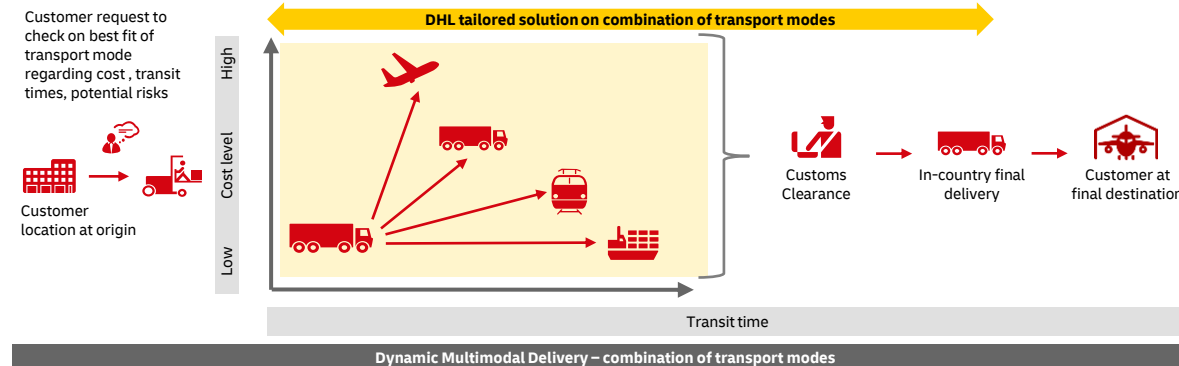
## DHL SOLUTION

DHL delivers end-to-end, integrated supply chain management for multiple stakeholders via our operations, from consultation up to and including control tower management. Decision making is centralized and standardized across every location, with shipment visibility data available in near real time.

### SOLVING YOUR BUSINESS CHALLENGES

- ✓ **Accessing & managing the best transportation modes** – Best-fit mode selection; pros and cons of air, ocean, road, and rail (where applicable); flexibly combine various modes; single door-to-door rate structure
- ✓ **Ensuring items arrive on time** – Reliability on all modes; fixed arrival and departure times; high frequency; stable lead times; expert route planning; customs clearance; backup solutions
- ✓ **Simplifying processes, enhancing capacity, managing costs** – Seamless integration of services/modes managed by one partner; tackle seasonal peaks and capacity shortages; utilize most cost-efficient modes - dependent on time requirements and risk factors
- ✓ **Maintaining in-transit security** – Physical security on wide-gauge route; radio-frequency identification (RFID) and rail platform monitoring (twice a day); all trucks equipped with GPS; model selection to reduce risk (eg, avoid natural disasters, piracy or theft)
- ✓ **Keeping a close eye on shipment status** – Traceability; daily cargo location updates; track-and-trace system; continuous information on shipment status
- ✓ **Reducing environmental impact** – Significant reduction in CO2 emissions: ocean versus air; sustainable aviation fuel (SAF)

### ENSURING ASSETS MOVE FROM DISTANT SOURCES, ARRIVING SAFELY AND ON SCHEDULE



## MODE OPTIMIZATION



### KEY BENEFITS FOR YOUR BUSINESS



#### BALANCE

Selection depends on all factors: cost, transit time, potential risk, and carbon footprint



#### COST & CO<sub>2</sub> SAVINGS

Using the optimal mode or combination of modes



#### NEW OPPORTUNITIES

Discover attractive alternatives



#### SIMPLIFICATION

Ease of doing business through fewer or just one shipping partner