



Case study

Reliable multimodal high-tech shipping

What does it take to reduce logistics costs and emissions for high-volume tech cargo without compromising reliability? Our tailored air-sea solution made it possible—here's how it worked.

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Customer: A leading high-tech company with a broad cloud services portfolio.

Challenges:

- Moving large volumes from Southeast Asia to the U.S.
- Frequent airfreight shipments
- High transportation costs
- Significant logistics-related carbon footprint
- Long lead times if using ocean freight

Solution: A multimodal air-sea routing, ensuring a reliable journey, substantial cost savings, and major CO2 reductions.



Scope of work

Managing frequent high-tech deliveries requires more than just capacity; it calls for strategic logistics planning that balances cost and sustainability while ensuring reliability. Faced with high air freight costs and growing pressure to reduce carbon emissions, our client needed a dependable solution that could scale with their volume.

We provided a solution through our established air-sea service, starting with select high-volume lanes. To support this shift, the client adapted their planning to accommodate slightly extended lead times. Here's how we ensured a smooth and efficient transition from full air freight to a hybrid model:

- Shipments were flown into Shanghai, where cargo was transshipped into ocean freight containers.
- Fast-boat connections from Shanghai to Los Angeles ensured consistent ocean transport.
- Final-mile delivery was completed via trucks from Los Angeles to distribution centers across North America.

Results

The client was able to significantly lower shipping costs and carbon emissions while maintaining a reliable supply chain across high-volume trade lanes. We delivered on this because we:

- Transitioned the routings gradually to a multimodal setup
- Enabled full shipment visibility and milestone tracking through myKN, ensuring transparency and control
- Supported supply chain planning with predictable schedules and proactive communication
- Provided consistent transit times of 21–25 days, balancing speed, cost-efficiency, and sustainability
- Achieved \$1.46 million in transportation cost savings and a 76% reduction in greenhouse gas output within six months

This approach, backed by our global network and digital tools, empowered the client to achieve substantial transport savings and an annual reduction of approximately 11,790 tons in greenhouse gas emissions, all while maintaining performance.

Looking for a semiconductor logistics solution that reduces costs and carbon footprint, while keeping your deliveries on schedule?

→ Contact us today to find out how our Sea-Air services can optimise your high-tech supply chain.

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