

Info sheet

Logistics management at the speed of quantum

Unisys Logistics Optimization™

Enter a new dimension in supply chain management where quantum computing power intersects with your logistical needs. Unisys Logistics Optimization™ harnesses advanced quantum-enhanced AI and analytics to transform complex data into strategic advantage, enabling accelerated, informed decision-making.

Tailored for airlines, ground handlers and third-party logistics (3PL) companies, this solution offers rapid analysis of extensive data sets, providing real-time insights for effective loading, routing and managing unexpected challenges. Explore the following use cases to see how you can transform capacity planning and shipment routing to maximize efficiency and profitability, all while ensuring punctual deliveries.

Capacity planning

Deliver optimal build plans: Fill every nook and cranny of your pallets and containers. Analyze millions of data points and create intelligent load plans so your team can stay compliant, reduce shipment damage and maximize capacity on every container and vehicle.

Respond swiftly to disruptions: Exceptions happen. But don't let them affect your bottom line. Capture exceptions and dynamically rebuild containers in near-real-time. This way, you manage lost packages and overweight shipments efficiently without impacting compliance, asset utilization or on-time performance.

Shipment routing

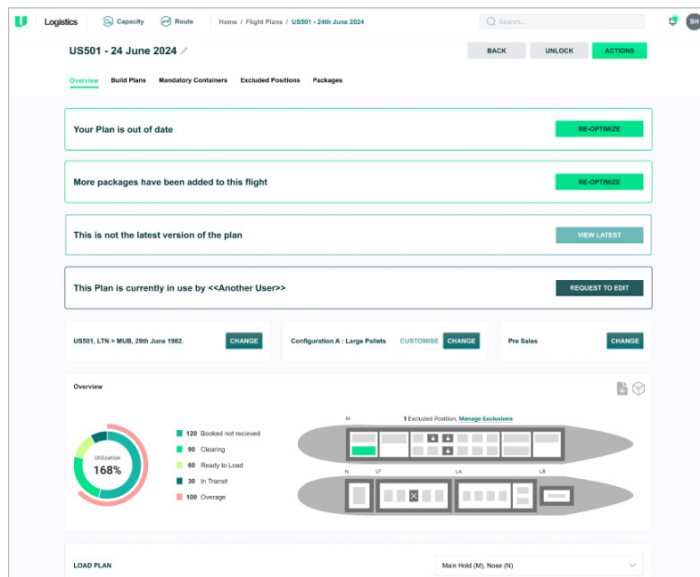
Route shipments with maximum margins in mind: Whether you prioritize low shipment costs or on-time performance, route shipments more efficiently by analyzing shipment details, weather data and historical trends to meet your most important KPIs.

Increase adaptability and flexibility: Seamlessly reroute shipments when disruptions and cancellations occur. Rebuild fewer pallets and eliminate cargo damage to help ensure cargo moves efficiently.

How Unisys Logistics Optimization works

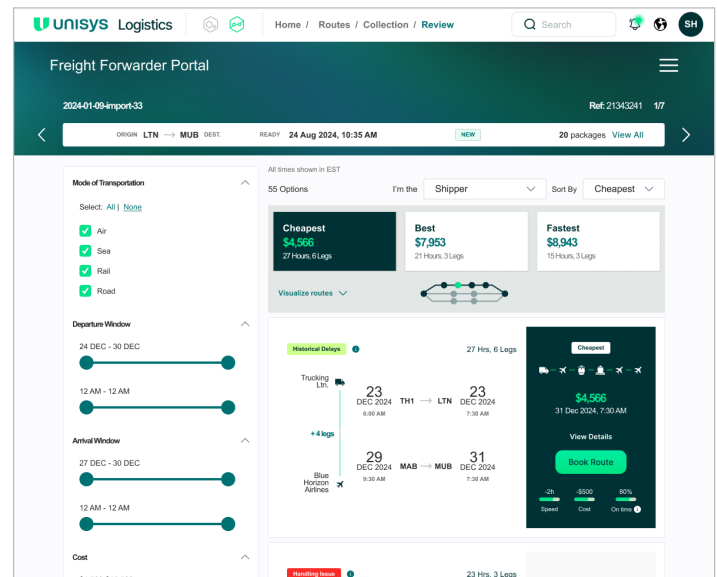
Capacity planning:

1. Select vehicle and the departure date and time.
2. Review vehicle load plans and container build plans.
3. Begin building and loading your shipments.
4. Reconfigure plans in real-time when exceptions occur.



Shipment routing:

1. Input shipment details. Add dimensions and start and end locations — or upload multiple shipping requests via CSV file.
2. Review and book preferred routes and modes.
3. Rebook shipments in real-time when exceptions occur, thanks to proactive status monitoring.



“Our collaboration with Unisys represents part of MASkargo’s digitalization journey by employing the use of quantum computing, artificial intelligence and machine learning to optimize processes, supporting network planning and ensuring reliable, clear communication of accurate information.”

- Mark Jason Thomas, CEO, MASkargo

Be at the forefront of logistics innovation. [Visit us online](#) or [contact us today](#) to learn more.



[unisys.com](https://www.unisys.com)

© 2024 Unisys Corporation. All rights reserved.

Unisys and other Unisys product and service names mentioned herein, as well as their respective logos, are trademarks or registered trademarks of Unisys Corporation. All other trademarks referenced herein are the property of their respective owners.