

Total Transportation Management

Simplifying logistics to deliver life science products on time, in full, and at temperature

The transportation of life science shipments presents unique logistical challenges. Patient pools have expanded, often to remote locations around the world. In addition, the growth of biologics has added complexity to the supply chain due to cold chain handling, storage, and distribution requirements.

Total Transportation Management manages the complex supply chain processes required to move all types of life science shipments, from manufacturing APIs, IMPs, comparator medications, and ancillaries through to commercial goods, both internationally and within the country of destination. Logistics specialists and our teams of in-country experts can mitigate risk across your supply chain by simplifying the complexity associated with transportation planning and monitoring, thus optimizing both transportation performance and efficiencies.

Total Transportation Management can help with your most pressing logistical challenges



01

Coordinating the movement of goods from manufacturing locations and clinical distribution centers to investigator sites and patients' homes



02

Understanding the latest packaging solutions to ensure safe and reliable transport



03

Tracking temperatures from the point of origin through to the distribution/investigator's site



04

Optimizing transportation spend by selecting the best mode and supplier for each trial destination point



05

Managing the import/export process to ensure the customs clearance process does not introduce an unmanageable delay

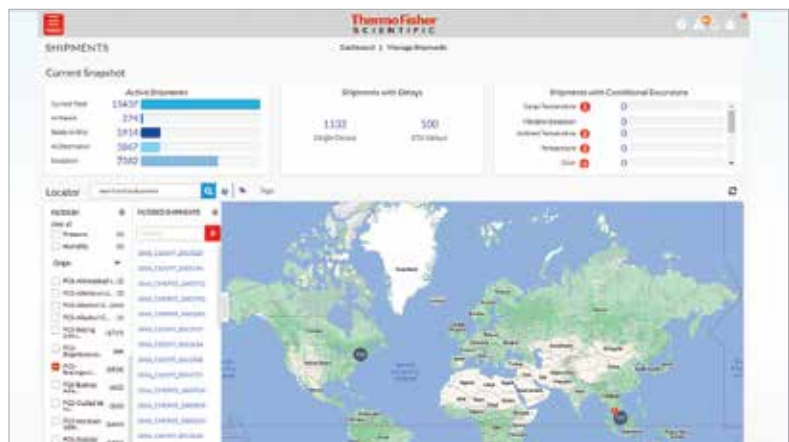
Delivering on time, in full, and at temperature

Leveraging decades of experience in logistics and cold chain management, Total Transportation Management service delivers life science shipments to their final destinations on time, in full, and at temperature.

Courier selection and management	Customs and regulatory guidance and facilitation	Cold chain supplies management	Global quality management systems	Data objective monitoring and reporting
<p>Start</p> <p>The most effective shipment mode and courier are selected based on client needs</p> <p>Life science shipment point of origin</p>	<p>A team of dedicated logistics experts and provide oversight</p>	<p>Controlled ambient (15°C to 25°C)</p> <p>Refrigerated (2°C to 8°C)</p> <p>Frozen (-20°C)</p> <p>Dry ice (-80°C)</p> <p>Ultracold (LN2)</p>	<p>Comprehensive program under the oversight of Thermo Fisher Scientific Global Compliance</p>	<p>Real-time data sent to global logistics help desk electronically</p> <p>Final destination consignee</p> <p>Finish</p>
<ul style="list-style-type: none"> Monitor on-time performance to show trends across couriers (20+ couriers across 120+ countries) All couriers monitored by global logistics help desk Courier is chosen based on quality, performance, and service efficiencies Ability to optimize costs through mode optimization 	<ul style="list-style-type: none"> Up-to-date regulatory advice and knowledge Expertise in emerging markets Guidance on import/export documentation Importer of Record facilitation in 25+ countries Smooth customs clearance to avoid delays Local presence, in-country expertise 	<ul style="list-style-type: none"> Active and passive shipper solutions Prequalified passive shippers Reusable shipper programs at global scale Sophisticated tracking and monitoring solutions Optimized transportation and reverse logistics strategies 	<ul style="list-style-type: none"> Global quality and logistics experts, highest quality standards Quality-vetted supplier/provider network Robust standard operating procedures Tracking and reporting of key performance indicators 	<ul style="list-style-type: none"> Courier performance monitoring across all shipments, by client, by lane Proactive track and trace of all shipments Real-time reactions to save shipments at risk from delays or closures Worldwide network of experts who provide coverage in all languages and alerts of changes in regional transportation conditions

Understanding where your shipment is at all times can help alleviate concerns associated with clinical trial logistics. That's why we offer an enhanced tracking platform to allow you visibility of your precious cargo.

The Total Transportation Management enhanced tracking platform provides you with 24/7 access to and visibility of your shipment. In addition, our team is continuously monitoring your shipment progress so that they can proactively intervene and resolve any shipment issues.



Let us simplify your logistics with Total Transportation Management. Contact your local Thermo Fisher Scientific representative to learn more.