

Clinical Supply Optimization Services (CSOS)

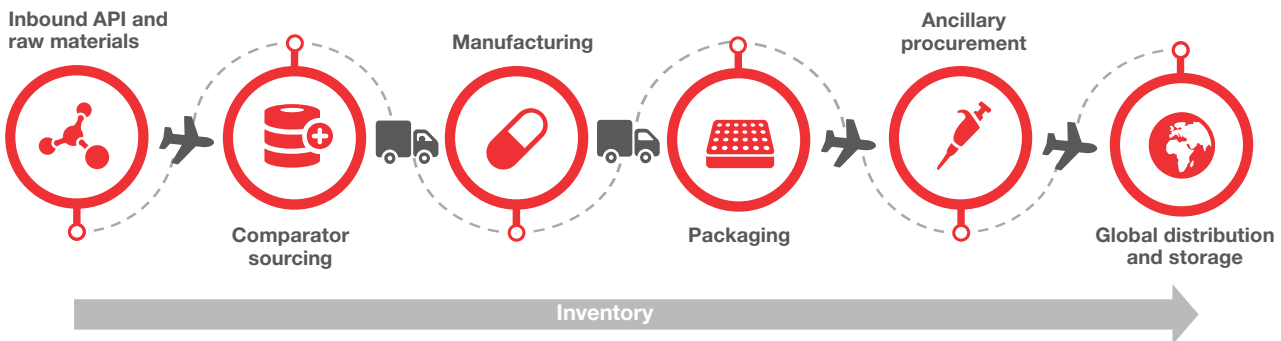
Optimizing your clinical supply chain every step of the journey

Clinical trials are increasing in complexity as they expand into multiple emerging regions under tighter regulatory limits and use study drugs that are more expensive and temperature-sensitive. It's clear that the stakes and challenges have never been higher.

A supply chain safety net is becoming increasingly necessary in today's uncertain world. Advanced forecasting simulation tools build the foundation for a robust clinical supply strategy and execution process. Take the necessary steps to help your company deliver your drug to the right place at the right time, every time, by leveraging our experience to reduce the risk of supply chain interruptions.

Identify risk: Where is your supply chain vulnerable?

Mapping your supply chain



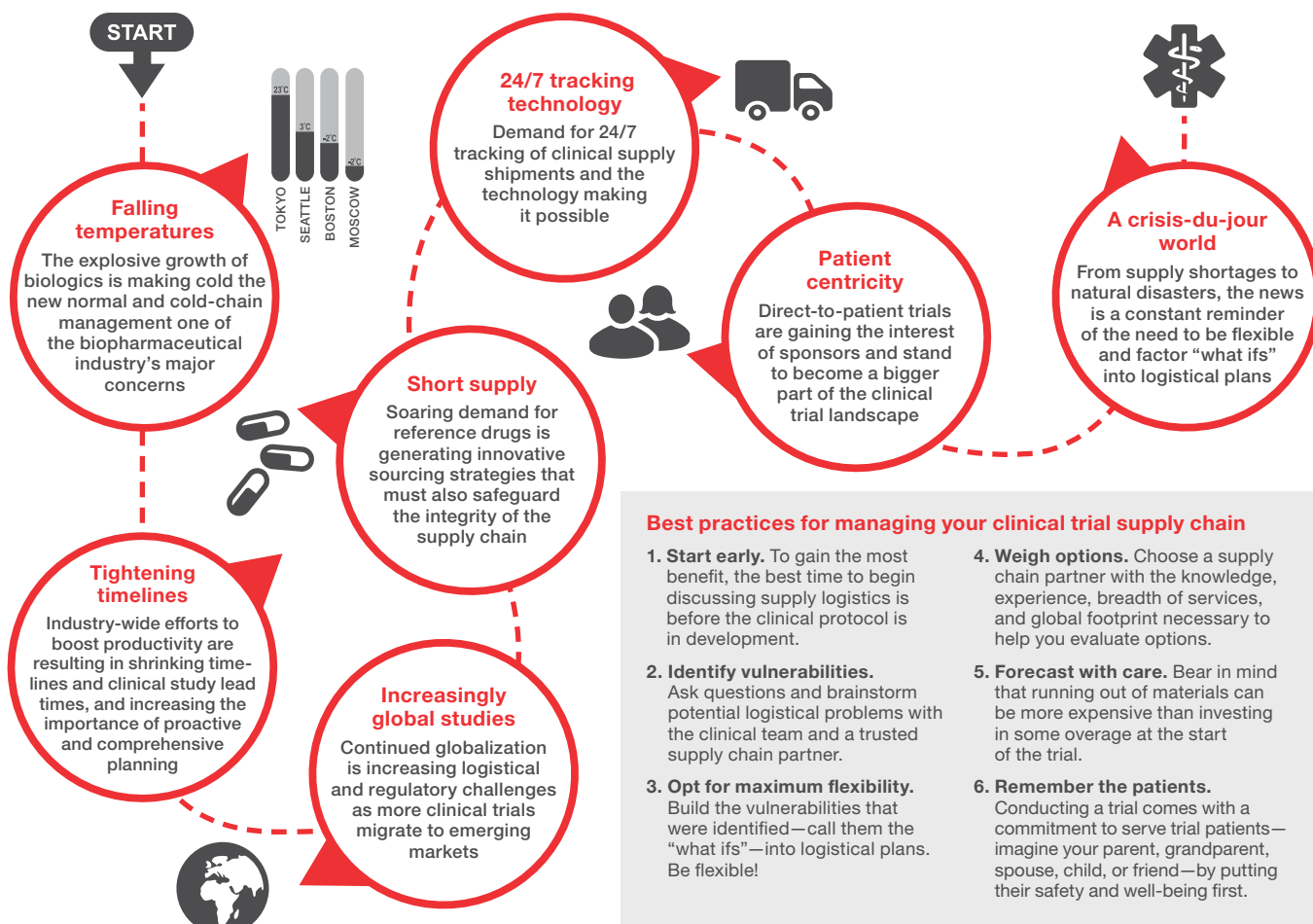
Lack of continuity among vendors can introduce higher risk across the supply chain

Mapping and risk-assessing your supply chain to understand your vulnerabilities can greatly reduce the risk of supply chain interruptions.

Clinical Supply Chain Optimization Services focus on streamlining and optimizing your supply chain using state-of-the-art tools and an extensive global network. They work collaboratively with manufacturing, packaging and labeling, planning, and distribution partners to deliver a documented clinical supply strategy, overseeing support and ongoing execution, forecasting, inventory management, distribution, resupply, returns, and destruction over the entire clinical trial.

Strategy and planning	Execution and refinement	Enrollment and maintenance	Closeout
<ul style="list-style-type: none"> Supply and logistics strategy Expiry management plan IRT medication management 	<ul style="list-style-type: none"> Refined simulation Supply plan Manage master project plan Support master English label text Initiate and approve material kit list IRT user acceptance testing Develop and approve packaging summaries Initiate and approve depot setup Plan and verify initial site and depot shipments 	<ul style="list-style-type: none"> Update forecast and simulations Plan depot stock Manage site inventories Optimize IRT settings Manage expiry strategy Plan resupplies Temperature excursion management 	<ul style="list-style-type: none"> Returned goods Reconciliation Plan for inventory destruction Assist with closeout documentation needs for Trial Master File (TMF)

When it comes to clinical supplies, the journey is every bit as important as the destination



**Set up your clinical supply strategy and risk assessment today.
Contact your local Thermo Fisher Scientific representative to learn more.**