



TOWER
Cold Chain

Robust Reliable Reusable

towercoldchain.com





"Tower Cold Chain Solutions is the essential link in the stability of your cold chain. Our innovative containers and dedicated customer service team maintain the cold chain, preventing shipments being spoiled or delayed, and delivering temperature sensitive products to patients on time and budget.

We provide temperature controlled solutions to the global pharmaceutical and life science industries and we have been working with businesses since 2007 to safeguard products. We understand what our customers and their markets need to create value within their supply chain. It is our vision to be the number one cold chain shipping container of choice. By collaborating with our customers, Tower offers the best solution for their needs, whenever and wherever they are needed."

Niall Balfour, CEO Tower Cold Chain



Our Vision

To be a provider-of-choice of temperature-controlled solutions to the global pharmaceutical and life science industries



Our Mission

To be a dynamic and profitable company that creates value for all its stakeholders through innovation, regulatory compliance and sustainability.



Our Culture

- Customer focused
- Reliable performance
- Relationship orientated
- Ambitious
- Competitive
- Integrity
- Problem solving



Why choose Tower?



Robust: Ensuring product integrity for your patients

Tower delivers proven physical and temperature protection for pharmaceutical and life science products. Our containers are designed to perform in all supply chains, regardless of the transport type or environment. The innovative internal and external structural design of our containers means your products will be transported without the need for in transit manual intervention.



Reliable: Delivering pharmaceuticals to patients when and how they need them.

Data downloaded from over 15,000 shipments has demonstrated fewer than 0.1% temperature excursions on average, a vital indicator in the maintenance of the cold chain. We achieve this by providing a reusable container that delivers the correct performance for every shipment. Our team focuses on delivering a consistent customer outcome whatever the location.



Reusable: Efficient and effective results for our global customers

All parties in the cold chain have a role to play in sustainability. We see ours as providing a reusable, cost effective solution that contributes to customers' circular supply chain ambition. Customers value our long term lease containers and supply chain flexibility.



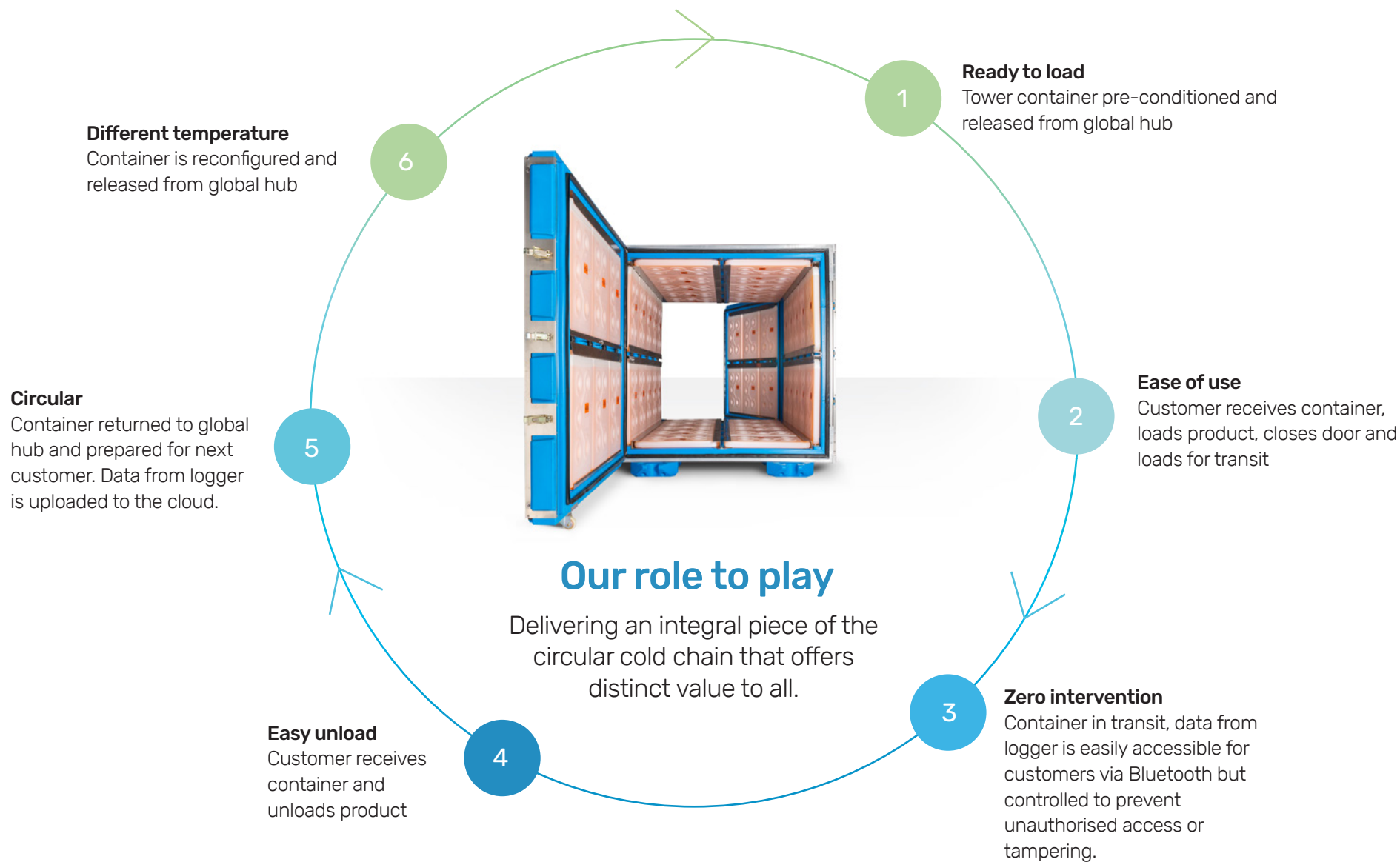
Quality and Regulatory Compliance: **Proven results to meet supply chain requirements**

Tower's expert team, supported by a centralised quality management system, reinforces customer confidence that our shipping facilities will meet requirements throughout the supply chain. All our solutions meet the pharmaceutical industry performance standard, providing a minimum of 120 hours temperature compliance in any environment, anywhere in the world. Performance data demonstrates fewer than 0.1% temperature excursions.



Innovation: Delivering value through customer focused innovation

Tower cold chain recognise the role we play in working with our stakeholders to move from a linear supply chain to a circular one. Providing a solution that supports our mutual ambition of waste reduction through reusability keeping our containers in use for longer reducing the need for disposal and recycling of temperature controlled packaging.



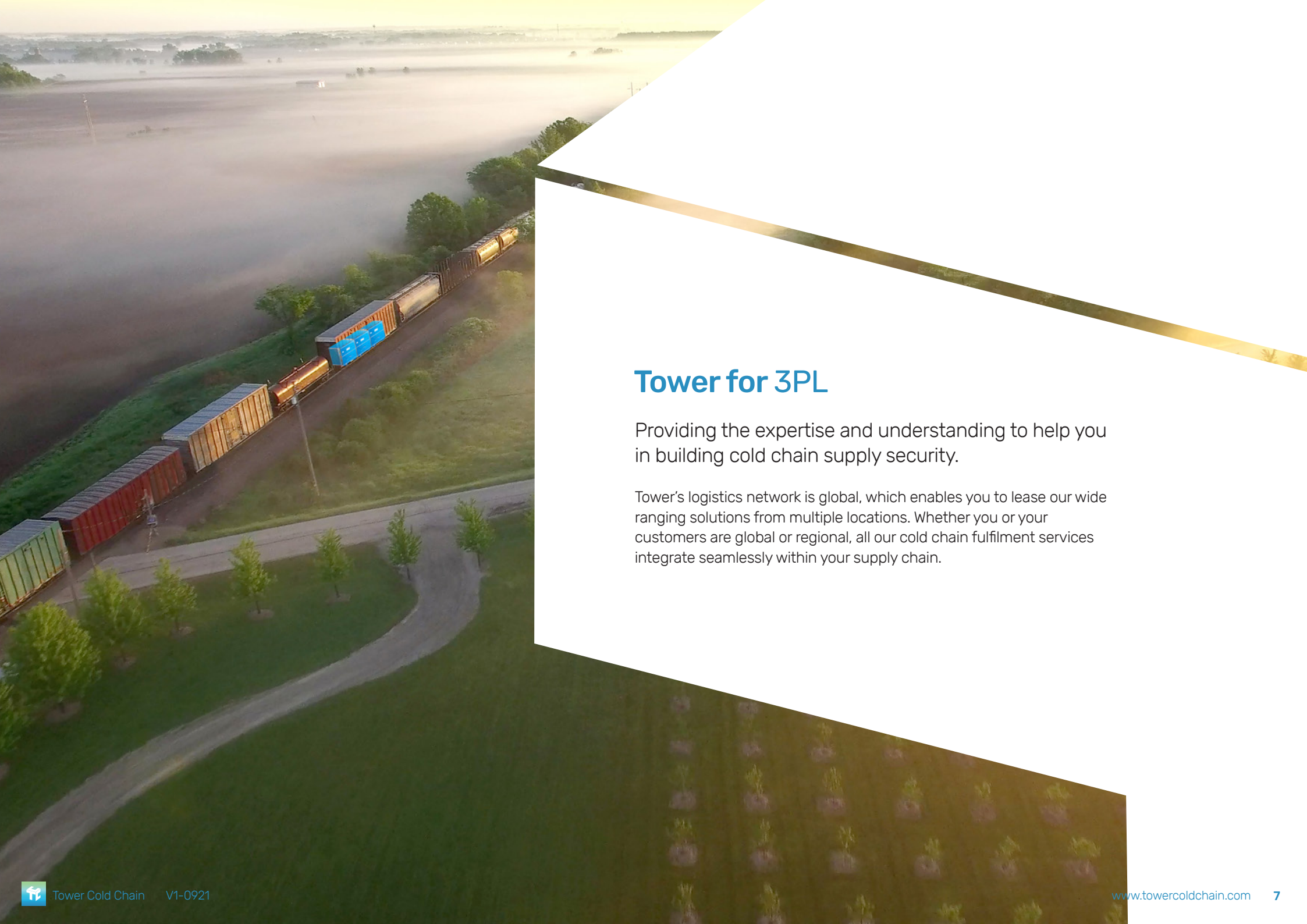
Tower for Pharmaceuticals

Reliable product delivery to patients in challenging environments.

The Tower team of experts works with your regulatory and quality teams to meet your product protection requirements. Our range of cold storage shipping containers meets the needs of the pharmaceutical product lifecycle... from discovery and development through to final product.

We understand that your supply chain is complex and often cross-geography. Our containers are designed to be used for all stages of that process.





Tower for 3PL

Providing the expertise and understanding to help you in building cold chain supply security.

Tower's logistics network is global, which enables you to lease our wide ranging solutions from multiple locations. Whether you or your customers are global or regional, all our cold chain fulfilment services integrate seamlessly within your supply chain.



Tower for Airlines

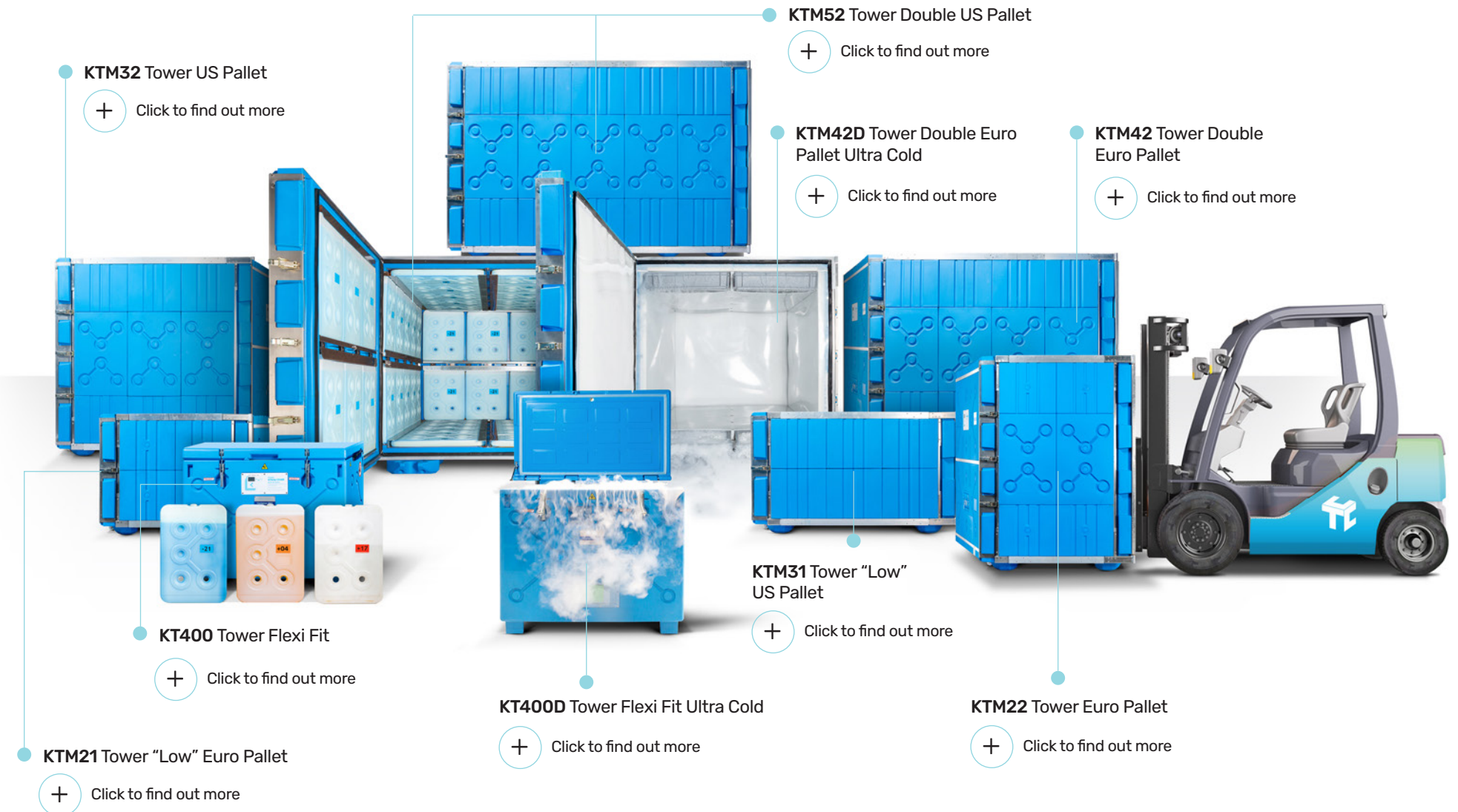
Supporting you in developing efficient circular supply chains.

Tower's cold chain shipping containers integrate with our customers' airside processes and, thanks to their ease of use, eliminate complexity for your handling agents and teams. Our local teams understand the time sensitivity and flexibility required to meet your customer's air cargo needs. Our global network means greater availability and flexibility for airline customers to lease our cold chain shipping containers.



The Tower range of cold chain containers

A range of solutions designed to meet all your challenging supply chain needs





Why our containers?



Integrated Data Logger

Data loggers are built into all Tower containers, logging internal temperatures from -95°C (-139°F) up to 50°C (122°F). Users can get text or email notification of temperature excursions, as well as automatic data downloads throughout the transit (in-flight excluded) from loggers within range of the CX Gateway device. The loggers are built to FDA, USP, EU and WHO standards.



Product Testing

Tower containers are designed to be used all year round to all destinations using one packaging instruction – avoiding extra levels of complication and uncertainty within either validation or operational control.



Global Availability

Tower's global network operates common processes and standards delivering consistency for customers. The network offers customers access to the complete range of Tower's products with a local team of experts available to understand specific customer needs: this ensures that Tower delivers, where and when needed.



Circular Solution

Tower cold chain recognise the role we play in working with our stakeholders to move from a linear supply chain to a circular one – providing a solution that supports our mutual ambition of waste reduction through reusability keeping our containers in use for longer reducing the need for disposal and recycling of temperature controlled packaging.



Tower containers are ideally suited for the bulk transportation of

Life Science Products

- All vaccines, including C19 vaccines and ABIs
- API & diagnostic kits
- Biopharmaceutical solutions
- Diagnostics specimen samples
- Cell lines bacteria
- Micro organisms
- Proteins and other samples and solutions
- Clinical trial products
- Any other pharma or life science product requiring a stable temperature environment for transportation

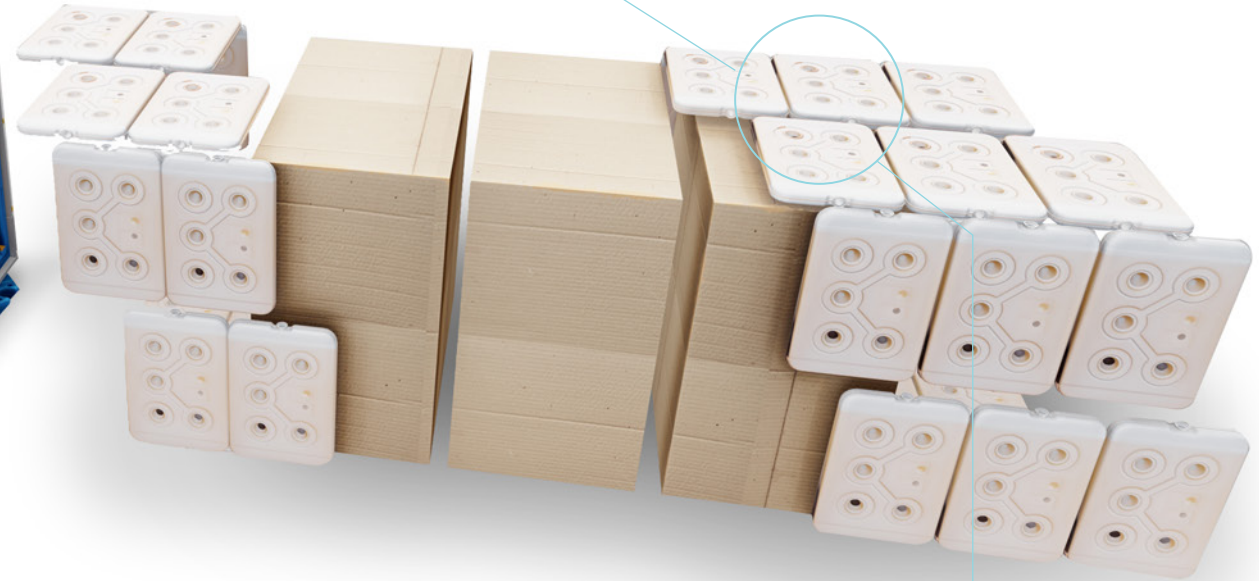
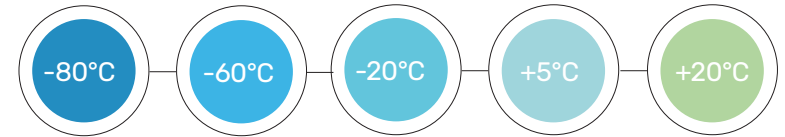
Key features

- Double door load system provides ease of use and fast loading capability*

*Not applicable to the KT containers.

- 120+ hour product protection for -20°C to +20°C (-4°F to +68°F) using phase change technology

94 hour product protection for -80°C (-112°F) to -60°C (-76°F) using dry ice



- Fully reusable solution providing significant environmental advantages over disposable and semi reusable systems

No human or manual intervention required during transit

- Can be pre-conditioned using phase change technology or dry ice** providing simple load, lock and delivery process

**Dry ice solution available with the KT400D and KTM42D

Global availability and support

Our global network uses common processes and standards to deliver consistency for our customers. You will have access to the complete Tower range with a local team of experts to understand specific customer needs. This means we can deliver where and when required.

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