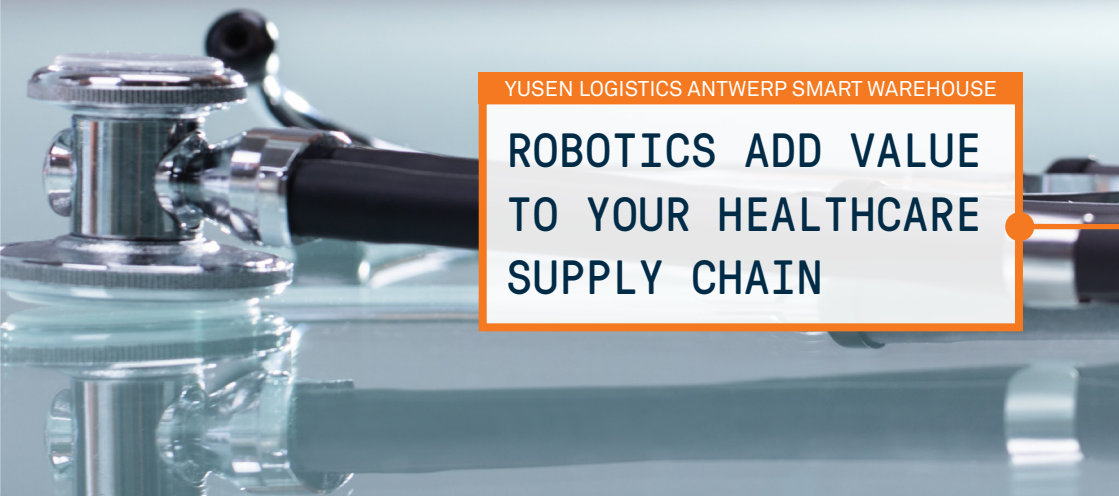


YUSEN LOGISTICS ANTWERP SMART WAREHOUSE

**ROBOTICS ADD VALUE
TO YOUR HEALTHCARE
SUPPLY CHAIN**





AND THE WORLD OF LOGISTICS INSIDE OUT

ABLE TO DELIVER INNOVATIVE END-TO-END SOLUTIONS

The reliable provision of medications and medical devices is of utmost importance to us. Yusen Logistics is developing industry-specific solutions that ensure your sensitive cargo is delivered safely and on time. We offer:

- A highly trained team of dedicated healthcare experts
- GDP licensed storage, specialised packaging, delivery and replenishment of finished drugs and equipment to distributors, hospitals, pharmacies and surgeries
- Our strategic control tower, which acts as a center of excellence managing global air and sea freight movements
- A full range of customs and fiscal representation services
- A truly European GDP-compliant and temperature-controlled transportation network - Pharmaceutical Super Highway
- Real-time tracking, full visibility of the entire supply chain
- Temperature-controlled storage and transportation (2°-8°C and 15°-25°C)
- Innovative solutions supported by our leading IT system





YOU NEED A TEAM THAT UNDERSTANDS HEALTHCARE

THE HEALTHCARE LOGISTICS INDUSTRY IS GETTING INCREASINGLY COMPLEX



Increased product requirements demand active temperature control and traceability



Security requirements and measurements against counterfeiting



Increasing pressure on cost optimization leading air-to-ocean conversion



Need for logistics strategies that align closer with commercial strategies



Outsourcing of warehousing, transportation and order-management services



Initiatives to move towards global logistics organizations

ALL THIS REQUIRES A CUSTOM SOLUTION FROM A DEDICATED TEAM

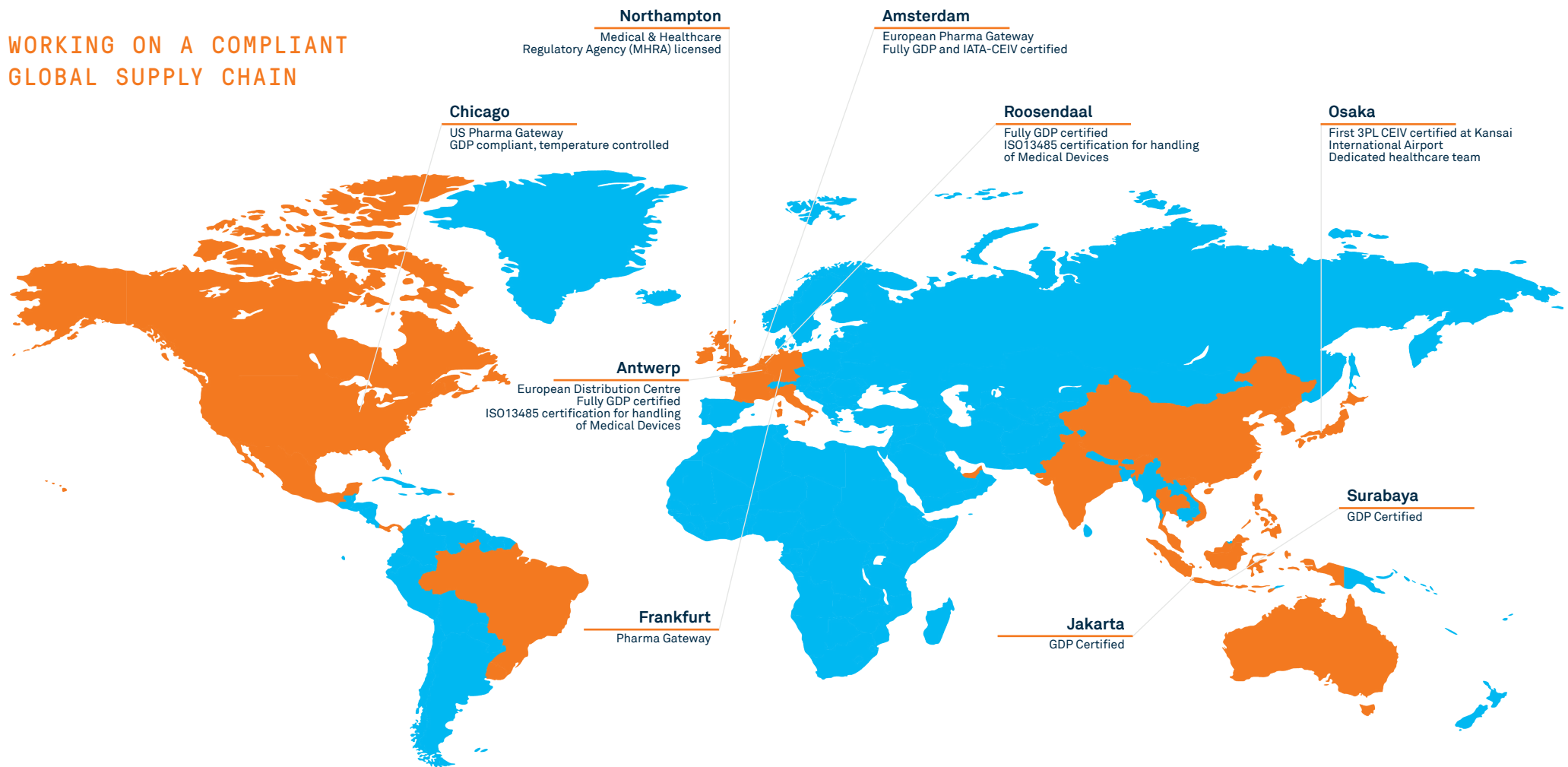
Working as an extension of your team, we deliver the highly specialized services you require at every stage of your supply chain. This means you can spend more time focused on your organization's core purpose.

By leveraging our innovative and extensive healthcare-specific services and solutions around the globe, we can transform your supply chain from an operational cost into a competitive advantage with full compliance.



YOU NEED SERVICE AND QUALITY
TO BE DELIVERED TIME AND TIME AGAIN

WORKING ON A COMPLIANT GLOBAL SUPPLY CHAIN





AT THE HEART OF EUROPE'S
PHARMA VALLEY

THE NEW HIGHLY AUTOMATED YUSEN PHARMA WAREHOUSE

Pharmaceutical companies will now have access to efficient logistics facilities, as Yusen Logistics adds a highly automated smart warehouse to its European operations. This GDP-certified facility will be located in Antwerp, Belgium, at the very heart of Europe's Pharma Valley. The new Yusen Logistics smart warehouse will operate almost completely autonomously: it will feature among others a narrow aisle racking installation with induction-driven, unmanned trucks that locate the correct pallet through sensor-controlled positioning.

The Yusen Antwerp smart warehouse features:

- Efficient, sustainable, and highly automated warehouse facilities
- Ambient temperature levels (15-25°C)
- Storage capacity of over 15,000 pallets
- Full compliance with the European GDP regulations for storage and handling of pharmaceutical products





ROBOTICS ADD VALUE TO YOUR PHARMA SUPPLY CHAIN



WAREHOUSE CHARACTERISTICS

The new robotized Yusen warehouse offers you:

- A very dense and therefore cost-effective storage solution
- A 24/7 operational warehouse that can be deployed flexibly
- Reliable operations allowing maximum throughput speed of pallets with minimum human error, reducing the risk of damage and accidents

The Benelux is the excellent entry point into Europe. With its deep sea mainport infrastructure (Rotterdam, Antwerp) and major European airports (Schiphol and Brussels), it connects within a range of 500 km to European markets of 170 million customers. One of the world's largest life sciences hubs, as Belgium is the second-largest pharma export country in the EU. It provides unique synergy between healthcare companies - highly developed R&D landscape and pushing boundaries for new treatments.

USING THE RIGHT MODES OF TRANSPORT



AIR FREIGHT, ROAD FREIGHT, OCEAN FREIGHT AND WAREHOUSING

To safeguard the patient's wellbeing, we carry out our logistics activities with care, dedication and responsibility. As a 3PL company, we cover the full spectrum of your supply chain: whether you are a pharmaceutical company or a medical device provider, we will ensure the proper handling and delivery of your products.

Our activities include:

- Temperature-controlled storage and transportation
- Industry-specific value-added services
- Cold chain logistics
- Full end-to-end visibility
- Multi-modal and specialized transportation



IT'S ABOUT CREATING VISIBILITY

YUSEN HEALTHCARE CONTROL TOWER

The Yusen Logistics European Pharmaceutical Super Highway, developed over the past 20 years, provides border-crossing temperature-controlled coverage on a truly pan-European basis. Wherever possible and acceptable, we offer the option of multi-client consolidation and shared-user transport. Within its pharmaceutical highway system, Yusen Logistics transports over 2 million pallets of pharmaceutical product per annum.

The haulers running our Pharmaceutical Super Highway have passed a strict qualification process. These qualified carriers, including 16 strategic carriers, are our partners who cover the network.

- High-level security locks - all FTL vehicles are sealed
- Real-time GPS and temperature monitoring
- Automatic email alerts
- Roof ID numbers
- GEO fencing of routes and risk areas
- GDP-compliant trailers with temperature mapping
- Euro 5/6 traction, EN12830 / EN13846 compliant
- Panic button as standard mobile secondary
- TAPA Level 5 drivers trained specific SOPs quality and security
- All hard-sided single deck / twin deck dual temperature trucks



WHY WORK WITH YUSEN LOGISTICS?

- Kaizen culture deeply rooted into all our processes
- Small enough to care. Big enough to cope.
- Global team of industry experts
- Fast response around the globe
- Global compliance standards
- Proven results in optimizing supply chains
- Environmental consciousness
- 24/7 visibility throughout the supply chain

Our team of experts is ready to help you optimise your supply chain.
Are you ready to get started?

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● [YUSEN-LOGISTICS.COM/ANTWERP](https://www.yusen-logistics.com/antwerp)

