Worldwide seamless cold chain management

Grapes from Egypt, tuna from Thailand, apples from Argentina, bulbs from the Netherlands, roses from Kenya, frozen fish from Norway or fine confectionery from Belgium to name a few. Whatever your product and wherever your market, Kuehne + Nagel is your partner of choice for worldwide door-to-door temperature controlled transport solutions. Our global network, with specialised teams in all key locations, ensures a seamless and reliable cold chain from source to destination, across all terrains and transport modes. Kuehne + Nagel’s steadily growing, highly satisfied customer base is evidence of our capability to deal with the most sensitive cargo.

FOR GLOBAL LOGISTICS AND COMMODITY EXPERTISE

Whether your business is temperature-sensitive foodstuffs, or non-food merchandise like plants, medical products or high-tech goods, Kuehne + Nagel’s in-house logistics experts understand that each commodity has its unique transport and storage requirements.

Shelf life is critically dependent on proper cargo handling. Our cold chain professionals have the specialised skills and experience to deal with the unique risks and challenges of the perishables business, from one end of the supply chain to the other.

<table>
<thead>
<tr>
<th>KUEHNE + NAGEL’S MARKET FOCUS</th>
<th>CHILLED CARGO FOODSTUFF</th>
<th>FROZEN FOODSTUFF</th>
<th>NON-FOODSTUFF CARGO</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fresh Vegetables</td>
<td>Seafood</td>
<td>Live Plants</td>
<td></td>
</tr>
<tr>
<td>Fresh Fruit</td>
<td>Fruits/Vegetables</td>
<td>Flowers</td>
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<tr>
<td>Dairy Products</td>
<td>Meat</td>
<td>Pharmaceuticals</td>
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<tr>
<td>Confectionery</td>
<td>Bakery Products</td>
<td>Medical Care Products</td>
<td></td>
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<tr>
<td>Meat</td>
<td>Convenience Products</td>
<td>Chemicals</td>
<td></td>
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<tr>
<td>Fish</td>
<td>Juice Concentrate</td>
<td>Sensitive Industrial Products</td>
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Seafreight

Kuehne + Nagel’s worldwide network of offices, combined with our dedicated multi-carrier programme with the world’s leading vessel operators and reefer carriers, ensures our customers benefit from cost-effective access to multiple weekly sailings. We offer highly competitive transit times to and from:

- North, Central and South America
- Asia-Pacific
- Europe
- Middle East
- Africa

VALUE-ADDED SERVICES

- Special equipment availability
  - Thermoking Magnum units
  - AFAM+
  - Controlled atmosphere containers
  - Dehumidification units
- Phytosanitary clearance
- Veterinary inspection/clearance

YOUR ADVANTAGES

- Profit from our partnerships with leading carriers
- Enhanced visibility and monitoring through our web-based tool KN Login
- Easy access to our 7,500 global seafreight specialists
- Integrated, customised solutions

KEY FEATURES AND SERVICES

- Buyer’s consolidation
- Consolidation services
- Customs clearance
- Full container loads
- Less than container loads
- Global multi-carrier programme
- Integration with carriers (INTTRA)
- Intermodal services

VALUE-ADDED SERVICES

- Quality management
- Samples management
- Port and authority handling
- Cold storage solutions
- Cross-docking solutions
- Vacuum cooling
Airfreight

For time-critical cargoes, airfreight is the preferred mode of transport. Kuehne + Nagel’s advanced capabilities and innovative solutions make it one of the world’s leading air cargo forwarders.

Kuehne + Nagel is the only logistics provider with global Cargo 2000 Phase 2 accreditation. This means every shipment is electronically planned and proactively monitored, door-to-door. Together with our enhanced global information management systems, the result is a level of reliability and professionalism unique to the global airfreight industry.

VALUE-ADDED SERVICES
- Isotherm IATA equipment
- Aircraft palletising under temperature control
- Shrink wrapping
- Temperature monitoring (wireless sensors)
- Special packaging solutions
- Certified air cargo screening

KEY FEATURES AND SERVICES
- Airport-to-airport and door-to-door
- Consolidations
- Customs clearance
- Full charter services
- Global preferred carrier programme
- IATA direct
- Industry-specific solutions
- Member of the Cargo 2000 initiative
- Sea/Air services
- Time-defined solutions

YOUR ADVANTAGES
- Advanced airfreight visibility and monitoring tools
- Global airfreight infrastructure
- Dedicated key account management
- Knowledgable and proactive global team of reefer + perishable logistics experts
- Customised airfreight value-added services
Kuehne + Nagel operates a number of airside facilities globally, enabling direct platform access for short transfers to and from the aircraft.
OUR REEFER AND PERISHABLES LOGISTICS NETWORK SPANS THE WORLD’S KEY MARKETS
Global KN FreshChain Network

- Kuehne + Nagel dedicated Seafreight Stations
- Kuehne + Nagel dedicated Airfreight Stations
- Kuehne + Nagel dedicated Sea/Airfreight Stations
Warehousing / Cold Storage

Kuehne + Nagel operates a number of global warehousing facilities strategically located close to major (air)ports and to the main highways. Our facilities provide bonded areas and cross-dock capabilities in a number of multiple temperature configurations.

Our warehouses are pest-controlled and protected by CCTV. Examples of our many value-added solutions are pick-and-pack, labelling and final-mile delivery services.

The success of our contract logistics operations is based on our guiding principle: that we should be considered the extension of your business. We work hard to understand your business requirements, and design customised solutions to meet your specific needs.

VALUE-ADDED SERVICES

- Temperature controlled storage
- Pick-and-pack
- Special packaging solutions
- Re-packaging/labelling/re-icing
- Vacuum cooling

KEY FEATURES AND SERVICES

- Advanced warehouse management system
- Bonded facilities
- Customs clearance/formalities
- Domestic distribution/express solutions
- Export processing and consolidation services
- Import warehousing solutions
- Vendor-managed inventory (VMI)

YOUR ADVANTAGES

→ Profit from our partnerships with leading carriers
→ Enhanced visibility and monitoring through our web-based tool KN Login
→ Easy access to our 7,500 global seafreight specialists
→ Integrated, customised solutions
Intermodal & Overland

Kuehne + Nagel's door-to-door services naturally start at the very beginning of the cold chain. Your commodities can be source loaded into a refrigerated container at a location of your choosing and then moved by truck, rail or barge to the closest port/airport.

In addition, Kuehne + Nagel also can manage the movement of cargoes loaded into refrigerated domestic trailers or boxcars by providing cross-docking operations to and from marine reefer containers without interrupting the cold chain.

VALUE-ADDED SERVICES
- Temperature monitoring
- Visibility and monitoring via KN Login
- Express deliveries
- Quality standards in line with ISO certifications

KEY FEATURES AND SERVICES
- Direct pick-ups and deliveries
- Temperature controlled trucking
- Full and part loads
- Inland shipping (barge)
- Value-added services
- Proof of delivery management

YOUR ADVANTAGES

→ Flexibility and reach through our hub-and-spoke network
→ Guaranteed departures
→ Shipment visibility and temperature monitoring
→ Reliable lead times
→ Door-to-door deliveries
Our fleet is equipped with enhanced GPS allowing for continuous temperature monitoring.
KN Login – our visibility and monitoring information management system

With KN Login, our customers know where all their shipments are through a single web-based interface.

KN Login links all our business units across the globe, providing our customers with the sort of detailed information they need, in the way they want to see it.

This access to near real-time data, offering enhanced exception monitoring and accurate shipment progress, drives significant improvements in productivity and efficiency.

YOUR ADVANTAGES

- Know where your shipments are in real-time
- Customised reports
- One system to cover all transport modes - air, land or sea
- KN Login mobile app - provides information on the go
- Globally standardised system with permanent access
Globalisation means new markets and greater opportunities for business. But with this increase in international shipments comes additional administration. Customs procedures, local laws and industry regulations add complexity and cause delay.

Regardless of the locations in which you need to operate, Kuehne + Nagel’s experienced customs teams will be on hand. We have the technology and the know-how to cut through complex documentation, and to liaise with multiple parties where necessary.

With Kuehne + Nagel on your side, costly and frustrating delays are kept to a minimum. Our dedicated teams of customs specialists will ensure that your valuable cargoes flow smoothly through the supply chain to their destinations.

**NACORA INSURANCE**

Nacora is Kuehne + Nagel’s wholly owned insurance broker. As a specialist in insurance solutions for transport and the logistics industry, Nacora has vast experience in cargo insurance across all world markets and all major industries. Being a logistics specialist enables Nacora to provide clients with solutions that go beyond standard terms, to satisfy their individual needs.