

# Traxon cargoHUB

The Integrated Solution for Comprehensive Cargo Communication



Traxon cargoHUB is one of the best-engineered platforms for worldwide electronic data interchange. It delivers a new philosophy of information management; simplifying the transmission, conversion and distribution of messages, and expands the scope of information sharing within the air logistics community. Traxon cargoHUB acts as an open, extendible and rules based industry service bus that combines the power of the CHAMP global community with state-of-the-art technology.

## Benefits

- Fully automated host-to-host communication
- Links 100+ airlines with 3,000 forwarders, GSA, GHA, UPU (Postal community) and shippers
- Access to all logistics partners via one interface
- Reduced costs for data capture and maintenance
- Data storage for decision support and traceability
- Fast, reliable and accurate communication
- Enables improved sales / customer relations
- Real-time information
- Pre-requisite for e-AWB, e-freight and MIP
- Message transmission logs to support claims processes

## Automation is key to productivity

Traxon cargoHUB efficiently links members of the global airfreight community, irrespective of their IT configuration or systems. It enables all parties along the supply chain to achieve high levels of real-time electronic information exchange and to participate in industry initiatives such as e-AWB, e-freight, and the IATA Message Improvement Program (MIP). In fact, it is an important prerequisite to drive paper-free cargo handling. Traxon cargoHUB improves supply chain data quality and completeness. It also facilitates information sharing with non-traditional parties, such as customs authorities around the world. Traxon cargoHUB removes the complexity of data exchange with multiple or independent partners. Easy to use, it translates into higher productivity and low transactional costs.

## Safe and efficient

With Traxon cargoHUB bookings, operations and document handling processes are fast and safe. Confidential information is protected and exchanged only with agreed, trusted partners. Traxon cargoHUB provides a mission-critical level of performance with unsurpassed customer support.

Traxon cargoHUB supports all supply chain participants to further standardize processes, simplify business procedures, and achieve higher efficiency. It facilitates best in class customer service and a high level of customer satisfaction.



## Features

- Efficient data translation
- Validation of messages for compliance with required industry standards
- Flexible filtering based on business needs
- Duplication of messages (e.g. to GHA for local export process)
- Re-routing of messages
- Storing and forwarding of messages
- Deferred bookings
- Automated corrections on-demand
- Multiple connection types:
  - Public Internet Connection
  - SITA ATeX Secure Connection
  - Dedicated Connection
- Multiple protocols:
  - SMTP
  - FTP
  - SOAP
  - REST
  - MQ Series
  - SITA TypeB
- Web services
- Multiple message types:
  - XML
  - CargoIMP
  - cargoJSON
  - CargoFACT
  - EDIFACT
  - CXML
  - CARDIT
  - RESDIT

# Traxon cargoHUB is a byword for first class global data exchange and connectivity

## Technology you can count on

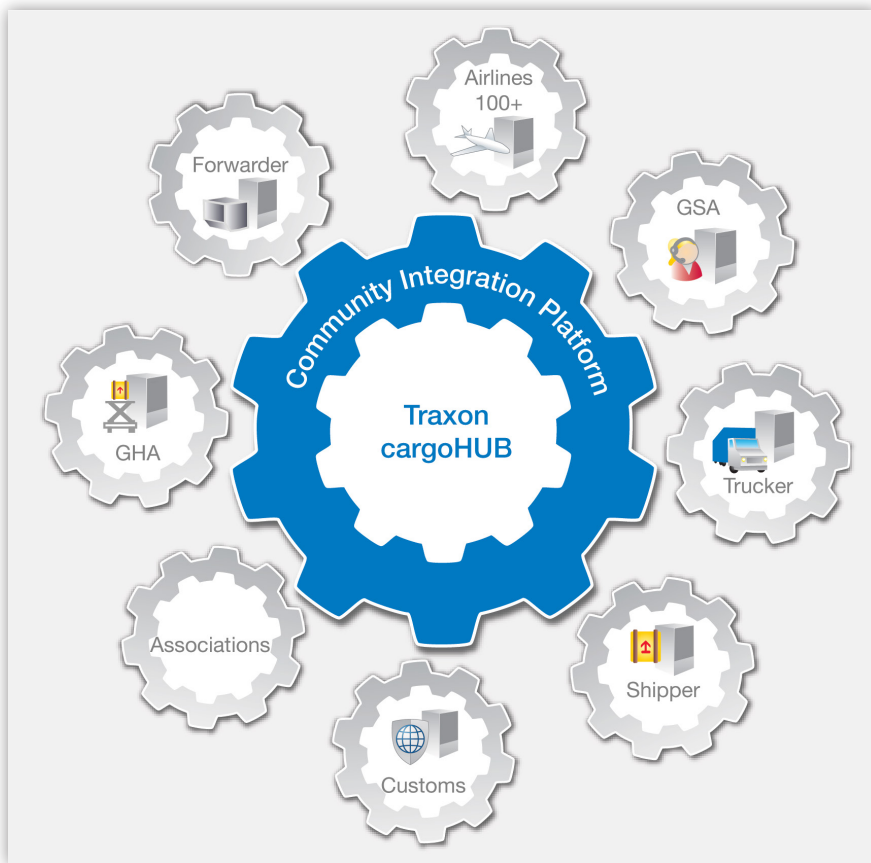
Traxon cargoHUB enables seamless communication between airlines, forwarders, and other participants of the air cargo supply chain. At its core, Traxon cargoHUB translates the various message standards and communication protocols, re-formats data and directly converts various message types into any format required. Traxon cargoHUB up-or downgrades versions to meet the capabilities of the recipient's system.

Booking, operations, document handling and customs processes are executed and confirmed in a matter of seconds. Messages can be filtered, stored or re-routed depending on your business requirements. Duplication of messages, e.g. for the integration of ground handlers for local export processes such as in Amsterdam and Brussels, can be implemented easily. Constant validation ensures that standards are complied with and creates confidence to remove paper from the process.

Traxon cargoHUB allows the exchange of messages 24/7. With system availability above 99.9%, and continuous, automated updates, your mission-critical processes are secured and top performance is guaranteed.

## Step-by-step implementation

Traxon cargoHUB supports all message types. The communication service allows flexible implementation in line with individual needs and data exchange capabilities. The most frequently implemented messages include air waybills, consolidation manifests, error, acknowledgement and status messages. Flight schedule, availability and bookings as well as customs message exchange compliment the portfolio.



Traxon cargoHUB connects the air cargo community.

CHAMP Cargosystems has been at the cutting edge of information exchange in the air cargo industry for over 20 years.

## Complementary solutions for full e-freight capabilities

### Web tools and applications complement Traxon cargoHUB

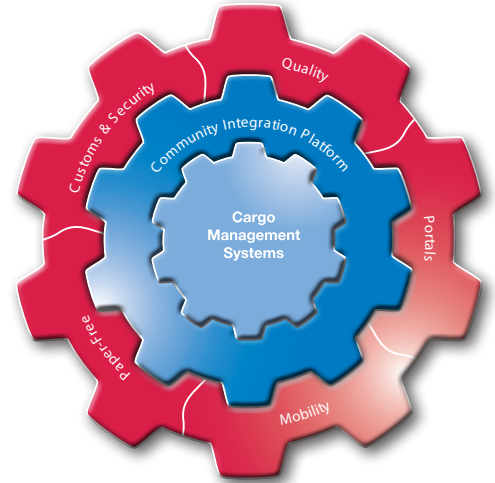
**Traxon cargoHUB Datawarehouse** is a web-based support tool allowing CHAMP community members to check operational details of their messages sent or received through Traxon cargoHUB. It provides a list of transactions by AWB number drilled down to the actual contents of individual messages. Apart from its key use as an operational support tool, it can also help as a source log in any clarification process between trading partners.

High data quality is vital for successful messaging and replacing paper documents. CHAMP is supporting the IATA Message Improvement Program (MIP) and provides MIP reports (**Traxon MIP Reporter**) for airlines and forwarders.



# Our Portfolio

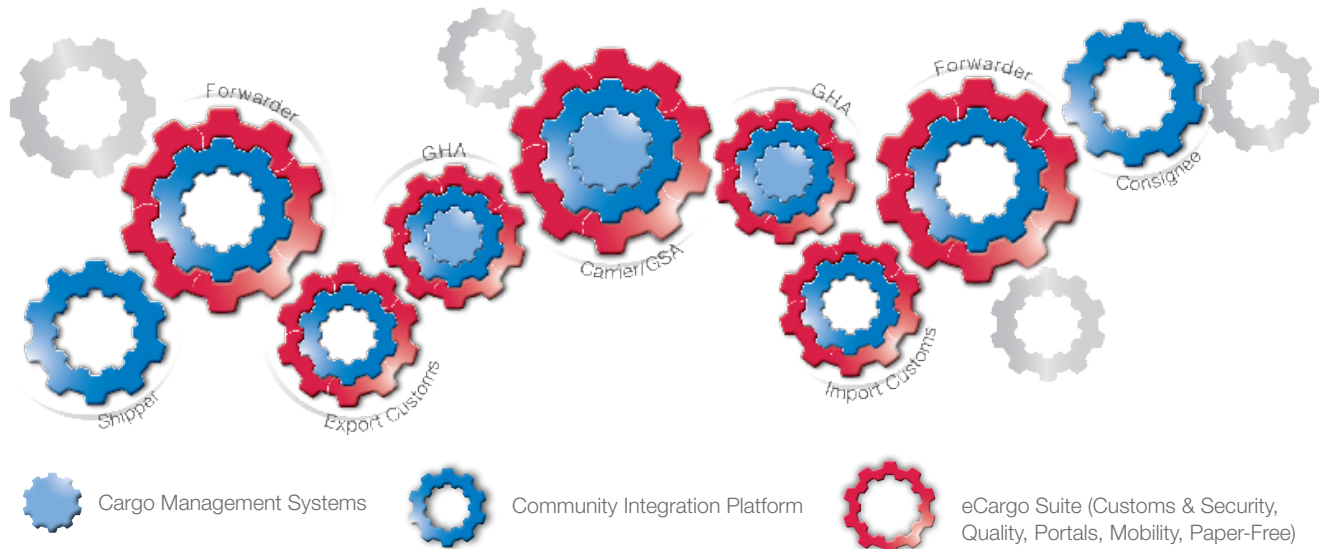
CHAMP Cargosystems provides the most comprehensive range of integrated IT solutions and distribution services for the air cargo transport chain. Our portfolio spans Cargo Management Systems, messaging and integration services through our Community Integration Platform and a comprehensive suite of eCargo solutions. These include applications to meet customs and security requirements, quality optimization, as well as e-freight and mobility needs. The products and services are well known under the Cargospot and Traxon brands.



## The CHAMP Global Community

CHAMP serves over 200 airlines and GSAs and connects these with some 3,000 forwarders and GHAs. Our global community ranks among the largest in the industry. The size and combined expertise of the CHAMP global community allows us to leverage economies of scale to the benefit of all.

Traxon cargoHUB is available for airlines, forwarders, GHA, GSA and all other supply chain participants.



**About us:** CHAMP Cargosystems was founded in Luxembourg in 2004 as a 100% subsidiary of Cargolux Airlines. In January 2005, CHAMP was merged with SITA Cargo (UK) Ltd. Only three years later, we acquired Softair AG and the acclaimed Cargospot portfolio. The company expanded rapidly and in 2010 opened a development center and operational office in the Philippines. In November 2011, we took over Traxon Europe, a provider of leading edge electronic communication solutions. Some 500+ people are now working for CHAMP all over the world. We provide global solutions delivered locally to you. For further information see: [www.champ.aero](http://www.champ.aero) **CONNECTED THINKING FOR THE AIR CARGO COMMUNITY**



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