Traxon cargoHUB

A Smart Data Exchange Solution for Cargo Communication

Traxon cargoHUB is one of the best-engineered platforms for worldwide electronic data interchange. It delivers a community for simplifying the transmission, conversion and distribution of messages, and expands the scope of information sharing within the air cargo supply chain. 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 digitized communication for increased data accuracy

- 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

- Increases volume through efficient communication

- Enables improved sales / customer relations

- API allows for universal conversion of messages

- Additional tracking services avoid laborious checking of shipments

- Message transmission logs to support claims processes

Connectivity ensures efficiency

Traxon cargoHUB efficiently links members of the air cargo supply chain, 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. These include e-AWB, e-freight, and the IATA Message Improvement Program (MIP), which drives the efforts towards paper-free cargo handling.

Traxon cargoHUB improves supply chain data quality and completeness. This facilitates information sharing with, for example, customs and security authorities around the world. By removing the complexity of data exchange with multiple or independent partners, it streamlines processes - bringing higher productivity and low transactional costs.

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. Creating smooth operations to keep your supply chain moving at all times.

CHAMP

- Efficient data formatting

- 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 / formats:
    * IATA CargoXML
    * IATA CargoIMP
    * CHAMP cargoJSON
    * EDIFACT
    * CARDIT
    * RESDIT
    * Postal Messaging (CARDIT)
    * CargoFACT

Traxon cargoHUB is a one-stop shop for your air cargo communication needs

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 ensures compatibility with a multitude of systems.

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 creating 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.

Easy implementation that adapts to your needs

Traxon cargoHUB supports all message types. The communication service allows for simple and 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 complement the portfolio.

Connected to

100+ Airlines

3000+ For warders
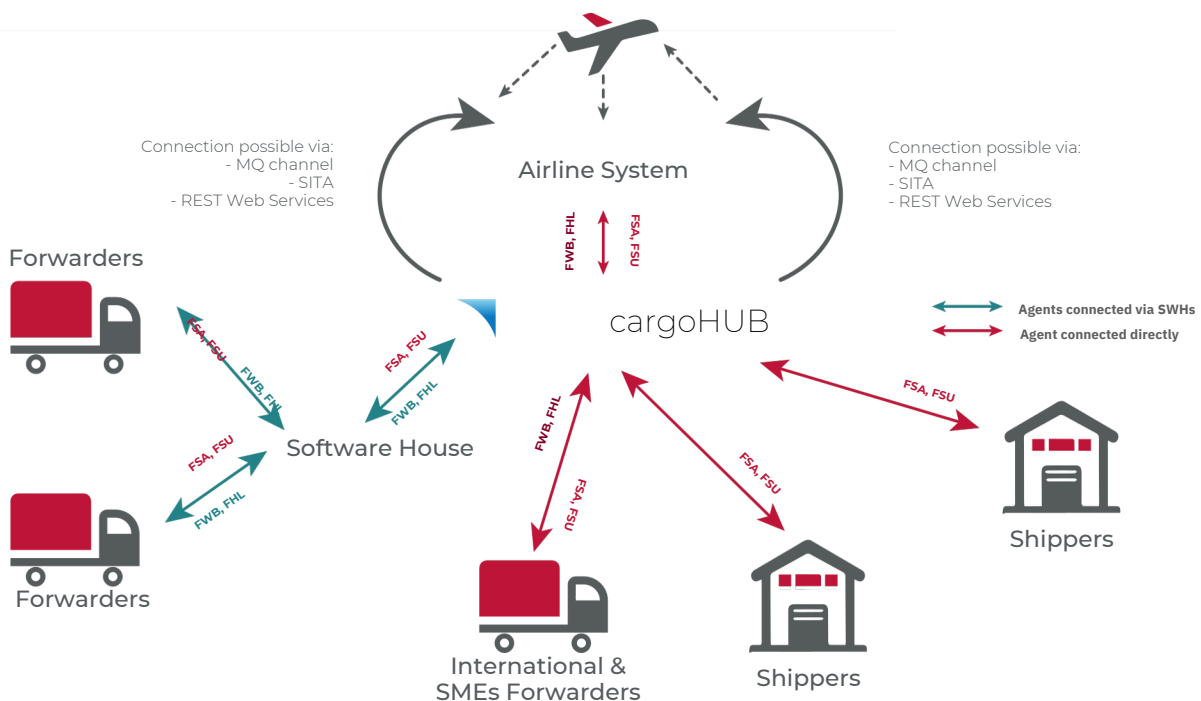
Integral solutions for digital cargo capabilities

Evolving web tools and applications enhance Traxon cargoHUB

Traxon cargoHUB API services have been developed recently, in order to enable web access to some of the Traxon cargoHUB functionalities to support customers' applications. The API services are system independent and allow you to manage services such as:
· Convert PDFs
· Convert text
· Check/Validate
· Detect Format
· Generating Barcodes

CHAMP Cargosystems has been the leading member of the air cargo community for over 25 years.

For example, it can serve as a bridge to receive latest formats and content from your customers without having to have finished investments in modernizing your applications. You simply convert to the format you can process and store the original content as a reference to additional data.

Traxon cargoHUB Premium Tracking is another new service added recently to the Traxon cargoHUB family. It enables you to track AWB numbers even if you are not the originator of the FWB, for example as an import forwarder. You only need to provide the AWB numbers, and the service sets up the "track jobs" automatically and delivers events to your configured delivery channel on Traxon cargoHUB. This service allows tracking of one or more AWBs for the full lifecycle you have defined.

Traxon cargoHUB Shipment Monitor is a web-based service allowing the Traxon cargoHUB community members to check the operational details of their messages sent or received through the system. The service is platform and device independent, and 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.

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.

Cargo Management

eCargo

Insights

About Us

CHAMP Cargosystems aims to maximize the efficiency and capacity of air cargo supply chain by providing a wide array of integrated IT solutions and distribution services. As of January 2022, it is a wholly owned subsidiary of SITA. CHAMP serves over 200 airlines and GSAs, and links these with some 3,000 forwarders and GHAs worldwide. Its solutions evolve with ever changing times to meet the needs of global transport logistics and facilitate trade.

For further information see: www.champ.aero

CONNECTED THINKING FOR THE AIR CARGO COMMUNITY

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