

Cargo Community System

The need for a Cargo Community System

To create a competitive advantage at international airports, the various stakeholders in the Cargo Community System, such as forwarders, ground handlers, airlines and customs, all need to cooperate. A lack of relevant and accurate information can result in inefficient processes and other 'hidden costs' such as excessive inventories. By sharing more information in the supply chain, it is possible to optimize these processes and reduce costs. Fast and reliable air cargo information systems become increasingly indispensable for international airports.

The Cargonaut solution

Cargonaut has vast experience in providing electronic message exchange solutions for the airfreight industry, as well as supplying value-added products and services. These IT solutions support the further integration of business processes throughout the logistics chain and facilitate the relationship between logistics and government processes.

The following portal functionalities are featured:

eFree Zone: Using this portal, in combination with EDI messages, gives airlines and forwarders (or their handlers) the ability to track and trace shipments between the bonded warehouses of airlines and forwarders. The customs authority can monitor transportation of the goods between the warehouses.

eCargo Receipt: eCargo Receipt supports a paperless export delivery process from forwarders to airlines (or their handlers). The portal allows all parties involved to check whether all necessary procedures have been fulfilled.

eCargo Customs Control: With this portal, government authorities have direct information on goods entering the airport either by air or by land. The principles of identifying shipments for inspection are based on so-called green and red channels. Shipments will be pre-selected as green or red depending on the completeness of the information and the selection criteria in the business rules in the logistics database.

ICS/ECS hub: Based on the data-gathering from the message exchange function, ICS/ECS hub combines information from manifests, airwaybills, housewaybills and actual arrivals/departures into European standard messages for the customs ICS and ECS systems. The progress of these declarations can be monitored in the portal.

Cargoscan: This portal function supports customs and the handling agents in communicating efficiently about X-ray scanning activities.

Track and Trace: Track and Trace (Airwaybill Tracking) is an application allowing logistics service providers and forwarding agents to track shipments through various measuring points in the process.

Smartcard: The SmartLOXS smartcard technology is used to identify truckers bringing cargo to the airport premises, to integrate information about the actor (truck/driver) and the truckload (shipment logistics information). The handler can plan his dock activities based on this information. The smartcard technology is used in combination with eCargo Receipt.

The benefits

Building a Cargo Community System means more accurate and reliable information on shipments throughout the supply chain. This will:

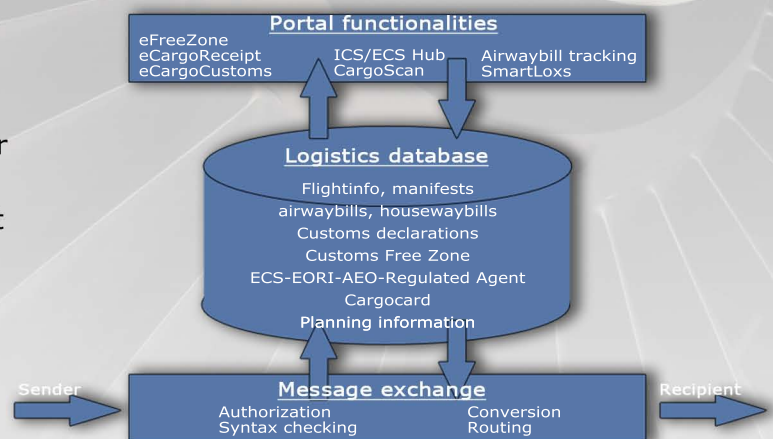
- help forwarders and handlers to improve their warehouse management and thus reduce their costs;
- reduce the lead-time throughout the supply chain; there is a better alignment between the different stakeholders and fewer delays due to efficient handling of the inspection process, for example;
- improve transparency throughout the supply chain. There is online visibility of the location and/or movements of the shipments.

How it works

Cargo Community System customers deliver their information to the message exchange function using EDI messages (Edifact, XML, Cargofact, flat file). All information from the message exchange function and input from the portals, is stored in the database. Business rules set in the database environment can activate mechanisms creating messages to be sent out via the message exchange function, or can push data into the various portals mentioned earlier. These portals can be used in daily operations to optimize internal processes.

Why you should use Cargonaut

- Cargonaut has operated in the cargo messaging exchange industry since 1985 and has thus accumulated extensive knowledge and expertise.
- Cargonaut has international expertise in setting up Cargo Community Systems at large international airports.
- Cargonaut has a strong brand and relies on a broad customer base.
- Cargonaut is a strategic partner in IATA's e-freight program and is an associated member in the Cargo2000 project.
- Cargonaut runs a 24/7 hour operation without interruptions and with a short lead time. In 2010 the strong performance of our services had an uptime of 99.96%.
- At the international level, Cargonaut works with well-established brands like Traxon, CCN Singapore, Cargo Information Network France (CIN-France) and Kewill.



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