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The Siemens management system Cargo Warehouse provides you with the functions you need for the operation of a manual warehouse in the air cargo business.
Controlling and Perfecting AWB Inventory

Cargo Warehouse takes charge of all storage and retrieval functionalities in your warehouse. A single AWB may be stored on multiple storage locations. Location identifications may be defined by customer. Barcode identification of storage locations and AWB is integrated. All logistics processes required for efficient AWB handling with a high degree of flexibility are supported. Naturally, if you have system requirements that go beyond the usual scope, they can also be integrated.

Cargo Warehouse is part of the Siemens Cargo Suite. As such it can smoothly be integrated with Cargo Compact to operate an automated warehouse as well.

Global Network of Innovation

As a Siemens customer, you can rely on competent support in every phase of your project. From consulting and planning to implementation and maintenance of your system, and not least, service and support: The knowledge of a global player is always at your fingertips – both during the project and afterwards.

Optimal Use of Your Warehouse Resources

Storage Area Management

Manual storage areas may be freely defined according to the demands of the day. Location identification may be adopted to any existing solution.

Location Management

Cargo Warehouse knows the storage location(s) and related data (commodity, special handling, etc.) for all AWB in the system. A single house AWB may be stored on multiple locations. Multiple house AWB may be grouped to one master AWB.

Location information is available according to multiple selection criteria like
- Destination
- Origin
- Consignee
- Commodity
- Flight data
- Other criteria

Inventory Data

Volume and weight data are readily available for every AWB, with details for every single location. AWB item tracking may be implemented if desired. Acceptance and delivery of AWB and ULD.

Build Up Control

ULD build up is controlled by Cargo Warehouse. The retrieval of house AWB for ULD build up is guided by Cargo Warehouse. The house AWB data stay available for checking purpose until the build up process is confirmed for the complete master AWB. The pre-build up of AWB for destination is supported.

Open Interfaces

Interfaces to airline or airport cargo systems may be integrated based on almost any type of technical basis (FTP, TCP/IP, SQL-Net and others.) If an interface to the airline or airport cargo system is available, flight booking data, offload data, flight arrivals and other information may be integrated into the logistic process.

Integrating Mobile Devices

Cargo Warehouse allows operative systems such as radio data transmission to be integrated. Mobile devices may be used to confirm any inventory activity to the system. All information reaches the operators on time by data transmission. Document-free AWB processing on the spot eliminates the discrepancies arising through offline data confirmations. Due to the 3-tier software architecture, Cargo Warehouse is not dependent upon only one specific radio data transmission hardware or technology used.

Barcode Label

Barcode labels (IATA 606) may be used for AWB identification. Special barcode functionality as required by some airlines may be added on request.

Statistics/History

Statistic counters and chronological history records for AWB processing are available.

Customer Advantages at a Glance

- Up-to-date stock lists – faster AWB processing
- Reduced number of errors increases delivery quality
- Paper-free processing possible
- Optimisation of storage density
- Improved exploitation of resources
- Standalone system that operates the complete warehouse
- Interfaces may be added to integrate other host systems (airline, customs, etc.)
- RF integration independent of hardware or technology. Continued use of existing radio data transmission systems. PDA integration is available
- Support of many languages including Chinese, Korean, etc.
- 3-tier software architecture that allows easy integration of upcoming technologies

Hardware:
- Siemens, HP, IBM, Sun or any PC system

Software:
- Database: Oracle
- Operating systems: Windows 2000, Windows XP, UNIX (Linux, HP-UX, IBM AIX, Sun Solaris …)
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