

# Container Management

Ultimate Shipping Solutions

**ULTIMATE  
SOFTWARE**

## Key processes

Container management

Booking

Container registration

Container status

Container moves

History

Inventory



**The Container management** module allows you to register all container moves and at any given time container position information can be viewed. Every container move is entered into the system via the web or direct in the Microsoft Dynamics AX™ application. The flexibility and setup makes the system suitable for different purposes such as complete liner functionality to track the containers around the world, or for the depots or port terminals to handle gate in/ out functionality. The information is stored in the system for later retrieval. The different container moves can be linked to a specific booking if deemed relevant.

### Booking

Container management is linked to the handling of Bookings. Booking is a central part of the system. The main feature is task registration. A task can be defined as any kind of work the company has to carry out, e.g. discharging/loading of a vessel, railway wagons and truck transport, warehouse tasks, warehouse rental, duty collection or a combination of these tasks.

### Container Registration

In order to keep track of all containers they must be entered into the system. Containers can be entered one by one or as a sequence of containers. Every container must be related to relevant ISO type code which defines the type and size of the container. The system has a built-in check on the prefix and container number so only valid numbers will be entered into the system.

### Container Status

The setup of the system allows you to determine your own requirements for container status. Container status is defined as a possible situation of a container e.g. LOA (Loaded on Vessel), DIS (Discharged from Vessel), ATD (Arrived at Depot).

### Decision Table

On each container status a decision table must be setup. This setup is used to define company specific workflow for the containers (allowed next moves for the status). Once the allowed move sequences are setup the system will show possible alternatives for the next move.

### Entering Container Moves

When a container changes position the move and the related values are entered into the system. With the system container moves can also be entered via the web. Through the setup it is possible to require a link for specific container status to a specific booking and booking line. If this is done the container prefix and number will be updated on the booking line.

### Container history information

Whenever a container move is entered the information is stored in the system. Therefore it is possible at any given time to find a specific container and see the status and position at the moment and also see the history of prior moves.

### Inventory

Using warehouse management in Microsoft Dynamics AX™ you will be able to manage your container inventory both in Depots and Terminals. The system allows you to show actual position of the unit e.g. row, stack, and level.

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## Container information

- Enter new containers manually or in sequence
- Validation of container numbers
- SO types, prefix, size and type

## Container status management

- Container status
- Sub status
- Decision table
- Status code rules (delete, mandatory, optional etc.)

## Container moves

- Date and time
- Next status and sub status depending on rules
- Link to bookings
- Track moves

## Gate in and gate out

- Gate in and gate out registration
- Automatically creates container moves
- Inventory integration

## Inventory management

- Warehouse and location
- Inventory inflow and outflow
- Inventory on-hand and Inventory transactions
- Serial number
- Show containers on map (e.g. Google Maps)

## Benefits

- Manage and track container moves
- Easy setup of desired status codes
- Register multiple containers automatically
- Automatically relate container number to booking
- Gate in / out functionality
- Easy inventory control
- Container management for liners, depots and terminals

## Feature Highlights

- Container information
- Container status management
- Container status
- Container moves
- Gate in and gate out
- Inventory management