



Feature Scope Description | PUBLIC

SAP Business Network Freight Collaboration

Document Version: LBN 2.0 – 2023-12-09

Feature Scope Description

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1 About This Document

This feature scope description shows you which features and product documentation are available for SAP Business Network Freight Collaboration.

Further restrictions may apply based on your license agreement with SAP. Functions and capabilities described in the documentation of this product may exceed the functional scope of the product to explain integration with other SAP products that must be licensed separately.

Documentation

The following product documentation is available for the freight collaboration solution:

- This feature scope description
- *Getting Started Guide for Shippers*
- *Administration Guide for Shippers*
- *Activate Your Account (for carriers)*
- *Administration Guide for Logistics Providers*

2 Features

Introduction

SAP Business Network Freight Collaboration provides an environment for logistics business partners (shippers and carriers) to work together collaboratively.

The network supports business processes for subcontracting freight orders, tendering, and invoicing. The network also supports the process of onboarding onto the network.

Features for shippers

| Feature | Description |
|------------------------------|---|
| Manage network | <ul style="list-style-type: none">• Join the network.• Maintain your company profile.• Invite carriers onto the network to work with you.• Invite shippers to work with you. (Note, the shippers must already be onboarded).• Set up the connection between your system (for example a transportation management system) and the network.• Subscribe to notifications so you are prompted when your SAP Cloud Integration certificate expires.• Search the network for carriers and logistics service providers, then from the results, invite suitable ones to be your business partners.• Establish a connection yourself between a test shipper account and a test carrier account.• Activate services and define authentication details for establishing external API communication for your carriers and network partners. |
| Subcontracting and tendering | <ul style="list-style-type: none">• Via the network, send freight orders and freight requests for quotations to your carriers. |

| Feature | Description |
|-----------------------------|---|
| Dock appointment scheduling | <ul style="list-style-type: none"> • Define the docks that carriers can book. • Manage the dock appointments that carriers have booked. • Restrict the dock appointments that a user can see to only those that are relevant to their location. • Overbook timeslots for dock appointments. • View freight orders and appointments that are part of the vehicle that is being checked in or checked out from the gate. • Update the start and end of the vehicle check-in and checkout events in the gate logbook. • Select two or more documents and maintain multiple appointments in a single group. • Report events for confirmed appointments. • Maintain settings for loading points, docking locations, gates, and yards. • Share a loading point with multiple docking locations in the same time zone. • Share a gate with multiple yards in the same time zone. • Share entities with a business partner. • Block time in a loading point. • Enable booking of appointments without selecting a time slot. • Reschedule appointments based on real-time events. • Enable the possibility of sending a static URL to the guest carrier user to book dock appointments. |
| Manage location master data | Create, update, upload, and archive location master data |

| Feature | Description |
|-------------------|--|
| Freight execution | <p>Depending on your system's preparedness and the reporting method of the carrier, you can receive the following information:</p> <ul style="list-style-type: none"> • The date and time when a freight-order event or an ocean freight-booking event is completed. • The date and time when a container event is completed (ocean scenario). • Information about delays and the expected time of completion of a road or ocean event. • Geo-location updates for the transport vehicle or ocean-going vessel. • Proof of delivery and proof of pickup documents (road scenario). • Actual distance, actual means of transport, and total carbon emission for the shipment. |

| Feature | Description |
|-----------------------|--|
| Settlement | <ul style="list-style-type: none"> Depending on your system integration with SAP Business Network for Logistics, carriers can upload their freight-order based invoices to your system. Assign charge types and condition types that you use in your transportation system to a set of unified charge codes in SAP Business Network for Logistics. Dispute unplanned freight costs in invoices that the carrier has submitted. Manage all the disputes submitted by the carrier. For each disputed charge you can choose to accept the carrier's proposal, propose a change, or reject the carrier's proposal. Collaborate on the disputes from your carrier, either from within SAP Business Network for Logistics or from your transportation management system. Configure and apply tolerance rules for disputes created from invoices or self-billing documents. After resolving charge disputes in SAP Business Network for Logistics, the freight order in your transportation management system will be automatically updated with the new charges. Note, this is only possible with Transportation Management (TM) on SAP S/4HANA 1809 FPS03 and upwards. Restrict the dispute documents that the user can see to only those that belong to the purchasing organizations that are assigned to the user ID of the shipper. Enable a multi-step dispute approval process within your organization before submitting the dispute to the carrier. |
| Business operations | <ul style="list-style-type: none"> Monitor the inbound and outbound messages that are processed from SAP Business Network for Logistics. |
| Experience management | <ul style="list-style-type: none"> Request feedback from your business partners via surveys about logistics processes. |

Features for carriers

| Feature | Description |
|--------------------------|--|
| Manage network | <ul style="list-style-type: none">• Receive an invitation from a business partner to join the network.• Accept or reject invitations from business partners to work together.• Subscribe and receive a notification when a business partner sends you an invite to join their network.• Maintain your company profile.• Manage the users in your tenant.• Define connectivity details for establishing external API or EDI communication between your systems and the network. |
| Freight order management | <ul style="list-style-type: none">• Confirm, update, or reject freight orders. And, if allowed by the ordering party, confirm them with an alternative price.• View shipments from SAP ERP Central Component (SAP ECC) LE-TRA.• Accept or reject freight requests for quotation. And, if allowed by the ordering party, accept them with an alternative price and/or date.• Automatically send a freight quotation to the ordering party when you accept or reject a freight request for quotation.• Receive notifications when the status of a freight request for quotation or freight order changes.• Confirm, update, or reject ocean freight booking requests from shippers. Receive and review shipping instructions and verified gross mass information from shippers.• Confirm, update, or reject air freight booking requests from shippers. Receive and review IATA and flight code information from shippers. |



| Feature | Description |
|-----------------------------|--|
| Freight execution | <p>Depending on the preparedness of the ordering party's system and the reporting method you use, you can do the following:</p> <ul style="list-style-type: none"> • Report to the ordering party when a planned event in the freight order is completed. • Inform the ordering party about an on-going delay and provide a new expected time when the event will be completed. • Send the geo-location of the transport vehicle. • Upload and send proof of delivery and proof of pickup documents to the ordering party. • View the reported events from the visibility provider for arrivals and departures. |
| Settlement | <ul style="list-style-type: none"> • Create invoices from freight orders. • Send invoices to the ordering party. • View all the freight orders that are ready for self-billing by the ordering party. • Dispute unplanned freight costs and quantity/rate discrepancies in freight orders that the ordering party has self-billed. • Handle disputes raised by ordering party on the carrier invoice. • Create invoices and handle disputes for ocean and air freight bookings. |
| Dock appointment scheduling | <ul style="list-style-type: none"> • Self-book dock appointments at locations for loading/unloading activities. • Enable guest carriers, who are not onboarded on SAP Business Network for Logistics, to self-book dock appointments for loading and unloading activities in scenarios where shipments are either delivered by suppliers or picked up by customers. • Select two or more documents and maintain multiple appointments in a single group. • Enable booking of appointments without selecting a time slot. |
| Business operations | <ul style="list-style-type: none"> • Monitor the inbound and outbound messages that are processed from SAP Business Network for Logistics. |

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