TMC SEA/ AIR

CARRIER TRAINING – AIRFREIGHT
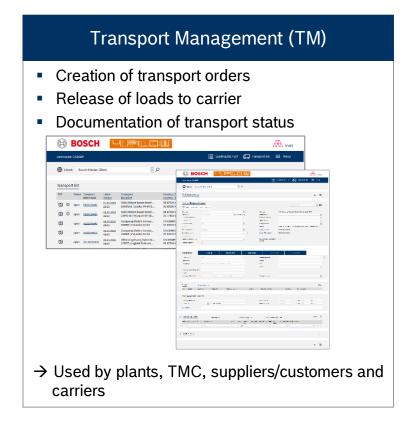
BOSCH

Agenda

Topic	Content
Introduction I	**BOSCH TMC/TMS − what is it about?**
Introduction II	TMS specifics - Air freight
Daily Business & System Demo	What are the carrier's tasks? How to work with the system?
Exceptional handling	What might happen and how to act?
Wrap up and Support	Short summary of most important topic and information about support
Feedback	What topics / questions are still open? What is your feedback?

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Introduction
Modules of the TMS

Transport Management (TM)	Freight Cost Management (FM)

Transport Management (TM)

- Creation of transport orders
- Release of loads to carrier
- Documentation of transport status

→ Used by plants, TMC, suppliers/customers and carriers

Freight Cost Management (FM)

- Calculation of transport costs based on transported volumes and tariffs
- Automated credit note preparation
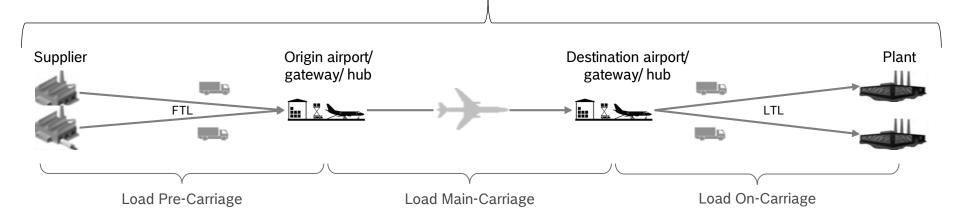- Handling of carrier cost claims

→ Used by TMC and carriers

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TMC Sea/Air project - Introduction
What does "TO" / "Load" mean?

From door-to-door to optimized network
TO — "Transport order": Defines a dedicated shipment from a shipper to a consignee. All transport relevant information included, e.g. shipper and consignee pickup/deliver timeslots, locations, handling units, article quantities, weights and volumes

Supplier — Origin airport/ gateway/ hub — Destination airport/ gateway/ hub — Plant

FTL — LTL

Load Pre-Carriage   Load Main-Carriage   Load On-Carriage

LOAD is defined between pick-up and delivery (e.g. Supplier → hub, operated with a truck)

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Agenda

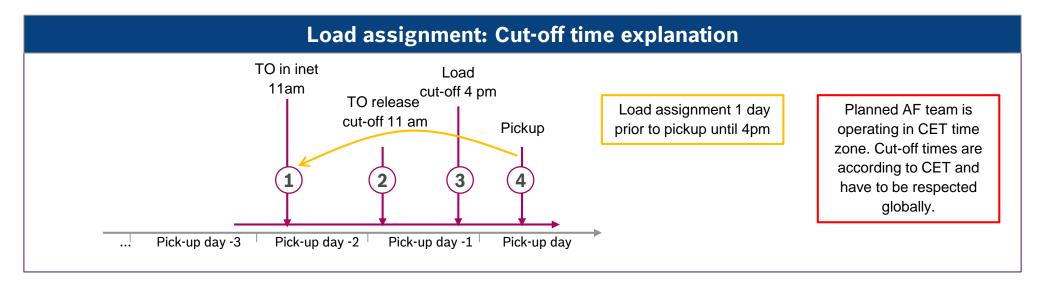| Topic	Content
Introduction I	BOSCH TMC/TMS – what is it about?
Introduction II	**TMS specifics - Air freight**
Daily Business & System Demo	What are the carrier's tasks? How to work with the system?
Exceptional handling	What might happen and how to act?
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TMC Sea/Air project – Air freight Introduction
Load assignment (air freight)

Prerequisite: Route is aligned with all parties and implemented in all relevant TMC IT systems.

- Standard process foresees load assignment until 4PM one day prior to transport start of load. In case of high volume shippers, also a later load assignment can occur based on prior alignment with LSP. No active load confirmation by LSP necessary.

- The load is going to be assigned to the LSP acc. to defined cut-offs (see below) via:

  - IFCSUM (EDI connection to RB EDI-manager required)
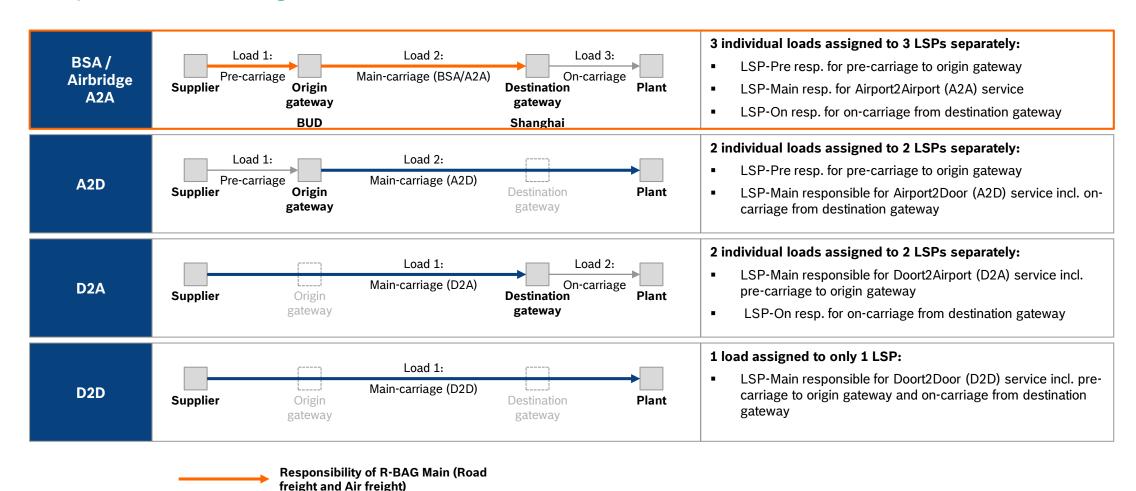
  - E-mail (Assignment list PDF)

Load assignment: Cut-off time explanation

TO in inet 11am

Load cut-off 4 pm

TO release cut-off 11 am

Pickup

① ② ③ ④

... | Pick-up day -3 | Pick-up day -2 | Pick-up day -1 | Pick-up day

Load assignment 1 day prior to pickup until 4pm

Planned AF team is operating in CET time zone. Cut-off times are according to CET and have to be respected globally.

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TMC Sea/Air project – Air freight Introduction
Comparison of air freight services

BSA / Airbridge A2A		3 individual loads assigned to 3 LSPs separately:
	Supplier → Load 1: Pre-carriage → Origin gateway (BUD) → Load 2: Main-carriage (BSA/A2A) → Destination gateway (Shanghai) → Load 3: On-carriage → Plant	• LSP-Pre resp. for pre-carriage to origin gateway • LSP-Main resp. for Airport2Airport (A2A) service • LSP-On resp. for on-carriage from destination gateway
A2D	Supplier → Load 1: Pre-carriage → Origin gateway → Load 2: Main-carriage (A2D) → Destination gateway → Plant	**2 individual loads assigned to 2 LSPs separately:** • LSP-Pre resp. for pre-carriage to origin gateway • LSP-Main responsible for Airport2Door (A2D) service incl. on-carriage from destination gateway
D2A	Supplier → Main-carriage (D2A) → Load 1 → Destination gateway → Load 2: On-carriage → Plant	**2 individual loads assigned to 2 LSPs separately:** • LSP-Main responsible for Door2Airport (D2A) service incl. pre-carriage to origin gateway • LSP-On resp. for on-carriage from destination gateway
D2D	Supplier → Load 1: Main-carriage (D2D) → Plant	**1 load assigned to only 1 LSP:** • LSP-Main responsible for Door2Door (D2D) service incl. pre-carriage to origin gateway and on-carriage from destination gateway

→ Responsibility of R-BAG Main (Road freight and Air freight)

→ Responsibility of LSP On (Road freight)

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TMC Sea/Air project – Air freight Introduction
Available TMS clients depending on assigned service

➢ **Whenever an LSP is responsible for main-carriage services starting or ending at airport gateways, a dedicated hub-client is set up in TMS to facilitate gateway operations**

➢ Hub client increases transparency for LSP in terms of gateway operations:

    ▪ Visibility of incoming pre-carriages (shown in TMS and transmitted via IFCSUM)

Origin gateway

    ▪ Visibility of outgoing on-carriages (shown in TMS and transmitted via IFCSUM)

Dest. gateway

➢ Availability of client types based on provided air freight service:

AF Service	Hub client – Origin gateway	Carrier client – Main-carriage	Hub client – Destination gateway
Airport2Airport (BSA / A2A)	✓	✓	✓

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TMC required status and shipment information in TMS
Provided by carrier via IFTSTA (backup: manually in TMS)

▶ Several TMC processes require LSP information in TMS (status and shipment data)

▶ IFTSTA can only be implemented if full set of required information is transmitted to TMS

TMS Status / IFTSTA status code mapping

Service	Status (TMS)	Status (IFTSTA)
AF Pre	1. Collected 2. Delivered	1. S02 – Cargo pickup 2. S31 – delivered at hub origin
AF Gateway/ Hub	1. Goods receipt at handling location 2. Goods issued at handling location 3. Documents arrived (Brazil only)	1. S32 – Freight On Hand Hub/CC Inbound 2. S33 - Freight On Hand Hub/CC Outbound 3. S24 – documents handover
AF Main	1. Collected 2. - 3. Aircraft departure 4. Aircraft arrival 5. Cleared for import (opt.) 6. Delivered	1. S02 – Cargo pickup 2. S18 – Shipment booked with carrier 3. S04 – cargo departure 4. S07 – cargo arrival 5. S30 – Customs release (opt.) 6. S31 – delivered at destination

Additional load and TO information required in TMS for TMC processes

Air freight
▪ Airline (Load)
▪ Airport of departure (Load)
▪ Airport of destination1 (Load)
▪ ETA (Load)
▪ ETD (Load)
▪ ATA (Load)
▪ ATD (Load)
▪ MAWB (Load)
▪ HAWB (TO)
▪ Flight no. (Load)
▪ Remark (Load)

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Agenda

Topic	Content
Introduction	BOSCH TMC/TMS – what is it about?
Introduction II	TMS specifics - Air freight
Daily Business & System Demo	**Pre-carriage:** **What are the carrier's tasks? How to work with the system?**
Exceptional handling	What might happen and how to act?
Wrap up and Support	Short summary of most important topic and information about support
Feedback	What topics / questions are still open? What is your feedback?

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System demo
Log into the TMS

① Open your internet browser and go to:
https://solutions.inet-logistics.com/ls/Login?Lang=EN&Branding=BOSCH&LoginSystemId=INETIDP

② Type in your username and password

③ Press "Login" to log into the TMS.
You have to change your password the first time you log in

The password has to contain characters, digits and at least one special character (e.g. !@#$%^&*()_+|~-=\'{}[]:";<>?,./). The minimum password length is 8 characters.

BOSCH

System demo
Main menu − Carrier client

In the TMS the following masks are available:

❶ Freight costs

Freight cost claims can be placed here.

❷ Quote request (not relevant)

Shows overview of all quote requests for additional transports.

❸ Loading List

Shows overview of all loads. The "Goods collected/delivered" status is set here.

❹ Menu

Configuration of default values

System demo
Loading list

The loading list provides an overview on all loads assigned to a specific carrier

It is the starting point for the:

- Filling of load details
- Status setting
- Document up-/ download

System demo
Load details (1/4)

Load header with the details of the transport:

- Assigned carrier
- Load status
- Transport start date and time
- Transport end date and time
- Service (e.g. Road; Air etc.)
- Service level (e.g. Emergency)
- Route description
- Etc.

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System demo
Load details (3/4)

Load details of current load:

- Number plate details
- Driver contact data
- Earliest delivery date
- Means of transport
- Truck/ trailer dimensions
- Etc.

BOSCH

System demo
Load details (4/4)

In the section "Transport list" you see an overview of all transport orders that are part of this load. A load can contain one or more transport orders.

- Pick-up and delivery sequence
- Transport order status
- Pick-up and delivery address
- Pick-up and delivery date time
- Volume/ weight

For more transport details click on transport order number.

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System demo
Transport order details

By clicking on the hyperlinked transport order number the transport order details will be shown.

The mask for transport order details is divided into five main parts:

❶ Order header

- Main transport order information and details

❷ Address information

- Detailed addresses of consignor and recipient

❸ Leg and transport information

- Details and times of assigned loads and transport order incl. known consignor information (e.g. RAKC ID)

❹ Carrier information

- Details of main-carriage (air freight) load (e.g. airline, flight no., HAWB)

❺ Package and article information

- Quantity, weight, volume, reference numbers etc.

BOSCH

System demo
Just two steps to ensure a reliable transport process

Transport goods with documentation & set status in system

Hand over & upload documents

BOSCH

System demo
Load assignment

Besides the IFCSUM EDI-message, an email will be sent as a load is assigned containing the load's assignment list.

The assignment list contains all relevant transport information:

1 General transport information (transport start / end etc.)

2 Pickup and delivery address information

3 TO information (Incoterm, weight, volume etc.)

4 TO references (Known consignor, MRN, delivery note etc.)

5 Total load weight, volume, no. of packages

How to set a status?

Status of a road freight pre-carriage load in pilot phase

Status	Description	Responsible
Assigned	Load has been assigned to the carrier	TMC
Collected	Load/TO has been collected by Pre-carriage LSP	Pre-carriage LSP
Delivered	Load/TO has been delivered to origin gateway by Pre-carriage LSP	Pre-carriage LSP

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How to set a status?
Required TM status and triggering events

The status has to be set after the triggering event:

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System demo

The carrier is responsible for entering the mentioned status values shortly after the event took place.
For setting the status you have to follow these steps:

- Step 1: Go to "Enter Status"

- Step 2: Select date and time of event

- Step 3: Confirm the status

BOSCH

How to set a status?
Step 1: Go to "Enter Status"

1. Go to loading list

2. Click on button "Selection of assigned load".

3. Click on button "Enter status" for the relevant load.

How to set a status?

Step 2: Select date and time of status

1 Select status

2 Select date of pick-up

3 Enter time of status event (Please use the format hh:mm e.g. 08:00)

4 Click on button "copy value" to enter the status for all TOs on this load

How to set a status?

Step 3: Confirm the status setting

1 Confirm status setting by clicking on the "Save" button

System demo
Just two steps to ensure a reliable transport process

Transport goods with documentation & set status in system

Hand over & upload documents

BOSCH

System demo
How to upload documents?

In case the MRN is issued by the carrier it is the carrier's responsibility to upload the MRN document.

For uploading documents you have to follow these steps:

- Step 1: Select the relevant load
- Step 2: Access document management
- Step 3: Upload documents

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How to upload documents?
Timeline for document upload

Pickup
at supplier

Handover to
airfreight carrier at
airport of origin

Upload MRN before
handover to Main-
carriage LSP at
origin gateway

BOSCH

How to upload documents?
Step 1: Select the relevant load

1. Go to loading list

2. Click on button "Selection of assigned load": Overview loads 👍

3. Click on button "Selection": Function for the searching self-defined time periods ▽

4. Click on the number of the relevant load. A new mask with the load details will open.

How to upload documents?
Step 2: Access document management

Access document management by clicking on button „Documents"

How to upload documents?
Step 3: Upload documents

1 Select relevant document type from the dropdown menu

2 Click on "Browse" button to search for the file to be uploaded

3 Click on "Add" to upload the document.

Agenda

Topic	Content
Introduction	BOSCH TMC/TMS – what is it about?
Introduction II	TMS specifics - Air freight
Daily Business & System Demo	**Origin gateway:** **What are the carrier's tasks? How to work with the system?**
Exceptional handling	What might happen and how to act?
Wrap up and Support	Short summary of most important topic and information about support
Feedback	What topics / questions are still open? What is your feedback?

BOSCH

System demo − Hub client
Log into the TMS

1 Open your internet browser and go to:
https://solutions.inet-logistics.com/ls/Login?Lang=EN&Branding=BOSCH&LoginSystemId=INETIDP

2 Type in your username and password

3 Press "Login" to log into the TMS.
You have to change your password the first time you log in

The password has to contain characters, digits and at least one special character (e.g. !@#$%^&*()_+|~-=\'{}[]:";<>?,./). The minimum password length is 8 characters.

BOSCH

System demo − Hub client
Main menu

In the TMS the following masks are available for a hub client:

❶ Order list
Shows overview of all TOs. Incoming and outgoing TOs are displayed and can be accessed.

❷ Loading list
Shows overview of all loads. Incoming and outgoing loads are displayed and can be accessed.

❸ Logout

System demo − Hub client
Order list

The order list provides an overview on all TOs that are handled by the specific hub client.

Order list of origin gateway hub client shows:

- Incoming TOs via road pre-carriage incl. delivery date, responsible carrier etc,
- Outgoing TOs via air main-carriage incl. pickup-date, responsible carrier etc.

Following pre-filters can be applied:

A **TOs in status < "assigned"** ☷
Shows overview of all TOs that are planned but not finally assigned to be shipped to/from specific hub.

B **TOs in status >= "assigned"** 👍
Shows overview of all TOs that are already in status assigned or higher (e.g. collected) to be shipped to/from a specific hub. → Recommended

BOSCH

System demo
Transport order details

By clicking on the hyperlinked transport order number the transport order details will be shown.

The mask for transport order details is divided into five main parts:

① Order header

- Main transport order information and details

② Address information

- Detailed addresses of consignor and recipient

③ Leg and transport information

- Details and times of assigned loads and transport order incl. known consignor information (e.g. RAKC ID)

④ Carrier information

- Details of main-carriage (air freight) load (e.g. airline, flight no., HAWB)

⑤ Package and article information

- Quantity, weight, volume, reference numbers etc.

BOSCH

System demo − Hub client
Loading list

The loading list provides an overview on all loads that are or will be delivered to the specific hub. Furthermore, loads that are or will be picked up at the specific hub are shown.

Load and TO details can be accessed by clicking on the hyperlinked load/ TO ID.

Following pre-filters can be applied:

A **Loads in status < "assigned"**

Shows overview of all loads that are planned but not finally assigned to be shipped to/from specific hub.

B **Loads in status >= "assigned"**

Shows overview of all loads that are already in status assigned or higher (e.g. collected) to be shipped to/from a specific hub.

Daily business
Just one step to ensure a reliable hub process

Set status in system

How to set a status?
Status of a TO during handover at origin gateway

Status	Description	Responsible
Goods receipt at handling location	TO has been received from LSP pre-carriage	Origin gateway LSP
Goods issue at handling location	TO has been handed over to LSP main-carriage / airline	Origin gateway LSP

BOSCH

How to set a status?
Required TM status and triggering events

The status has to be set after the triggering event:

System demo
How to set the "Goods collected" status?

The carrier is responsible for entering the mentioned status values shortly after the event took place.
For setting the status you have to follow these steps:

- Step 1: Go to "Enter Status"

- Step 2: Select date and time of event

- Step 3: Confirm the status

BOSCH

How to set a status?
Step 1: Go to "Enter Status"

1 Go to loading list

2 Click on button "Selection of assigned load". 👍

3 Click on button "Enter status" for the relevant load. 📋

How to set a status?
Step 2: Select date and time of status

1 Select status

2 Select date of pick-up

3 Enter time of status event (Please use the format hh:mm e.g. 08:00)

4 Click on button "copy value" to enter the status for all TOs on this load

How to set a status?
Step 3: Confirm the status setting

1 Confirm status setting by clicking on the "Save" button

Agenda

Topic	Content
Introduction	BOSCH TMC/TMS – what is it about?
Introduction II	TMS specifics - Air freight
Daily Business & System Demo	**Main-carriage:** **What are the carrier's tasks? How to work with the system?**
Exceptional handling	What might happen and how to act?
Wrap up and Support	Short summary of most important topic and information about support
Feedback	What topics / questions are still open? What is your feedback?

BOSCH

Daily business
Just three steps to ensure a reliable transport process

Fill load details after receiving a load assignment

Transport goods with documentation & set status in system

Hand over & upload documents

BOSCH

System demo
Log into the TMS

① Open your internet browser and go to:
https://solutions.inet-logistics.com/ls/Login?Lang=EN&Branding=BOSCH&LoginSystemId=INETIDP

② Type in your username and password

③ Press "Login" to log into the TMS.
You have to change your password the first time you log in

The password has to contain characters, digits and at least one special character (e.g. !@#$%^&*()_+|~-=\'{}[]:";<>?,./). The minimum password length is 8 characters.

BOSCH

System demo
Main menu − Carrier client

In the TMS the following masks are available:

❶ **Freight costs**

Freight cost claims can be placed here.

❷ **Quote request** (not relevant)

Shows overview of all quote requests for additional transports.

❸ **Loading List**

Shows overview of all loads. The "Goods collected/delivered" status is set here.
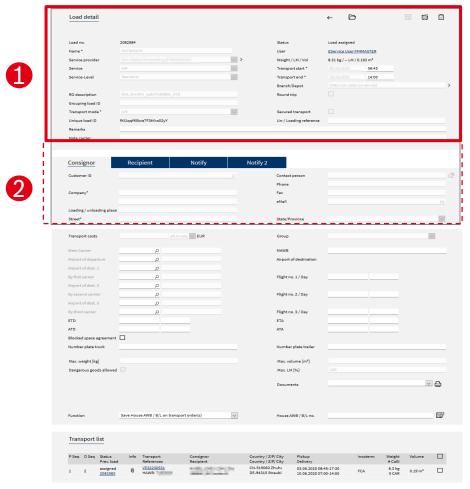
❹ **Menu**

Configuration of default values

BOSCH

System demo
Loading list

The loading list provides an overview on all loads assigned to a specific carrier

It is the starting point for the:

- Filling of load details
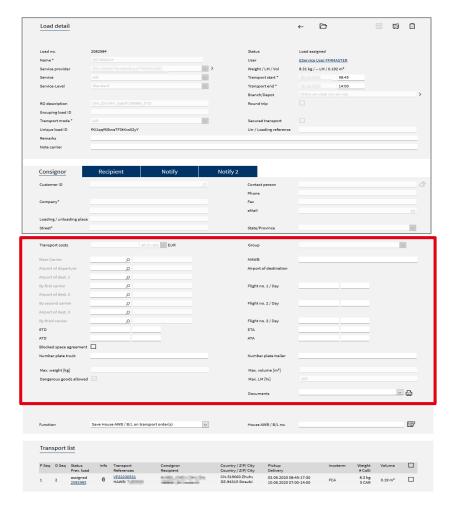- Status setting
- Document up-/ download

System demo
Load details (1/3)

1 Load header with the details of the transport:

- Assigned carrier
- Load status
- Transport start date and time of load
- Transport end date and time of load
- Service (e.g. Sea FCL; Air etc.)
- Service level (e.g. Standard)
- RO Description (e.g. "BSA | FRA-PVG")

2 Not relevant: Address information

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System demo
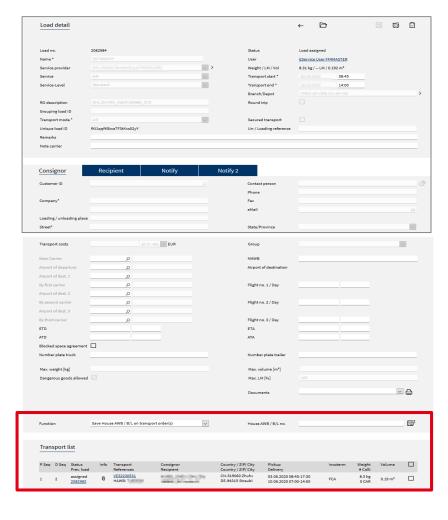## Load details (2/3)

Air freight specific details of current load:

- Main carrier
- Airport of departure, destination
- Flight numbers
- ETD, ETA
- MAWB etc.

System demo
Load details (3/3)

In the section "Transport list" you see an overview of all transport orders that are part of this load. A load can contain one or more transport orders.

- Pick-up and delivery sequence
- Transport order status
- HAWB
- Pick-up and delivery address
- Pick-up and delivery date time
- Volume/ weight

For more transport details, click on hyperlinked transport order number.

BOSCH

System demo
Transport order details

By clicking on the hyperlinked transport order number the transport order details will be shown.
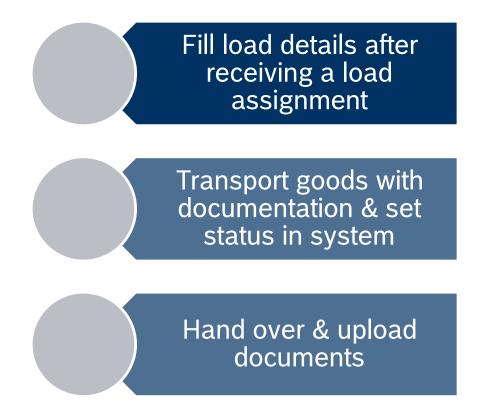
The mask for transport order details is divided into five main parts:

❶ Order header

- Main transport order information and details

❷ Address information

- Detailed addresses of consignor and recipient

❸ Leg and transport information

- Details and times of assigned loads and transport order incl. known consignor information (e.g. RAKC ID)

❹ Carrier information

- Details of main-carriage (air freight) load (e.g. airline, flight no., HAWB)

❺ Package and article information
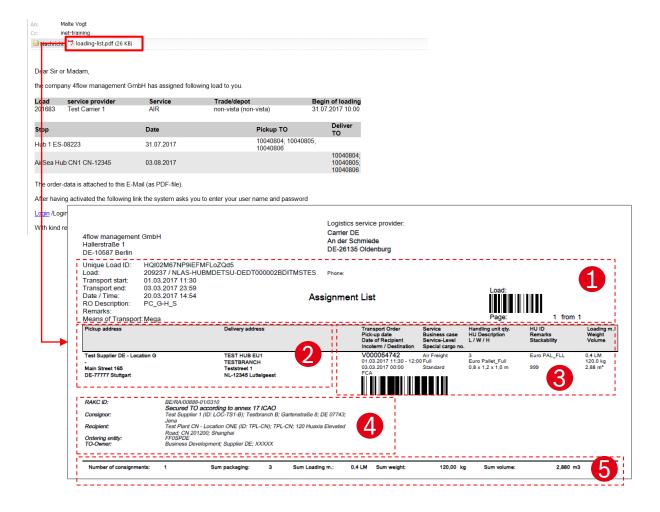
- Quantity, weight, volume, reference numbers etc.

Daily business
Just three steps to ensure a reliable transport process

Fill load details after receiving a load assignment

Transport goods with documentation & set status in system

Hand over & upload documents

BOSCH

System demo
Load assignment

Besides the IFCSUM EDI-message, an email will be sent as a load is assigned containing the load's assignment list.

The assignment list contains all relevant transport information:

1 General transport information (transport start / end etc.)

2 Pickup and delivery address information

3 TO information (Incoterm, weight, volume etc.)

4 TO references (Known consignor, MRN, delivery note etc.)

5 Total load weight, volume, no. of packages

System demo
How to enter load details?

The carrier is responsible for entering load details, e.g. Flight number, MAWB and HAWB in the TMS.
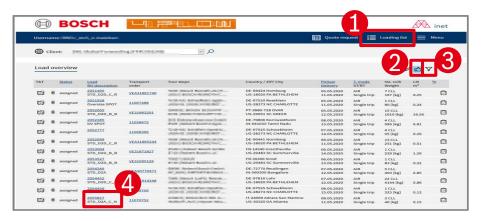For entering load details you have to follow these steps:

- Step 1: Select the relevant load

- Step 2: Enter load details

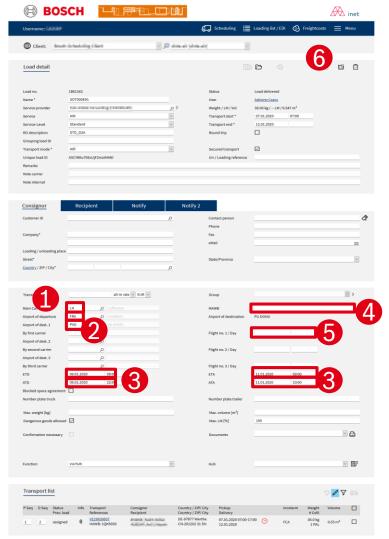**BOSCH**

How to enter load details?
Step 1: Select the relevant load

1 Go to loading list

2 Click on button "Selection of assigned load": Overview of all assigned, collected and delivered loads 👍

3 Click on button "Selection": Function for the searching by e.g. loading number, status of load or self-defined time periods ▽

4 Click on the number of the relevant load. A new mask with the load details will open.

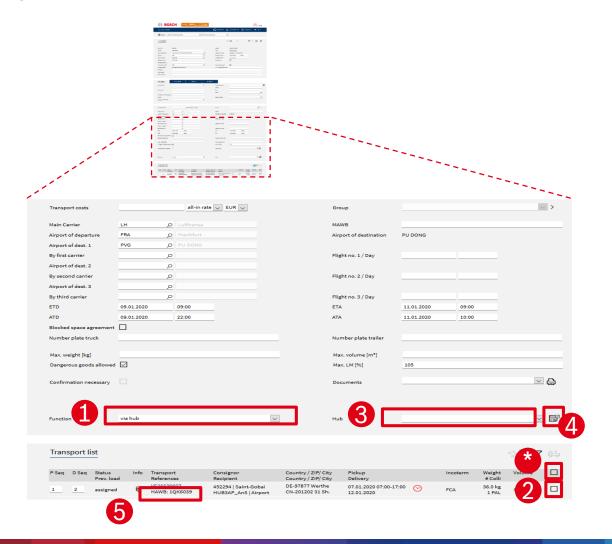# How to enter load details?
Step 2: Enter load details (1/II)

1. Enter "Main carrier"

2. Enter Airport of departure/ destination

3. Enter ETD/ ATD/ ETA/ ATD

4. Enter MAWB number

5. Enter flight numbers

6. Save your changes by clicking on the "Save changes" button.
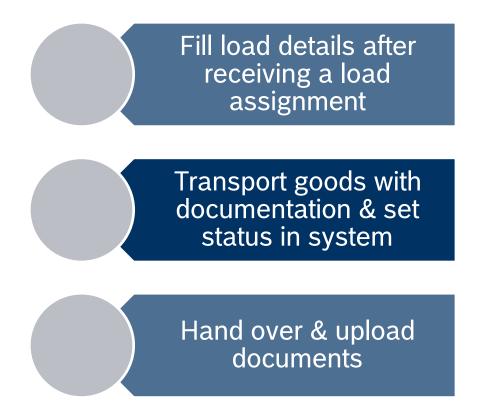
How to enter load details?

Step 2: Enter load details (2/II)

1. Select function "Save House AWB / B/L on transport order(s)

2. Select one or more TOs by marking the checkbox ☑

*. *HINT: In case all TOs belong to the same HAWB you can mark the checkbox above to mark all TOs in one step*

3. Enter HAWB of respective TO(s)

4. Store HAWB no. by clicking the button "Apply function on selected transport order(s)"

5. Entered HAWB no. is shown below Transport order no.

System demo
Just three steps to ensure a reliable transport process

Fill load details after receiving a load assignment

Transport goods with documentation & set status in system

Hand over & upload documents

BOSCH

How to set a status?

Status of a air freight main-carriage load

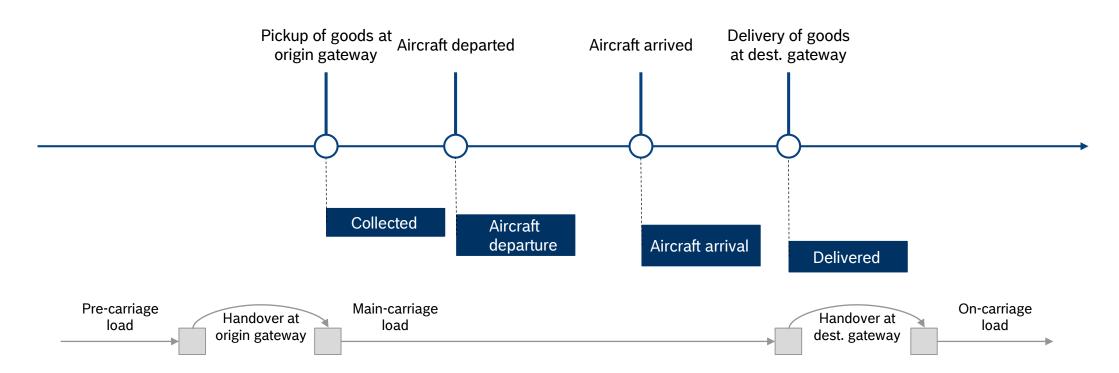| Status	Description	Responsible
Assigned	Load has been assigned to the carrier	TMC
Collected	Load/TO has been collected at pickup location by Main-carriage LSP	Main-carriage LSP
Aircraft departure	Load/TO has been departed with dedicated aircraft	Main-carriage LSP
Aircraft arrival	Load/TO has been arrived with dedicated aircraft	Main-carriage LSP
Delivered	Load/TO has been delivered to delivery location Main-carriage LSP	Main-carriage LSP

BOSCH

How to set a status?
Required TM status and triggering events

The status has to be set after the triggering event:

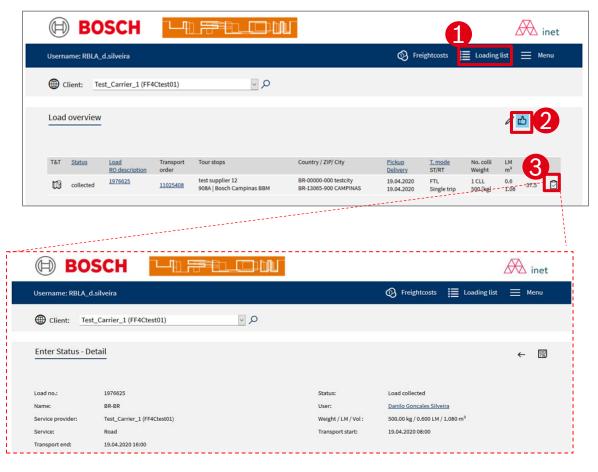Airport to Airport (e.g. BSA)

System demo

The carrier is responsible for entering the mentioned status values shortly after the event took place.

For setting the status you have to follow these steps:

- Step 1: Go to "Enter Status"

- Step 2: Select date and time of event
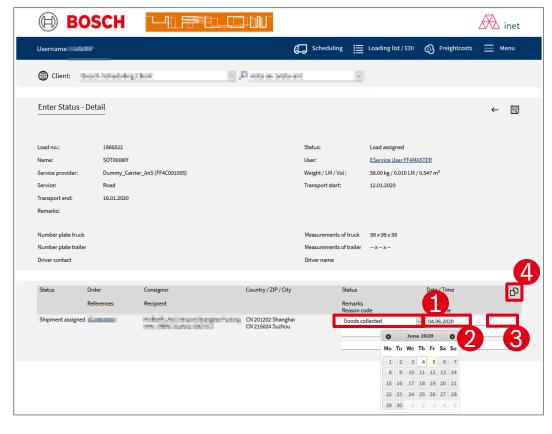
- Step 3: Confirm the status

BOSCH

How to set a status?
Step 1: Go to "Enter Status"

1 Go to loading list

2 Click on button "Selection of assigned load".

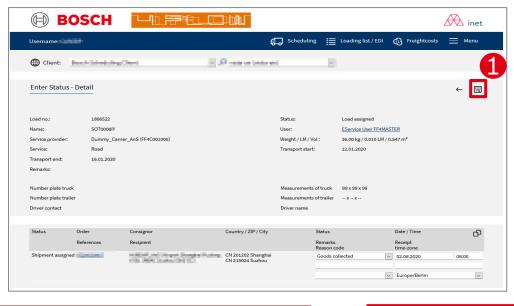**3** Click on button "Enter status" for the relevant load.

How to set a status?

Step 2: Select date and time of status

① Select status

② Select date of pick-up

③ Enter time of status event (Please use the format hh:mm e.g. 08:00)

④ Click on button "copy value" to enter the status for all TOs on this load

How to set a status?
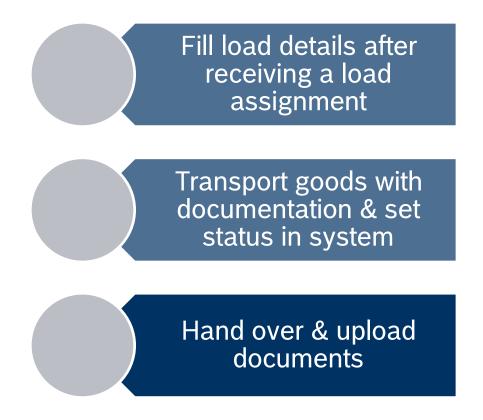## Step 3: Confirm the status setting

1 Confirm status setting by clicking on the "Save" button

System demo
Just three steps to ensure a reliable transport process

Fill load details after receiving a load assignment

Transport goods with documentation & set status in system

Hand over & upload documents

BOSCH

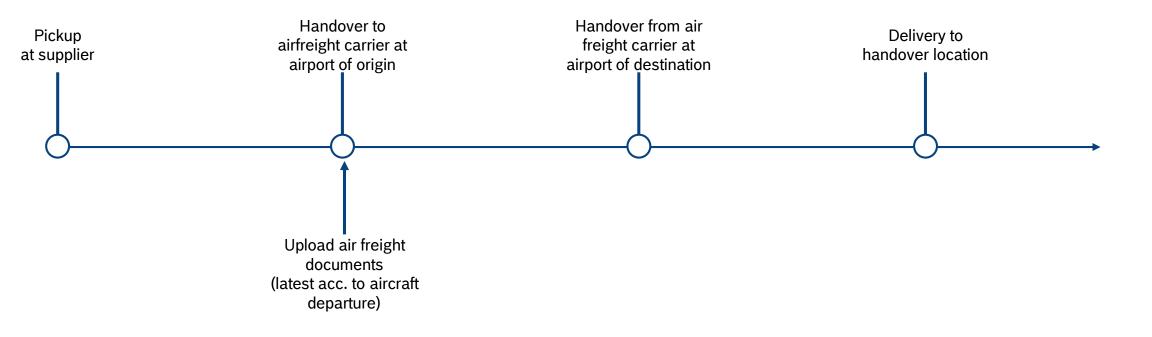# System demo
How to upload documents?

The carrier is responsible for uploading the air freight relevant documents:
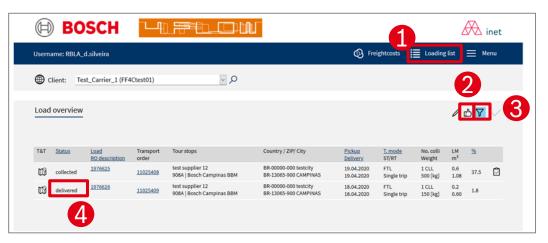- MAWB, HAWB, manifest

For uploading documents you have to follow these steps:

- Step 1: Select the relevant load

- Step 2: Access document management

- Step 3: Upload documents

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How to upload documents?
Timeline for document upload

Pickup
at supplier

Handover to
airfreight carrier at
airport of origin

Handover from air
freight carrier at
airport of destination

Delivery to
handover location

Upload air freight
documents
(latest acc. to aircraft
departure)
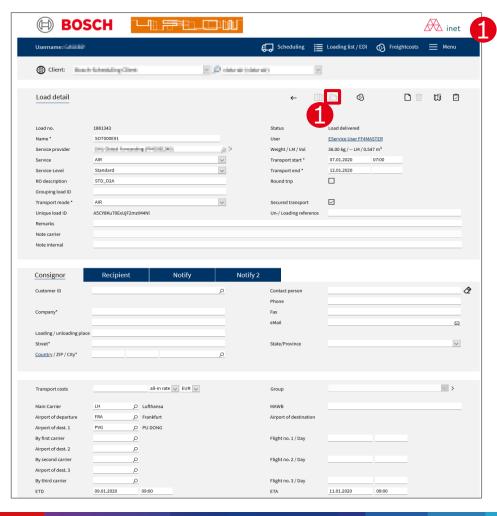
BOSCH

How to upload documents?

Step 1: Select the relevant load

1. Go to loading list

2. Click on button "Selection of assigned load": Overview of all assigned, collected and delivered loads 👍

3. Click on button "Selection": Function for the searching by e.g. loading number, status of load or self-defined time periods ▽

4. Click on the number of the relevant load. A new mask with the load details will open.
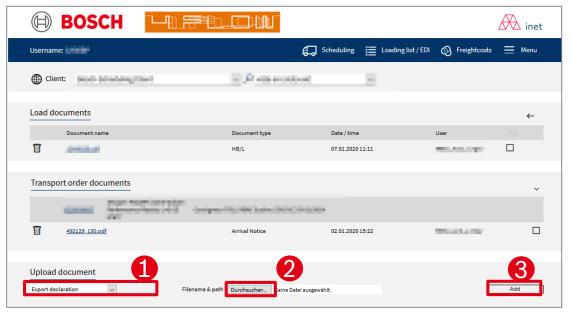
How to upload documents?
Step 2: Access document management

Access document management by clicking on button „Documents"

How to upload documents?

Step 3: Upload documents

1. Select relevant document type from the dropdown menu

2. Click on "Browse" button to search for the file to be uploaded

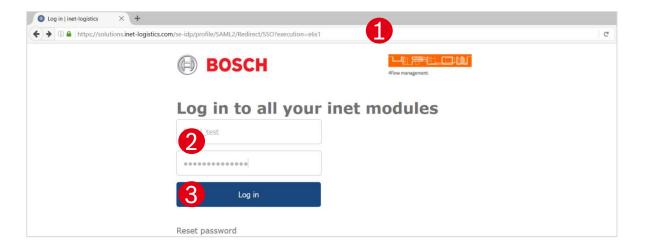3. Click on "Add" to upload the document.

Agenda

Topic	Content
Introduction	BOSCH TMC/TMS – what is it about?
Introduction II	TMS specifics - Air freight
Daily Business & System Demo	**Destination gateway:** **What are the carrier's tasks? How to work with the system?**
Exceptional handling	What might happen and how to act?
Wrap up and Support	Short summary of most important topic and information about support
Feedback	What topics / questions are still open? What is your feedback?

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System demo − Hub client
Log into the TMS

1 Open your internet browser and go to:
https://solutions.inet-logistics.com/ls/Login?Lang=EN&Branding=BOSCH&LoginSystemId=INETIDP

2 Type in your username and password

3 Press "Login" to log into the TMS.
You have to change your password the first time you log in

The password has to contain characters, digits and at least one special character (e.g. !@#$%^&*()_+|~-=\'{}[]:";<>?,./). The minimum password length is 8 characters.

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System demo − Hub client
Main menu

In the TMS the following masks are available for a hub client:

① Order list
Shows overview of all TOs. Incoming and outgoing TOs are displayed and can be accessed.

② Loading list
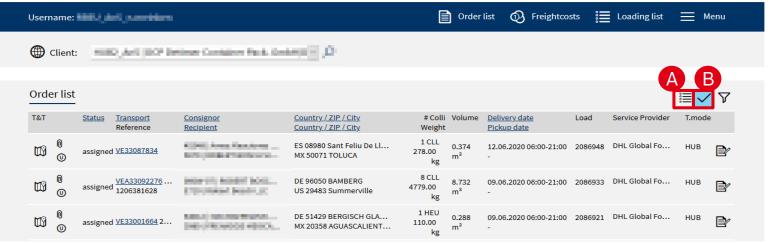Shows overview of all loads. Incoming and outgoing loads are displayed and can be accessed.

③ Logout

System demo − Hub client
Order list

The order list provides an overview on all TOs that are handled by the specific hub client.

Order list of origin gateway hub client shows:

- Incoming TOs via road pre-carriage incl. delivery date, responsible carrier etc,
- Outgoing TOs via air main-carriage incl. pickup-date, responsible carrier etc.

Following pre-filters can be applied:

A **TOs in status < "assigned"**
Shows overview of all TOs that are planned but not finally assigned to be shipped to/from specific hub.

B **TOs in status >= "assigned"**
Shows overview of all TOs that are already in status assigned or higher (e.g. collected) to be shipped to/from a specific hub. → Recommended

System demo
Transport order details

By clicking on the hyperlinked transport order number the transport order details will be shown.

The mask for transport order details is divided into five main parts:

❶ Order header

- Main transport order information and details

❷ Address information

- Detailed addresses of consignor and recipient

❸ Leg and transport information

- Details and times of assigned loads and transport order incl. known consignor information (e.g. RAKC ID)
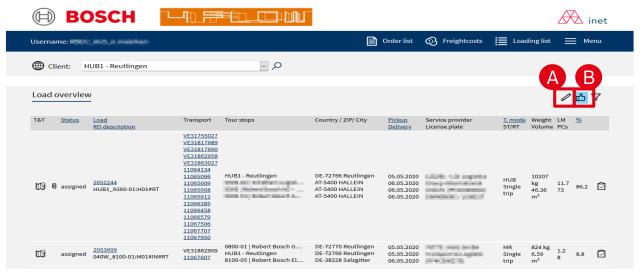
❹ Carrier information

- Details of main-carriage (air freight) load (e.g. airline, flight no., HAWB)

❺ Package and article information

- Quantity, weight, volume, reference numbers etc.

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System demo − Hub client
Loading list

The loading list provides an overview on all loads that are or will be delivered to the specific hub. Furthermore, loads that are or will be picked up at the specific hub are shown.

Load and TO details can be accessed by clicking on the hyperlinked load/ TO ID.

Following pre-filters can be applied:

Ⓐ **Loads in status < "assigned** ⊞ ❯
Shows overview of all loads that are planned but not finally assigned to be shipped to/from specific hub.

Ⓑ **Loads in status >= "assigned** ⊞ ❯
Shows overview of all loads that are already in status assigned or higher (e.g. collected) to be shipped to/from a specific hub.

Daily business
Just one step to ensure a reliable hub process

Set status in system

How to set a status?
Status of a TO during handover at origin gateway

Status	Description	Responsible
Goods receipt at handling location	TO has been received from LSP main-carriage / airline	Dest. gateway LSP
Goods issue at handling location	TO has been handed over to LSP on-carriage	Dest. gateway LSP

BOSCH

How to set a status?
Required TM status and triggering events

The status has to be set after the triggering event:

System demo
How to set the "Goods collected" status?

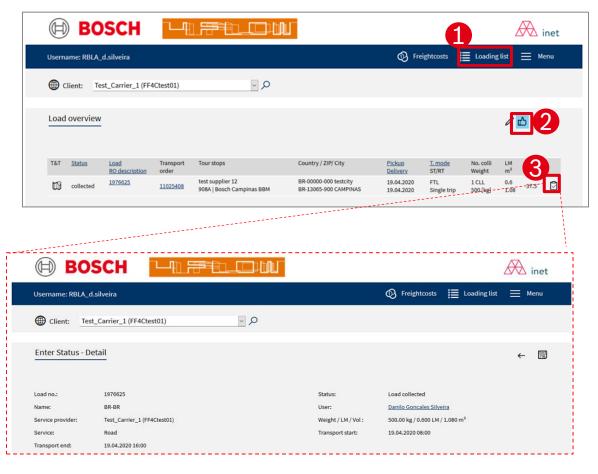The carrier is responsible for entering the mentioned status values shortly after the event took place.

For setting the status you have to follow these steps:

- Step 1: Go to "Enter Status"

- Step 2: Select date and time of event

- Step 3: Confirm the status

How to set a status?
Step 1: Go to "Enter Status"

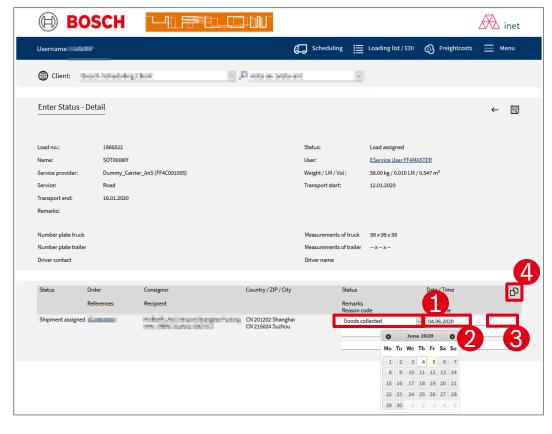① Go to loading list

② Click on button "Selection of assigned load".

③ Click on button "Enter status" for the relevant load.

How to set a status?

Step 2: Select date and time of status

1 Select status

2 Select date of pick-up

3 Enter time of status event (Please use the format hh:mm e.g. 08:00)

4 Click on button "copy value" to enter the status for all TOs on this load

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Tasks of carriers in exception handling
Exceptions in transport management

| Carrier is late for pick up with notification |

| Carrier fails to pick up advised volume |

| Carrier has lost the shipment |

| Load damage |

| Customs issue |

| Carrier is late for delivery with notification |

| Recipient delays delivery |

| Documents (e.g. MRN) are not uploaded into iTMS |

BOSCH

Tasks of carriers in exception handling
What to do in case of an exception?

In case an exception occurs please always
contact the TMC via phone or e-mail!

Phone:
+49 711 81117758 (CN)

E-Mail:
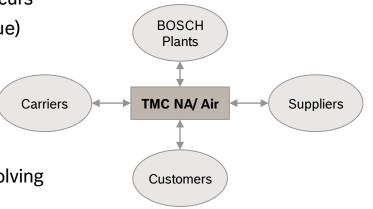TMC_CN_AIR@bosch.com

Carriers are responsible for:

- Contacting the TMC in case an exception occurs
- Communicating precisely (Load number, issue)
- Supporting the exception solving process

The TMC is responsible for:

- Handling of exceptional situations
- Coordinating and controlling the exception solving process

BOSCH Plants

Carriers ← → **TMC NA/ Air** ← → Suppliers

Customers

BOSCH

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Support

Please use the following link to get access to the TMS:

English:

▶ https://solutions.inet-logistics.com/ls/Login?Lang=EN&Branding=BOSCH&LoginSystemId=INETIDP

German:

▶ https://solutions.inet-logistics.com/ls/Login?Lang=DE&Branding=BOSCH&LoginSystemId=INETIDP

BOSCH

Support
Whom to contact?

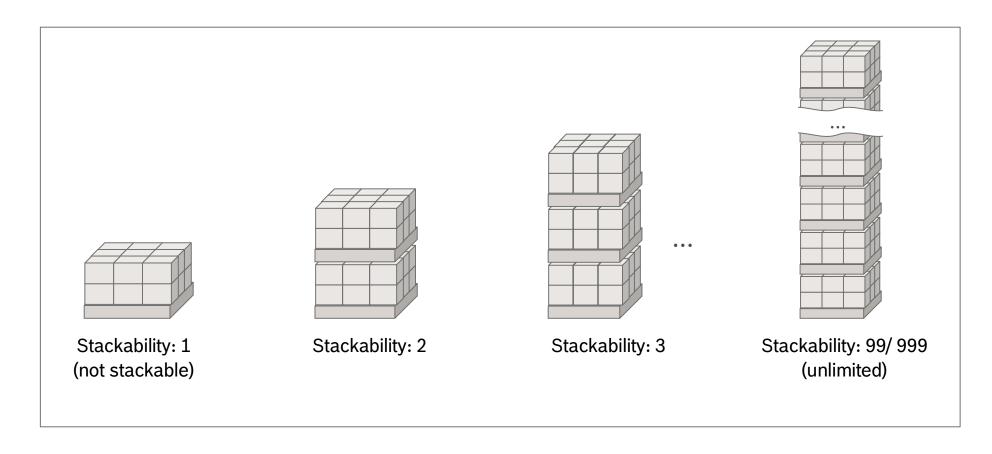|	
Contact the TMC **Phone:** +49 711 81117758 (CN) **E-Mail:** TMC_CN_AIR@bosch.com	→ Exception handling → All issues regarding your TMS account (e.g. new users, forgotten password)

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Glossary

Abbreviations	Explanations
AOR	Alternative Operative Route
A2A	Airport to Airport
A2D	Airport to Door
BSA	Blocked Space Agreement
D2A	Door to Airport
D2D	Doort to Door
FM	Freight Cost Management
FTL	Full truck load
LSP	Logistics Service Provider
LTL	Less than truck load
OD	Origin-Destination

Abbreviations	Explanations
POD	Proof of delivery
PU/DL	Pick up/ Delivery
RB	Robert Bosch
RT	Round Trip
SL	Service Level
SOR	Standard Operative Route
TM	Transport Management
TMC	Transport Management Center
TMS	Transport Management System
TO	Transport Order
T&T	Track and Trace

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TMC Sea/Air - New process for transport ordering
Explanation of Container Stackability

Stackability: 1
(not stackable)

Stackability: 2

Stackability: 3

Stackability: 99/ 999
(unlimited)

BOSCH

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