

TMC SEA/AIR

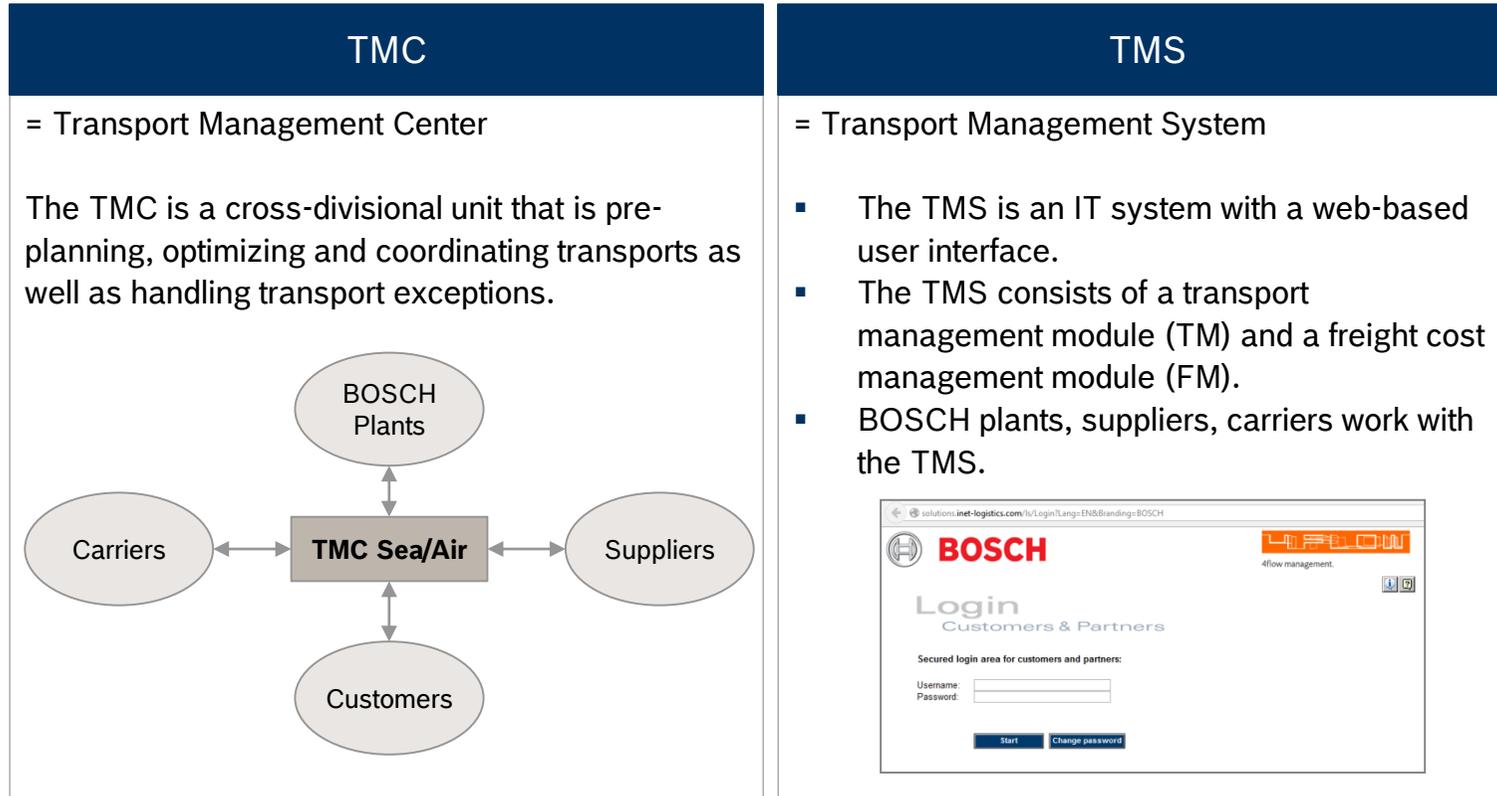
TRAINING SEA FREIGHT: LSP MAIN FCL/FCL - TMS

Agenda

Topic	Content
Introduction	BOSCH TMC/TMS – what is it about?
Setup	What are the steps to get the process established?
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?

Introduction

BOSCH TMC and TMS

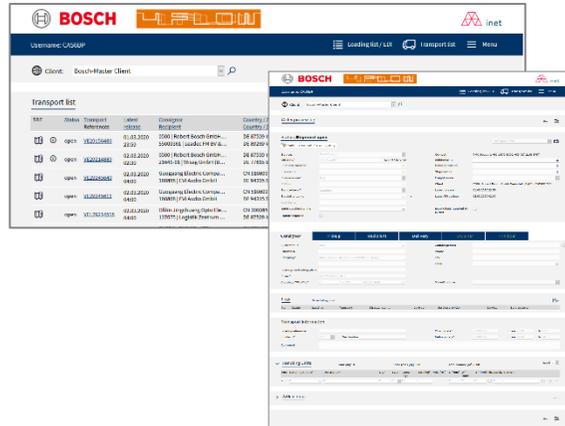


Introduction

Modules of the TMS

Transport Management (TM)

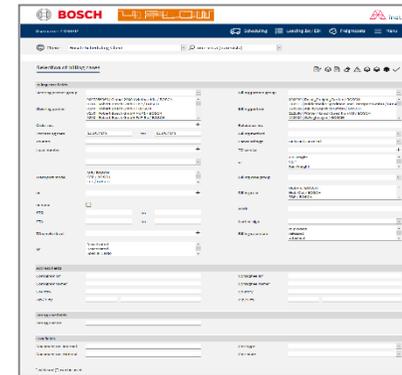
- Creation of transport orders
- Release of loads to carrier
- Documentation of transport status



→ 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

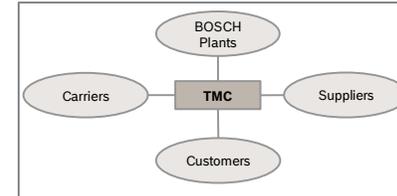
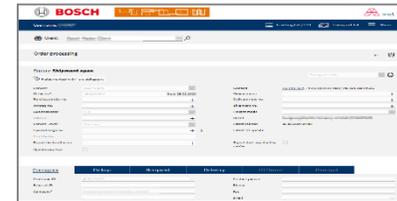
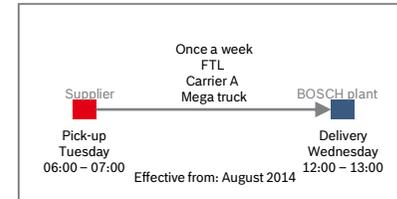


→ Used by TMC and carriers

Introduction

Benefits of TMS

- + → Standardization of transport ordering by using new TMS.**
 - Includes all relevant functionalities for transport ordering
 - One solution for all transports going to BOSCH
 - Easy to use
- + → Standardization of transports by using defined routes that all parties agreed upon.**
 - Increased reliability
- + → Transparency of transport orders (TOs) / loads for BOSCH plants, suppliers and carriers.**
 - Overview of all transport orders / loads
 - Search, filter functions, order history
- + → Exception management coordinated and reported by the TMC.**
 - Single point of contact
 - Solution oriented

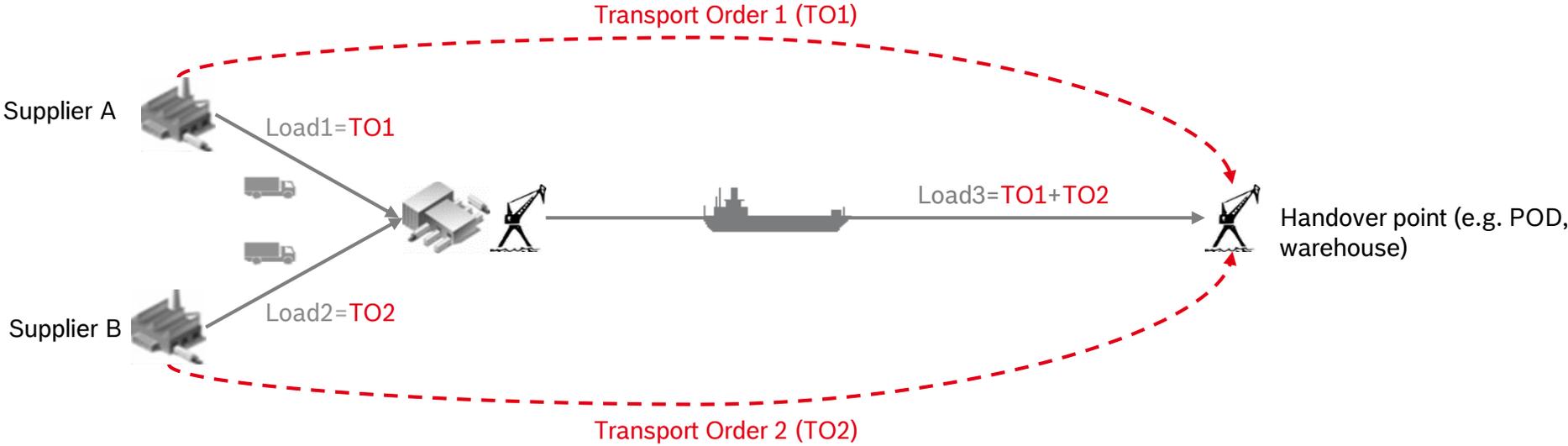


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Setup

Transport order (TO) vs. load

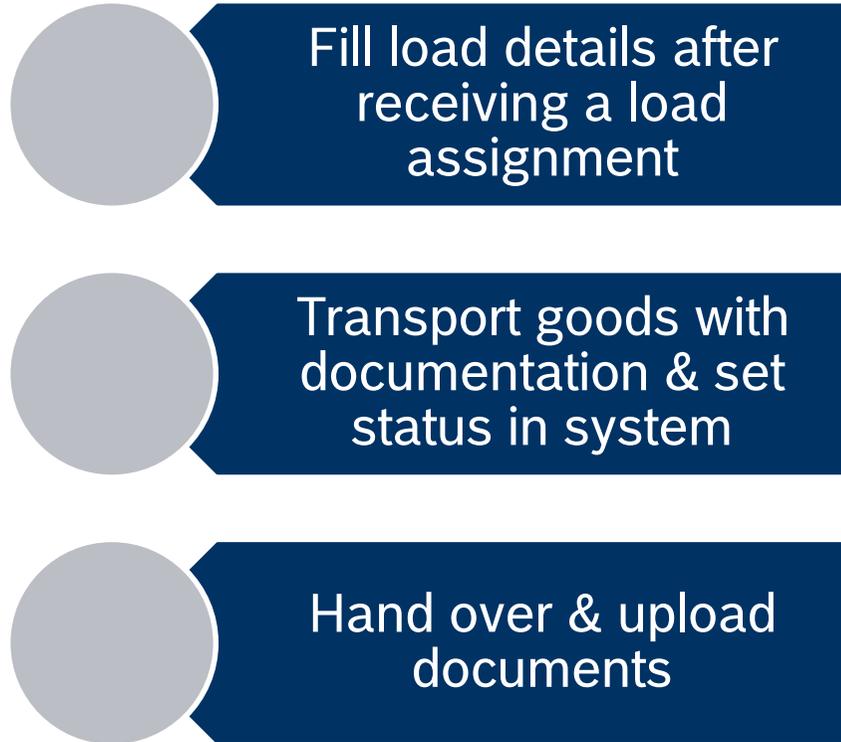


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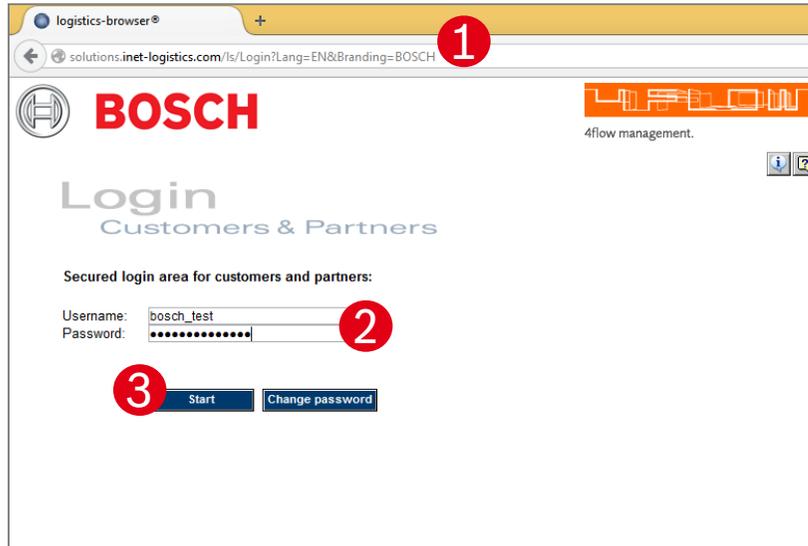
Daily business

Just three steps to ensure a reliable transport process



System demo

Log into the TMS

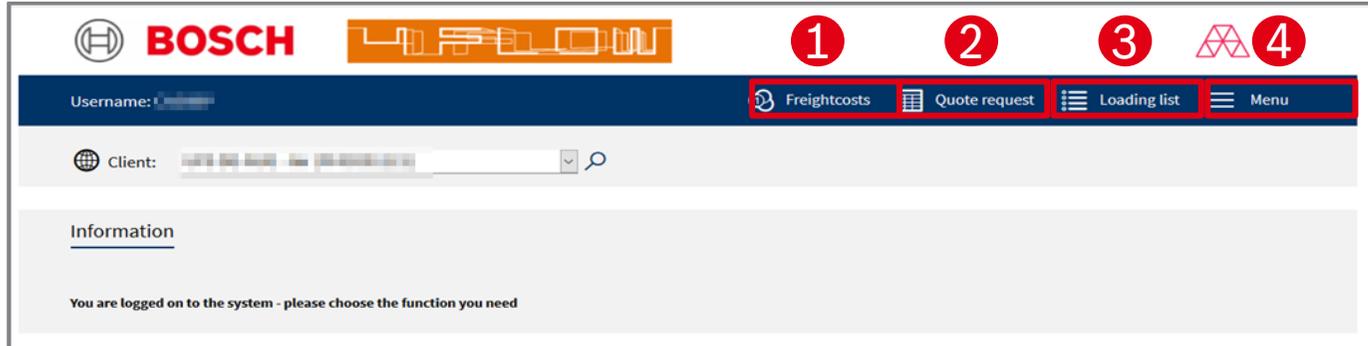


- 1 Open your internet browser and go to:
<http://solutions.inet-logistics.com/ls/Login?Lang=EN&Branding=BOSCH>
- 2 Type in your username and password
- 3 Press "Start" to log into the TMS.
You have to change your password the first time you log in

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

System demo

Main menu – Carrier client



In the TMS the following masks are available:

- 1 Freight costs**
Freight cost claims can be placed here.
- 2 Quote request** (not relevant)
Shows overview of all quote requests for additional transports.
- 3 Loading List**
Shows overview of all loads. The “Goods collected/delivered” status is set here.
- 4 Menu**
Configuration of default values

System demo

Loading list

T&T	Status	Load RO description	Transport order	Tour stops	Country / ZIP/ City	Pickup Delivery	T_mode ST/RT	No. colli Weight	LM m³	%
TR	assigned	2051495 STD_D2D_C_R	VEA31891740	DE-66424 Homburg US-18020 PA BETHLEHEM	DE-66424 Homburg US-18020 PA BETHLEHEM	05.05.2020 11.05.2020	AIR Single trip	7 CLL 167 [kg]	0.25	
TR	assigned	2051928 Oversize SPOT	11067488	DE-97520 Roethlein US-28273 NC CHARLOTTE	DE-97520 Roethlein US-28273 NC CHARLOTTE	05.05.2020 11.05.2020	AIR Single trip	1 CLL 80 [kg]	0.24	
TR	assigned	2052005 STD_D2D_B_B	VEE1863201	PT-3880-728 OVAR US-29651 SC GREER	PT-3880-728 OVAR US-29651 SC GREER	05.05.2020 12.05.2020	AIR Single trip	15 CLL 1610 [kg]	16.56	
TR	assigned	2052385 OV SPOT	11058475	DE-70806 Kornwestheim IN-641035 Tamil Nadu	DE-70806 Kornwestheim IN-641035 Tamil Nadu	08.05.2020 15.05.2020	AIR Single trip	4 CLL 986 [kg]	6.81	
TR	assigned	2052777	11068366	DE-97525 Schwabheim US-28273 NC CHARLOTTE	DE-97525 Schwabheim US-28273 NC CHARLOTTE	07.05.2020 14.05.2020	AIR Single trip	4 CLL 95 [kg]	0.29	
TR	assigned	2052999 STD_D2D_C_R	VEA31895244	DE-90441 Nürnberg US-18020 PA BETHLEHEM	DE-90441 Nürnberg US-18020 PA BETHLEHEM	06.05.2020 11.05.2020	AIR Single trip	13 CLL 251 [kg]	0.51	
TR	assigned	2053004 STD_D2D_B_B	VEE1871827	FR-14540 Grentheville US-29483 SC Summerville	FR-14540 Grentheville US-29483 SC Summerville	06.05.2020 14.05.2020	AIR Single trip	1 CLL 229 [kg]	1.20	
TR	assigned	2053527 STD_D2D_B_B	VEE1095129	FR-39300 Sirod US-29483 SC Summerville	FR-39300 Sirod US-29483 SC Summerville	06.05.2020 13.05.2020	AIR Single trip	1 CLL 83 [kg]	0.22	
TR	assigned	2054349 STD_D2A	VEA30776471	DE-72770 Reutlingen IN-560300 Bangalore	DE-72770 Reutlingen IN-560300 Bangalore	07.05.2020 12.05.2020	AIR Single trip	5 CLL 403 [kg]	2.85	
TR	assigned	2054452 STD_D2D_C_R	VEA31914248	DE-97816 Lohr US-18020 PA BETHLEHEM	DE-97816 Lohr US-18020 PA BETHLEHEM	07.05.2020 12.05.2020	AIR Single trip	22 CLL 4144 [kg]	5.86	
TR	assigned	2054456	11069756	DE-97525 Schwabheim US-28273 NC CHARLOTTE	DE-97525 Schwabheim US-28273 NC CHARLOTTE	08.05.2020 15.05.2020	AIR Single trip	1 CLL 325 [kg]	0.12	
TR	assigned	2055827 STD_D2A_C_N	11070752	IT-24060 Adrasa San Martino US-30320 GA Atlanta	IT-24060 Adrasa San Martino US-30320 GA Atlanta	08.05.2020 11.05.2020	AIR Single trip	3 CLL 46 [kg]	0.15	

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)

BOSCH 4flow inet

Username: [redacted] | Scheduling | Loading list / EDI | Freightcosts | Menu

Client: [redacted]

Load detail

Load no.	187888	Status	Load in progress
Name*		User	[redacted]
Service provider	Dummy_Carrier_Ans (FF420000)	Weight / LM / Vol	13.60 kg / 0.028 LM / 0.123 m³
Service	SEAFL	Transport start*	09.03.2020 18:30
Service level	Standard	Transport end*	14.04.2020 18:30
ID description		Round trip	<input type="checkbox"/>
Grouping load ID		Secured transport	<input checked="" type="checkbox"/>
Transport mode*	LCL	Un-/Loading reference	
Unique load ID			
Remarks			
Note internal			

Consignor

Recipient	Notify	Notify 2	Weighing Party
Customer ID		Contact person	
Company*		Phone	
Loading / unloading place		Fax	
Street*		email	
State / ZIP / City*		State/Province	

Equipment

EQD	Qty	Type*	Container ID	Wagon ID	Seal	Non op. Reeler	Tare [kg]	Gross [kg]	Volume [m³]
			Authorized Person	Method			VGM [kg]		L / W / H [mm]
1	1	45GD	HLXUS184108			<input type="checkbox"/>	8880.00	13.60	0.123
							12024.1	2390.00	2497.00

Transport costs

all-in rate	EUR	Group	
Shipping Line		M/B/L	
Carriage condition code		No. B/L	original 0 copies 0
Freight payable at		Tarif no.	
Contract no.		Ocean vessel name	Hamburg Express
Place of Receipt	DEBR	Wagon no.	1237003
Port of Loading	DEBR	Booking no.	
Port of Discharge	CHSHA	Rate of Exchange	
Place of Delivery	CHBJS	Closing date	
Earliest Delivery		ETA	
ETD		ATA	
ATO		Number plate trailer	
Number plate truck		Provision date	
Empty container needed	<input type="checkbox"/>	Max. volume [m³]	
Container provision		Max. weight [kg]	
Max. weight [kg]		Dangerous goods allowed	<input type="checkbox"/>
Dangerous goods allowed	<input type="checkbox"/>	Max. volume [m³]	105
		Max. LM [%]	105

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. Sea FCL; Air etc.)
- Service level (e.g. LCL-FCL)
- Route description

System demo

Load details (2/3)

Load detail

Load no. 187888 Status Load in progress

Name* User

Service provider Dummy_Carrier_Ans (FF420008) Weight / LM / Vol 11.60 kg / 0.028 LM / 0.123 m³

Service SEAFCL Transport start* 09.03.2020 18:30

Service-Level Standard Transport end* 14.04.2020 18:30

ID description Round trip

Grouping load ID Secured transport

Transport mode* LCL Un-/Loading reference

Unique load ID

Remarks

Note carrier

Note internal

Consignor

Recipient	Notify	Notify 2	Weighing Party
Customer ID	Contact person	Phone	
Company*	Fax	email	
Loading / unloading place	State/Province		
Street*			
Country / ZIP / City*			

Equipment

EQD	Qty.*	Type*	Container ID	Wagon ID	Seal	Non op. Reeler	Tare [kg]	Gross [kg]	Volume [m³]
			Authorized Person		Method		VGM [kg]		L / W / H [mm]
1	1	45GD	HLXUS184108				8880.00	11.60	0.123

Transport costs

all-in rate EUR Group

Shipping Line H/B/L

Carriage condition code No. B/L original copies

Freight payable at Tariff no.

Contract no. Ocean vessel name Hamburg Express

Place of Receipt DEBRE Bremen Voyage no. 122700

Port of Loading DEBRV Bremerhaven Booking no.

Port of Discharge CHSHA Shanghai Rate of Exchange

Place of Delivery CHBJS Beijing Closing date

Earliest Delivery ETA

ETD ATA

ATO Number plate trailer

Number plate truck

Empty container needed

Max. weight [kg] Max. volume [m³]

Dangerous goods allowed Max. LM [%] 105

Sea/ Air freight specific details of current load:

- Equipment
- Shipping line
- Air carrier
- POL, POD
- Airport of departure/destination
- ETD, ETA
- B/L, AWB
- Etc.

System demo

Load details (3/3)

Equipment

EQD	Qty	Type	Container ID	Wagon ID	Seal	Non op. Reefer	Tare [kg]	Gross [kg]	Volume [m³]	
			Authorized Person	Method			VGM [kg]	L / W / H [mm]		
1	1	45G0	HLXU5184108			<input type="checkbox"/>	3880.00	13.80	0.123	
								12024.1	2350.00	2697.00

Transport costs	all-in rate	EUR	Group
Shipping Line			M B/L
Carriage condition code			No. B/L
Freight payable at			Tariff no.
Contract no.			Ocean vessel name
Place of Receipt	DEBRE	Bremen	Voyage no.
Port of Loading	DEBRV	Bremerhaven	Booking no.
Port of Discharge	CNSHA	Shanghai	Rate of Exchange
Place of Delivery	CNBJ5	Beijing	Closing date
Earliest Delivery			ETA
ETD			ATA
ATD			Number plate truck
Number plate truck			Number plate trailer
Empty container needed	<input type="checkbox"/>		Provision date
Container provision			Max. weight [kg]
Max. weight [kg]			Max. volume [m³]
Dangerous goods allowed	<input type="checkbox"/>		Max. LM [%]
Dangerous goods allowed			Documents
Confirmation necessary	<input type="checkbox"/>		
Confirmation necessary			
Function	via hub		Hub
Function			

Transport list

P Seq	D Seq	Status	Info	Transport	Consignor	Country / ZIP / City	Pickup	Incoterm	Weight	Volume
		Prev. load		References	Recipient	Country / ZIP / City	Delivery	# Colls		
1	2	assigned		11015183	HLBZ_ArS DCP Dettm 908A Bosch Campina	DE-58197 Bremer BR-15085-900 SP	09.05.2020 18:30-23:59 14.04.2020 17:00-18:30	EXW	13.8 kg 1 CAR	0.12 m³

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.

System demo

Transport order details

4flow management.

Freightcosts Quote request Loading list Extras Logout

Username: 4flow_m.vogt Client: Carrier - Test 1 (FFOCTC1)

Order processing

Status: Shipment assigned Transport order

Fields marked with * are obligatory

Service: Road Freight Contact: Support, +49 (0)30 39740-0

Order no.* 10040306 from 25.10.2016 Reference no. [input]

Purchase order no. 23472873467 Delivery note no. 164625465

Business case* Full Freight mode [input]

Service-level* [input] Client Test Supplier 1 - FF0STS1 (FF0STS1)

Special cargo no. [input] Latest release [input]

Export declaration no. [input] Latest TO update [input]

Update required [input] Shipment no. [input]

Consignor Pickup Recipient Delivery TO Owner Principal

Customer ID LOC-TP1-A Contact person [input]

Company* Test Plant 1 Phone [input]

Testbranch A Fax [input]

Loading / unloading place [input] eMail luser1@testplant.com

Street* Kantstraße 7 State/Province [input]

Country / ZIP / City* DE 10623 Berlin

Transport information

Loading reference [input] Pickup date* 27.10.2016 from 07:00 to 08:00

Incoterm* FCA Destination [input] Delivery date* 02.11.2016 from 09:00 to 11:00

Comment [input]

Handling Units

Pos	Handling Unit ID*	Description*	Qty*	Type	Gross* [kg]	Vol.* [m³]	L* [mm]	W* [mm]	H* [mm]	Stack.*	Remark
1	Training_PAL	Palette 1	15	C	2500.000	13.500	1200	1000	750	2	
2	Training_GIT	Glitterbox	15	C	2500.000	15.005	1240	835	970	999	

Article data

Pos	Part no.*	Goods description*	Quantity*	Unit*	Net [kg]	Origin	UN no.	Dangerous goods
1	Article 11	Article 11	150.00	E	1.500			
2	Article #12	Article 12	150.00	E	1.000			

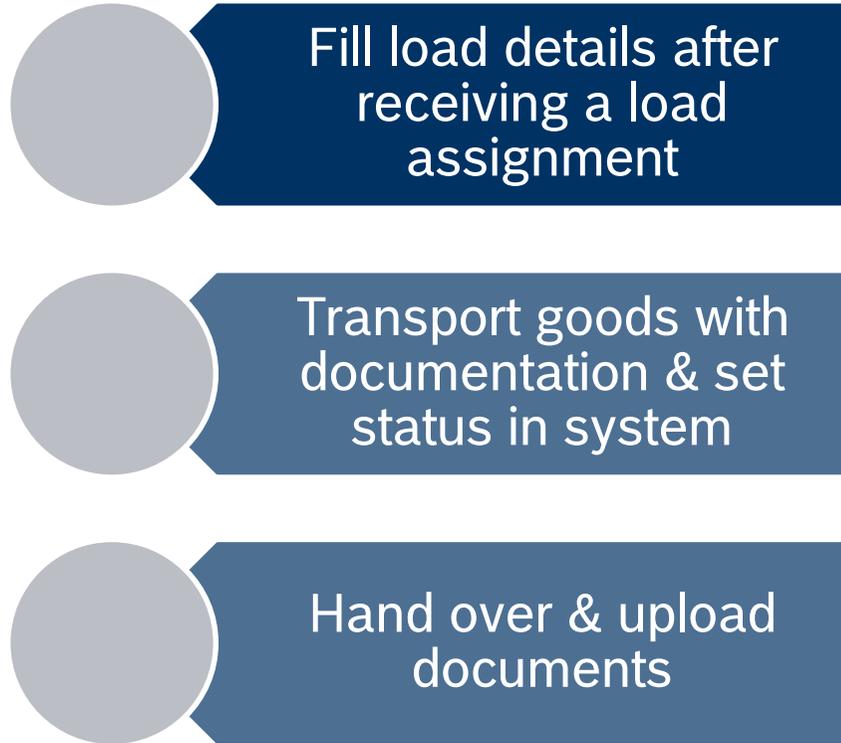
By clicking on the transport order number the transport order details will be shown.

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

- Order header with main transport order details
- Address information of consignor and recipient
- Transport details and times
- Package information and quantity and article information and quantity

Daily business

Just three steps to ensure a reliable transport process



Tasks of carriers in the TMS

Receive container forecast

Estimation of containers											
Loading Location of Container	Delivery Location of Container	Mode	Equipment Code	Equipment Description	Carrier	CWn+1 (Mon)	CWn+1 (Tue)	CWn+1 (Wed)	CWn+1 (Thu)	CWn+1 (Fri)	CW n+2 (Sum)
Supplier 1	Werk 1	FCL	45G0	40' High Cube	Carrier 1	2	0	0	0	0	2
Supplier 2	Werk 1	FCL	45G0	40' High Cube	Carrier 1	0	2	1	0	0	4

A container forecast on OD level will be provided by email on a weekly base:

- **Horizon:** 2 weeks
- **Week n+1:** Forecast of containers to be picked-up **on daily base**
- **Week n+2:** Forecast of containers to be picked-up **on weekly base**

In case additional recipient are required for the container forecast, feel free to contact the TMC

Tasks of carriers in the TMS

Load assignment

Von: support.service@inet-logistics.com
 An: Test_Carrier_1
 Cc:
 Betreff: Load assigned/200266

Nachricht  order-data.pdf (9 kB)

Dear Sir or Madam,

the company 4flow management GmbH has assigned following load to you.

Load service provider service trade/depot begin of loading
 200266 Test_Carrier_1 Standard vista 05.08.2014 08:00

The order-data is attached to this E-Mail (as PDF-file).

After having activated the following link the system asks you to enter your user name and password
<http://solutions.inet-logistics.com/Is/Login?Lang=EN&Branding=BOSCH>

With kind regards

Logistics service provider:
Test_Carrier_1

4flow management GmbH
 Hallerstraße 1
 DE-10587 Berlin

loi u. 807/b.
HU-2220 VECS
 Phone:

Load: **Load:**
 Date / Time: 200266 / DE-HU
 04.08.2014 13:00
 RO Description:
 Remarks:

Assignment List Page: 1 from 1

Powered by
inet-logistics.com

Pickup address	Delivery address	Order Pick-up date Date of Recipient	Service Incoterm	No. Colli Description	Weight LM	L / W / H Volume	Stackability
1000100010 - Test_Supplier_1 - Gunnar-Wester-Str. 12 DE 97421 Schweinfurt	6580 - Robert Bosch Elektronika Kft - Robert Bosch út 1 HU 3000 Hatvan	10000213 04.08.2014 13:00 - 14:00 05.08.2014 15:00 - 16:00 	Road Freight FCA	20 0 6000101290.000,00kg Palette	8,0 LM	1,2 x 0,8 x 1,4 m 26,880 m3	1

Number of consignments: 1 Sum packaging: 20 Sum weight: 10.000,00 kg Sum volume: 26,880 m3

An email will be sent as a load is assigned containing the load's assignment list.

The assignment list contains:

- Pickup address and time window
- Delivery address and time window
- Pickup volume

System demo

How to enter load details?

The carrier is responsible for entering load details, e.g. vessel name, in the TMS.

For entering load details you have to follow these steps:

- Step 1: Select the relevant load
- Step 2: Enter load details

How to enter load details?

Step 1: Select the relevant load

T&T	Status	Load ID	Description	Transport order	Tour steps	Country / ZIP / City	Pickup/Delivery	Mode	No. coils	Weight	L4	...
123	assigned	2024485	STD_D2D_C_R	YEA31891740	...	DE-66424 Homburg US-18020 PA BETHLEHEM	08.05.2020 11.05.2020	AIR	7	147 [kg]	0.25	...
123	assigned	2023328	Oversee SPOT	11067888	...	DE-97520 Roethlein US-28273 NC CHARLOTTE	05.05.2020 11.05.2020	AIR	1	89 [kg]	0.24	...
123	assigned	2022005	STD_D2D_R_B	VE131863201	...	PT-3880 T28 OVAR US-29651 NC GREER	05.05.2020 11.05.2020	AIR	15	1510 [kg]	16.56	...
123	assigned	2022285	OV SPOT	11056475	...	DE-70806 Kornwestheim IN-54155 Tamil Nadu	08.05.2020 15.05.2020	AIR	4	946 [kg]	6.81	...
123	assigned	2022177		11068366	...	DE-90441 Nürnberg US-28273 NC CHARLOTTE	07.05.2020 14.05.2020	AIR	13	95 [kg]	0.29	...
123	assigned	2022099	STD_D2D_C_R	YEA31893244	...	DE-90441 Nürnberg US-18020 PA BETHLEHEM	08.05.2020 11.05.2020	AIR	13	251 [kg]	0.51	...
123	assigned	2023004	STD_D2D_R_B	VE131871827	...	FR-14540 Grentheville US-20483 NC Summerville	06.05.2020 14.05.2020	AIR	1	239 [kg]	1.20	...
123	assigned	2023527	STD_D2D_R_B	VE131095129	...	FR-39300 Sireuil US-29483 NC Summerville	06.05.2020 11.05.2020	AIR	1	83 [kg]	0.32	...
123	assigned	2024349	STD_D2A	A30720471	...	DE-72770 Reutlingen IN-50500 Bangalore	07.05.2020 12.05.2020	AIR	5	403 [kg]	2.85	...
123	assigned	2024532	STD_D2D_C...	314249	...	DE-97616 Lehr US-18020 PA BETHLEHEM	07.05.2020 12.05.2020	AIR	22	1444 [kg]	5.86	...
123	assigned	2024456		7156	...	DE-97520 Roethlein US-28273 NC CHARLOTTE	08.05.2020 15.05.2020	AIR	1	325 [kg]	0.12	...
123	assigned	2025827	STD_D2A_C_N	11070752	...	IT-24000 Adrara San Martino US-30320 GA Atlanta	08.05.2020 11.05.2020	AIR	3	46 [kg]	0.15	...

- 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/III)

The screenshot shows the 'Load detail' form in the BOSCH inet system. The form is organized into several sections:

- Load detail:** Contains fields for Load no., Name, Service provider, Service, Service-Level, RO description, Grouping load ID, Transport mode, Unique load ID, Remarks, Note carrier, and Note internal.
- Consignor:** Includes a table with columns for Recipient, Notify, Notify 2, and Weighing Party. Below this are fields for Customer ID, Company, Loading/unloading place, Street, Country/ZIP/City, Contact person, Phone, Fax, and eMail.
- Equipment:** A table with columns for EQD, Qty, Type, Container ID, Wagon ID, Seal, Non op. Reefer, Tare [kg], Gross [kg], Volume [m³], and L / W / H [mm].
- Transport costs:** Includes fields for Transport costs, Shipping Line, Carriage condition code, Freight payable at, Contract no., Place of Receipt, Port of Loading, Port of Discharge, Place of Delivery, Earliest Delivery, ETD, and ATA.

Red boxes and numbers 1 through 6 highlight the following fields:

- Shipping Line
- Port of Loading
- ETD/ATD
- M B/L number
- Ocean vessel name and Voyage no.
- Save changes button

- 1 Enter "Shipping line"
- 2 Enter Places and ports of loading/ delivery
- 3 Enter ETD/ ATD/ ETA/ ATD
- 4 Enter M B/L number
- 5 Enter Ocean vessel name and Voyage no. and booking number
- 6 Save your changes by clicking on the "Save changes" button.

How to enter load details?

Step 2: Enter load details (2/III)



Transport costs: all-in rate EUR

Shipping Line: HLCU HAPAG-LLOYD

Carriage condition code: [dropdown]

Freight payable at: [dropdown]

Contract no.: [dropdown]

Place of Receipt: DEBRE Bremen

Port of Loading: DEBRV Bremerhaven

Port of Discharge: CNSHA Shanghai

Place of Delivery: CNBJS Beijing

Earliest Delivery: [input]

ETD: [input]

ATD: [input]

Number plate truck: [input]

Empty container needed:

Container provision: [dropdown]

Max. weight [kg]: [input]

Dangerous goods allowed:

Confirmation necessary:

Group: [dropdown]

M B/L: [input]

No. B/L: original 0 copies 0

Tariff no.: [input]

Ocean vessel name: Hamburg Express

Voyage no.: 123W01

Booking no.: [input]

Rate of Exchange: [input]

Closing date: [input]

ETA: [input]

ATA: [input]

Number plate trailer: [input]

Provision date: [input]

Max. volume [m³]: [input]

Max. LM [%]: 105

Documents: [input]

Function 1 Save House AWB / B/L on transport order(s)

3 House AWB / B/L no. [input] 4 [button]

Transport list

P Seq	D Seq	Status	Prev. load	Info	Transport References	Consignor Recipient	Country / ZIP/ City	Pickup Delivery	Incoterm	Weight	Volume
1	2	assigned	1999271	5	11015183	HUB2_AnS DCP Dettm 905A Bosch Campina	DE-28197 Bremer BR-13065-900 SP	09.03.2020 18:30-23:59 14.04.2020 17:00-18:30	EXW	13.6 kg 1 CAR	

- 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 H B/L, you can mark the checkbox above to mark all TOs in one step*
- 3 Enter H B/L of respective TO(s)
- 4 Store H B/L no. by clicking the button “Apply function on selected transport order(s)”
- 5 Entered H B/L no. is shown below Transport order no.

How to enter load details?

Step 2: Enter load details (3/III)

Load detail

Client: Bosch-Scheduling-Client | vista-sea (vista-sea)

Load no.: 1976658 | Status: Load in progress

Name * | User: [Address-Cases](#)

Service provider: Dummy_Carrier_AnS (FAC001005) | Weight / LM / Vol: 13.60 kg / 0.026 LM / 0.125 m³

Service: SEA FCL | Transport start *: 09.03.2020 18:30

Service-Level: Standard | Transport end *: 14.04.2020 18:30

RD description | Round trip:

Grouping load ID | Secured transport:

Transport mode * LCL | Utn-/ Loading reference:

Unique load ID

Remarks

Note carrier

Note internal

Consignor

Recipient	Notify	Notify 2	Weighing Party
Customer ID			Contact person
Company*			Phone
			Fax
			eMail
Loading / unloading place			State/Province
Street*			
Country / ZIP / City*			

Equipment

EQO	Qty*	Type*	Container ID	Wagon ID	Seal	Non op. Reefer	Tare [kg]	Gross [kg]	Volume [m³]
			Authorized Person		Method		VGM [kg]		L / W / H [mm]
1	1	4500	<input type="text"/>		<input type="text"/>		<input type="text"/>		

Transport costs

all-in rate | EUR

Shipping Line

Carriage condition code

Freight payable at

Contract no.

Place of Receipt: DEBRE | Bremen

Port of Loading: DEBRV | Bremerhaven

Port of Discharge: CNSHA | Shanghai

Place of Delivery: CNBJS | Beijing

Earliest Delivery

ETO

ATD

Group

M/B/L

No. B/L

Tariff no.

Ocean vessel name: Hamburg Express

Voyage no.: 123W01

Booking no.

Rate of Exchange

Closing date

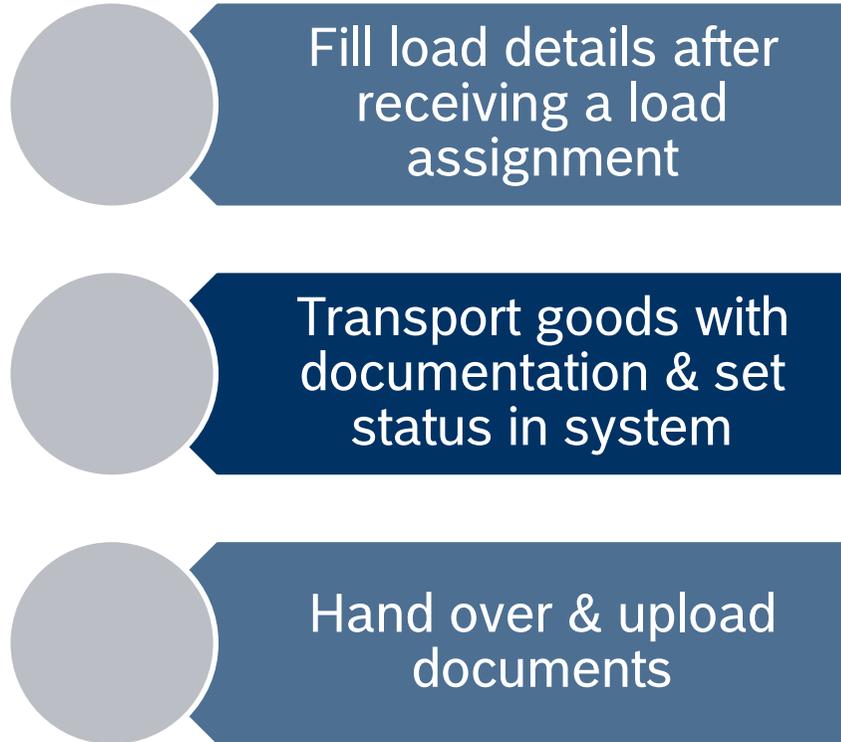
ETA

ATA

- 1 Enter Containir ID
- 2 Enter seal no.
- 3 Enter VGM [kg] and Tare weight of container [kg]
- 4 Save your changes by clicking on the “Save changes” button.

System demo

Just three steps to ensure a reliable transport process



How to set a status?

Status of a load

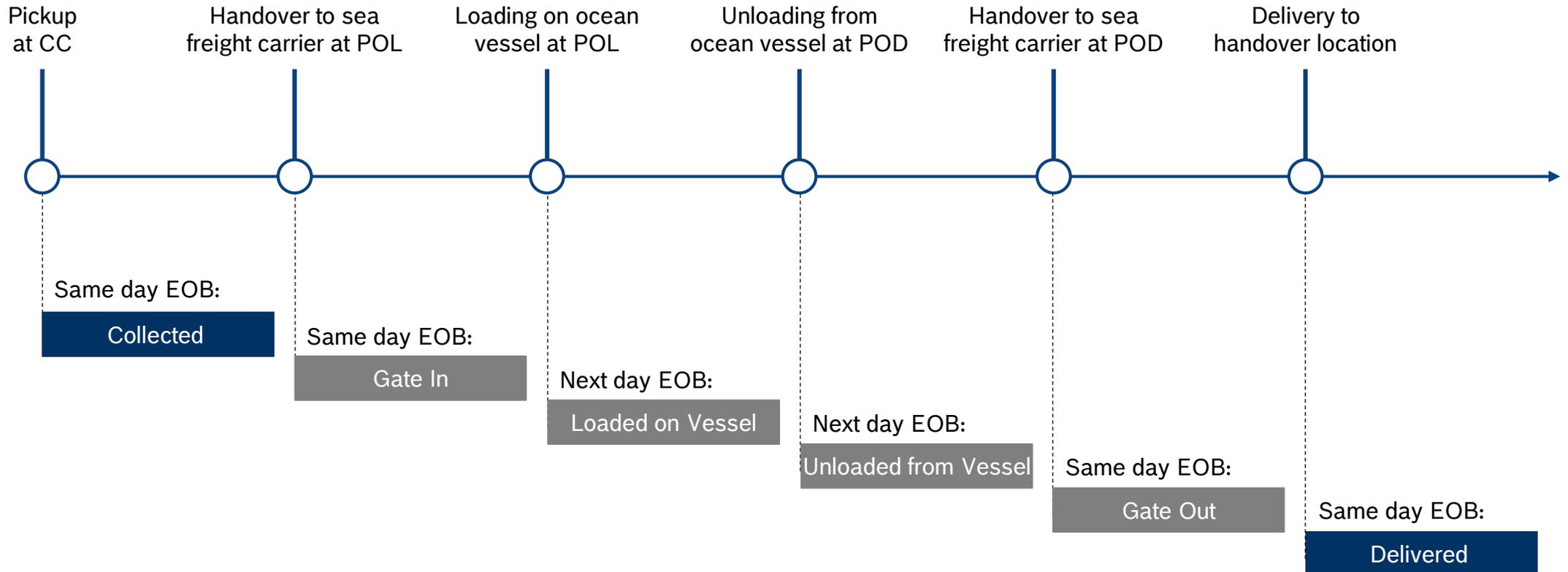
- TM status
- FM status
- Leg status (T&T only)

Assigned	Load has been assigned to the carrier
Collected	Load/TO has been collected
Gate In	Load has arrived at container terminal at POL
Loaded on Vessel	Load has been loaded on ocean vessel at POL
Unloaded from Vessel	Load has been unloaded from ocean vessel at POD
Gate Out	Load has departed from container terminal at POD
Delivered	Load/TO has been delivered (arrival at plant gate)
Billing case created	Load/TO is now available in the FM module
Goods received	Load/TO has been received by the recipient
Attached	Load/TO is now available in the FM module
Priced	The price of the load/TO has been calculated
Clearable	The load/TO can be cleared in the next billing run
Cleared	A billing run has been conducted and credit note data has been transferred to BOSCH SAP for freight cost clearance

How to set a status?

Required TM status and triggering events

The status has to be set immediately after the triggering event:



System demo

How to set the “Goods collected” status?

The carrier is responsible for entering the “Goods collected” status shortly after pick-up.

For setting the “Goods collected” status you have to follow these steps:

- Step 1: Go to “Enter Status”
- Step 2: Select date and time of pick-up
- Step 3: Confirm the “Goods collected” status

How to set a status?

Step 1: Go to “Enter Status”

Username: RBLA_d.silveira

Client: Test_Carrier_1 (FF4Ctest01)

Load overview

T&T	Status	Load RO description	Transport order	Tour stops	Country / ZIP/ City	Pickup Delivery	T. mode ST/RT	No. colli Weight	LM m ³
	collected	1976625	11025408	test supplier 12 908A Bosch Campinas BBM	BR-0000-000 testcity BR-13065-900 CAMPINAS	19.04.2020 19.04.2020	FTL Single trip	1 CLL 500,0kg	0.6 1.08

1 Go to loading list

2 Click on button "Selection of assigned load".

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

Username: RBLA_d.silveira

Client: Test_Carrier_1 (FF4Ctest01)

Enter Status - Detail

Load no.:	1976625	Status:	Load collected
Name:	BR-BR	User:	Danilo Goncalves Silveira
Service provider:	Test_Carrier_1 (FF4Ctest01)	Weight / LM / Vol:	500.00 kg / 0.600 LM / 1.080 m ³
Service:	Road	Transport start:	19.04.2020 08:00
Transport end:	19.04.2020 16:00		

How to set a status?

Step 2: Select date and time of status

Username: [redacted] | Scheduling | Loading list / EDI | Freightcosts | Menu

Client: [redacted]

Enter Status - Detail

Load no.: 1866522 | Status: Load assigned
Name: SOT0008FY | User: [EService User FF4MASTER](#)
Service provider: Dummy_Carrier_AnS (FF4C00100S) | Weight / LM / Vol: 36.00 kg / 0.010 LM / 0.547 m³
Service: Road | Transport start: 12.01.2020
Remarks:

Number plate truck | Measurements of truck: 99 x 99 x 99
Number plate trailer | Measurements of trailer: -- x -- x --
Driver contact | Driver name

Status	Order	Consignor	Country / ZIP / City	Status	Date / Time
References	Recipient			Remarks	Reason code
Shipment assigned	[redacted]	[redacted]	CN 201202 Shanghai CN 215024 Suzhou	Goods collected	04.06.2020

June 2020

Mo	Tu	We	Th	Fr	Sa	Su
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	1	2	3	4	5

- 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

BOSCH inet

Username: [redacted] | Scheduling | Loading list / EDI | Freightcosts | Menu

Client: [redacted]

Enter Status - Detail

Load no.: 1866522 | Status: Load assigned
 Name: SOT0008Y | User: [EService User FF4MASTER](#)
 Service provider: Dummy_Carrier_AnS (FF4C001005) | Weight / LM / Vol : 36.00 kg / 0.010 LM / 0.547 m³
 Service: Road | Transport start: 12.01.2020
 Transport end: 16.01.2020

Remarks:

Number plate truck | Measurements of truck 99 x 99 x 99
 Number plate trailer | Measurements of trailer -- x -- x --
 Driver contact | Driver name

Status	Order References	Consignor Recipient	Country / ZIP / City	Status	Remarks Reason code	Date / Time Receipt time-zone
Shipment assigned	[link]	[redacted]	CN 201202 Shanghai CN 215004 Suzhou	Goods collected		02.06.2020 08:00 Europe/Berlin

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



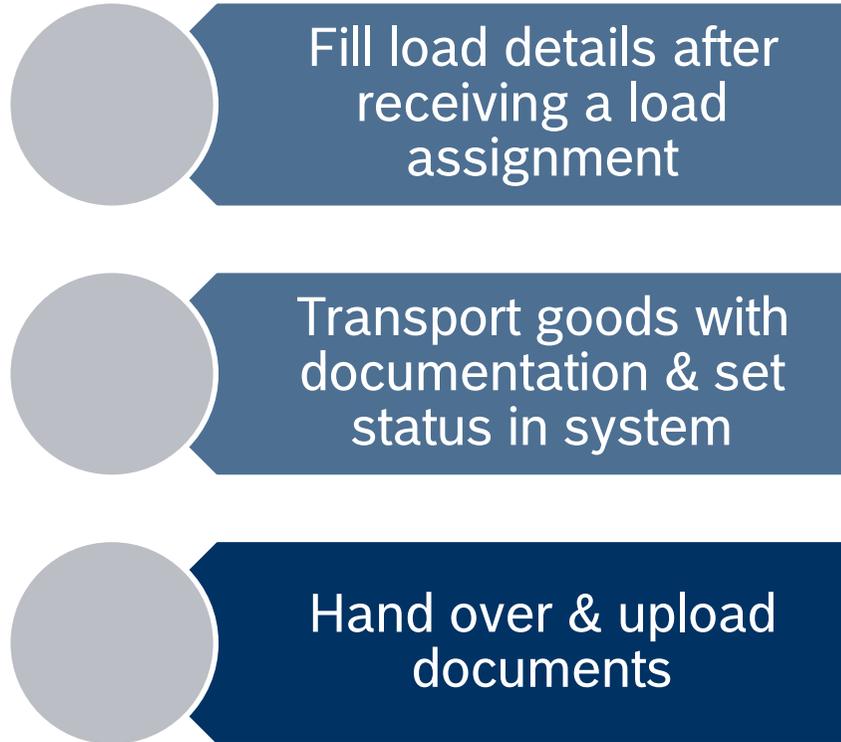
Status:	Load assigned
User:	Bosch Test
Weight / LM / Vol :	10000 kg / 8 LM / 26.88 M3
Transport start:	04.08.2014 13:00
Transport end:	05.08.2014 16:00



Status:	Load collected
User:	Bosch Test
Weight / LM / Vol :	10000 kg / 8 LM / 26.88 M3
Transport start:	04.08.2014 13:00
Transport end:	05.08.2014 16:00

System demo

Just three steps to ensure a reliable transport process



System demo

How to upload documents?

The carrier is responsible for uploading the sea freight relevant documents:

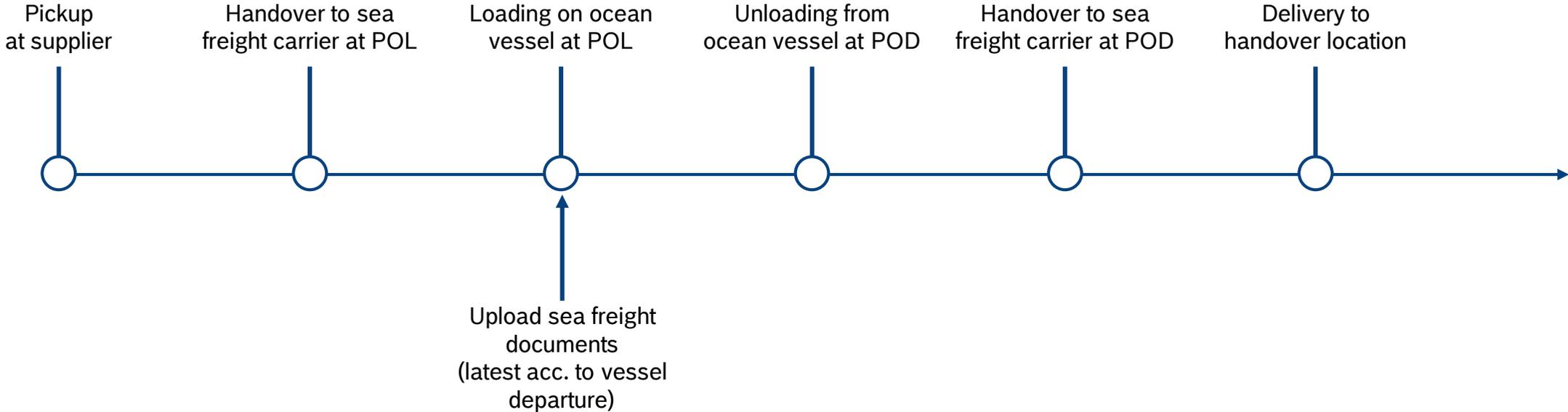
- Sea waybills incl. container manifest
- VGM certificate

For uploading documents you have to follow these steps:

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

How to upload documents?

Timeline for document upload



How to upload documents?

Step 1: Select the relevant load

T&T	Status	Load RO description	Transport order	Tour stops	Country / ZIP / City	Pickup Delivery	I_mode ST/RT	No. colli Weight	LM m³	%
	collected	1276625	11025408	test supplier 12 908A Bosch Campinas BBM	BR-00000-000 testcity BR-13065-900 CAMPINAS	19.04.2020 19.04.2020	FTL Single trip	1 CLL 500 [kg]	0.6 1.08	37.5
	delivered	1276626	11025409	test supplier 12 908A Bosch Campinas BBM	BR-00000-000 testcity BR-13065-900 CAMPINAS	18.04.2020 18.04.2020	FTL Single trip	1 CLL 150 [kg]	0.2 0.60	1.8

- 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

BOSCH inet

Username: Scheduling Loading list / EDI Freightcosts Menu

Client:

Load detail

Load no. 1861343 Status Load delivered

Name * SOT000E91 User EService User FF4MASTER

Service provider Weight / LM / Vol 36.00 kg / -- LM / 0.547 m³

Service AIR Transport start * 07.01.2020 07:00

Service-Level Standard Transport end * 12.01.2020

RO description STD_DZA Round trip

Grouping load ID Secured transport

Transport mode * AIR Un-/ Loading reference

Unique load ID ASCY8Ku70ExUjF2mziM4NI

Remarks

Note carrier

Note internal

Consignor	Recipient	Notify	Notify 2
Customer ID <input type="text"/>		Contact person <input type="text"/>	
Company* <input type="text"/>		Phone <input type="text"/>	
		Fax <input type="text"/>	
Loading / unloading place		eMail <input type="text"/>	
Street* <input type="text"/>		State/Province <input type="text"/>	
Country / ZIP / City* <input type="text"/>			

Transport costs all-in rate EUR

Group

Main Carrier LH Lufthansa MAWB

Airport of departure FRA Frankfurt Airport of destination

Airport of dest. 1 PVG PU DONG Flight no. 1 / Day

By first carrier Flight no. 2 / Day

Airport of dest. 2 Flight no. 3 / Day

By second carrier

Airport of dest. 3

By third carrier

ETD 09.01.2020 09:00 ETA 11.01.2020 09:00

1 Access document management by clicking on button „Documents” 

How to upload documents?

Step 3: Upload documents

The screenshot displays the BOSCH inet web interface. At the top, there is a navigation bar with the BOSCH logo, a menu icon, and the text 'inet'. Below this, there are navigation links for 'Scheduling', 'Loading list / EDI', 'Freightcosts', and 'Menu'. The main content area is divided into sections: 'Client' information, 'Load documents' (a table with columns for Document name, Document type, Date / time, and User), and 'Transport order documents' (a table with columns for Document name, Document type, Date / time, and User). At the bottom, there is an 'Upload document' section with a dropdown menu for document type, a text input field for 'Filename & path', and an 'Add' button. Red boxes and numbers 1, 2, and 3 highlight the dropdown menu, the 'Durchsuchen...' button, and the 'Add' button, respectively.

Document name	Document type	Date / time	User
[Redacted]	HB/L	07.01.2020 11:11	[Redacted]

Document name	Document type	Date / time	User
492129_130.pdf	Arrival Notice	02.01.2020 15:22	[Redacted]

Upload document

Export declaration [v] Filename & path: Durchsuchen... keine Datei ausgewählt. Add

- 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?
Setup	What are the steps to get the process established?
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?

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

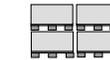
Load damage

Customs issue

Carrier is late for delivery with notification

Recipient delays delivery

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



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!

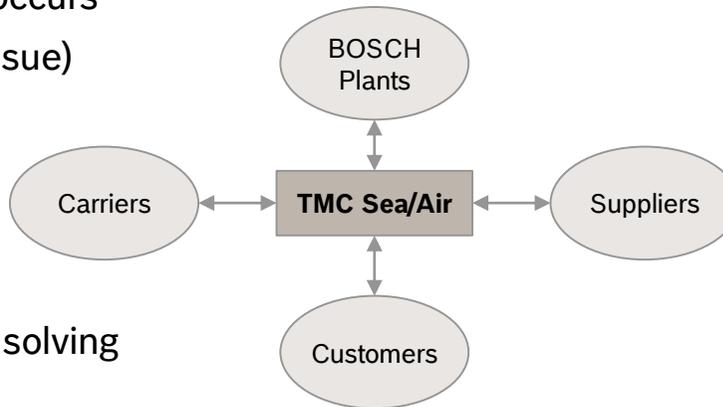


Carriers are responsible for:

- 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



Agenda

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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?

Support

Internet browsers

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

English:

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

German:

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

Glossary

Abbreviations	Explanations
AOR	Alternative Operative Route
FM	Freight Cost Management
FTL	Full truck load
LSP	Logistics Service Provider
LTL	Less than truck load
OD	Origin-Destination
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

Document change history

Version	Date	Reference	Description of change	Status
4.0	24.10.2017	4flow / M. Vogt	Revised version by 4flow and CP/LOT - ready for final approval by CP/LOT-EU5	