

TMC SEA/ AIR

CARRIER TRAINING – AIRFREIGHT

Agenda

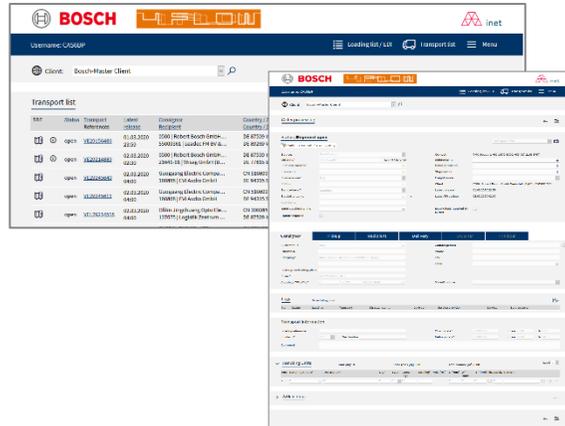
Topic	Content
Introduction I	BOSCH TMC/TMS – what is it about?
Introduction II	TMS specifics - Air freight
Daily Business & System Demo	What are the carrier's tasks? How to work with the system?
Exceptional handling	What might happen and how to act?
Wrap up and Support	Short summary of most important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

Introduction

Modules of the TMS

Transport Management (TM)

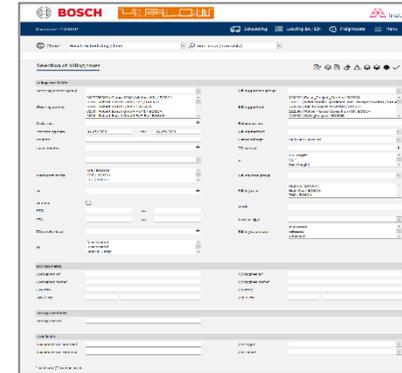
- Creation of transport orders
- Release of loads to carrier
- Documentation of transport status



→ 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



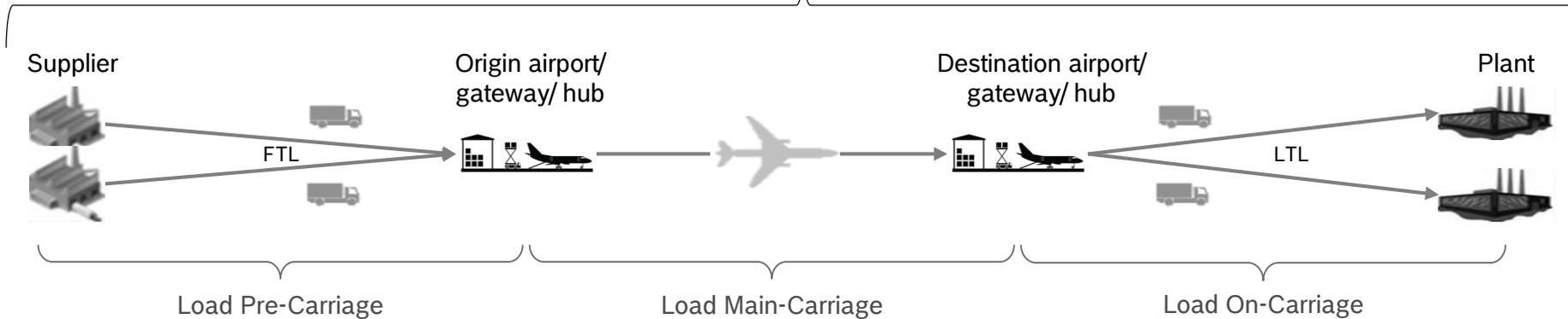
→ Used by TMC and carriers

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



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

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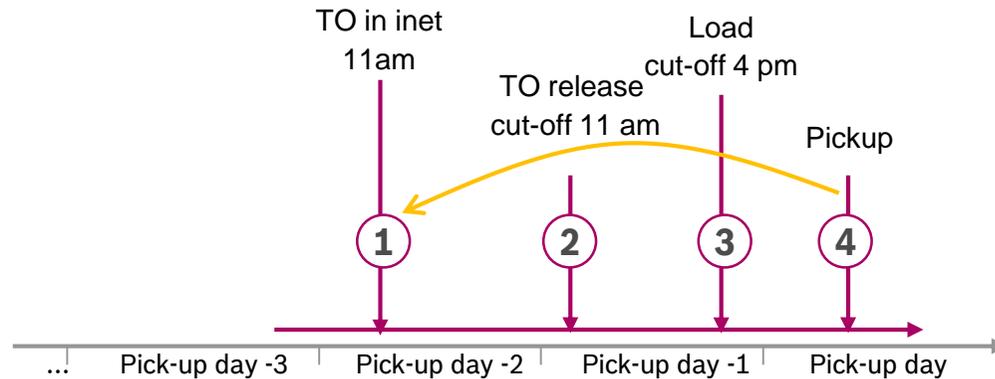
TMC Sea/Air project – Air freight Introduction

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



TMC Sea/Air project – Air freight Introduction

Comparison of air freight services

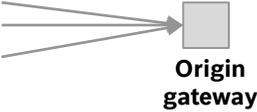
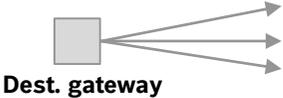
<p>BSA / Airbridge A2A</p>		<p>3 individual loads assigned to 3 LSPs separately:</p> <ul style="list-style-type: none"> ▪ LSP-Pre resp. for pre-carriage to origin gateway ▪ LSP-Main resp. for Airport2Airport (A2A) service ▪ LSP-On resp. for on-carriage from destination gateway
<p>A2D</p>		<p>2 individual loads assigned to 2 LSPs separately:</p> <ul style="list-style-type: none"> ▪ LSP-Pre resp. for pre-carriage to origin gateway ▪ LSP-Main responsible for Airport2Door (A2D) service incl. on-carriage from destination gateway
<p>D2A</p>		<p>2 individual loads assigned to 2 LSPs separately:</p> <ul style="list-style-type: none"> ▪ LSP-Main responsible for Doort2Airport (D2A) service incl. pre-carriage to origin gateway ▪ LSP-On resp. for on-carriage from destination gateway
<p>D2D</p>		<p>1 load assigned to only 1 LSP:</p> <ul style="list-style-type: none"> ▪ LSP-Main responsible for Doort2Door (D2D) service incl. pre-carriage to origin gateway and on-carriage from destination gateway



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

- 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)	✓	✓	✓

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

Service	Status (TMS)	Status (IFTSTA)
AF Pre	<ol style="list-style-type: none">1. Collected2. Delivered	<ol style="list-style-type: none">1. S02 – Cargo pickup2. S31 – delivered at hub origin
AF Gateway/ Hub	<ol style="list-style-type: none">1. Goods receipt at handling location2. Goods issued at handling location3. Documents arrived (Brazil only)	<ol style="list-style-type: none">1. S32 – Freight On Hand Hub/CC Inbound2. S33 - Freight On Hand Hub/CC Outbound3. S24 – documents handover
AF Main	<ol style="list-style-type: none">1. Collected2. -3. Aircraft departure4. Aircraft arrival5. Cleared for import (opt.)6. Delivered	<ol style="list-style-type: none">1. S02 – Cargo pickup2. S18 – Shipment booked with carrier3. S04 – cargo departure4. S07 – cargo arrival5. S30 – Customs release (opt.)6. S31 – delivered at destination

Additional load and TO information required in TMS for TMC processes

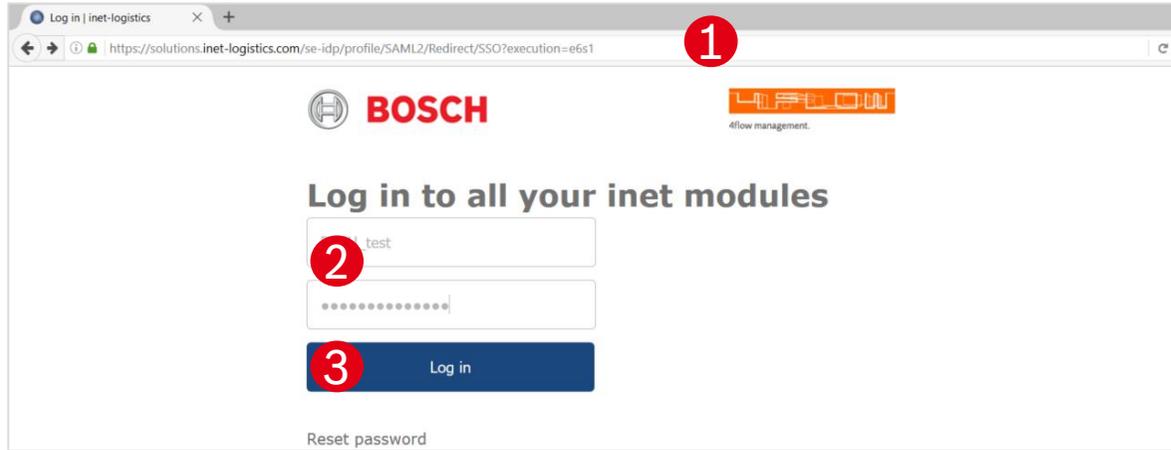
Air freight
<ul style="list-style-type: none">▪ Airline (Load)▪ Airport of departure (Load)▪ Airport of destination1 (Load)▪ ETA (Load)▪ ETD (Load)▪ ATA (Load)▪ ATD (Load)▪ MAWB (Load)▪ HAWB (TO)▪ Flight no. (Load)▪ Remark (Load)

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System demo

Log into the TMS

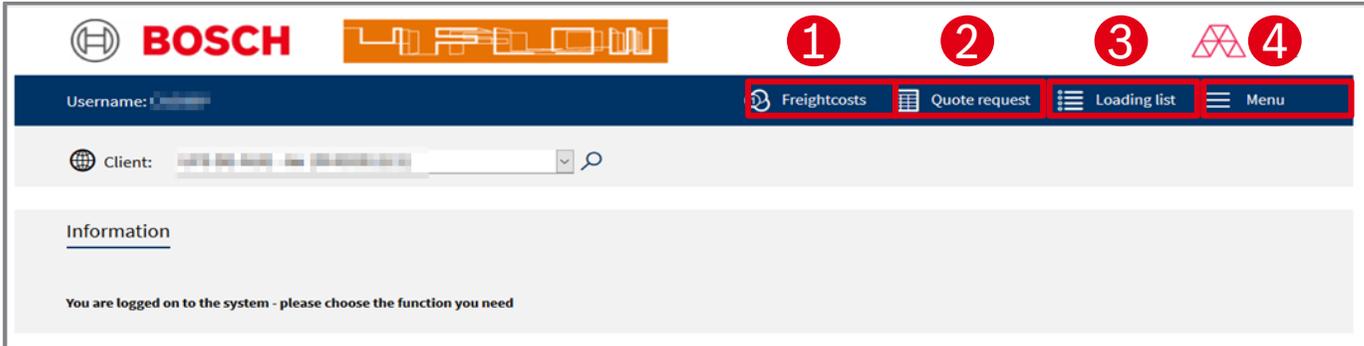


- 1 Open your internet browser and go to: <https://solutions.inet-logistics.com/Is/Login?Lang=EN&Branding=BOSCH&LoginSystemId=INETIDP>
- 2 Type in your username and password
- 3 Press "Login" to log into the TMS. You have to change your password the first time you log in

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

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

Username: [details](#) [logout](#) [in](#) [anmelden](#)

Client:

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 m³	%
	assigned	2051495 STD_D2D_C_R	VEA31891740	Homburg (Deutschland) ...	DE-66424 Homburg US-18020 PA BETHLEHEM	05.05.2020 11.05.2020	AIR Single trip	7 CLL 167 [kg]	0.25	
	assigned	2051928 Oversize SPOT	11067488	Roethlein (Deutschland) ...	DE-97520 Roethlein US-28273 NC CHARLOTTE	05.05.2020 11.05.2020	AIR Single trip	1 CLL 80 [kg]	0.24	
	assigned	2052005 STD_D2D_B_B	VE31863201	Greer (USA) ...	PT-3880-728 OVAR US-29651 SC GREER	05.05.2020 12.05.2020	AIR Single trip	15 CLL 1610 [kg]	16.56	
	assigned	2052385 OV SPOT	11058475	Kornwestheim (Deutschland) ...	DE-70806 Kornwestheim IN-641035 Tamil Nadu	08.05.2020 15.05.2020	AIR Single trip	4 CLL 986 [kg]	6.81	
	assigned	2052777	11068366	Schwabheim (Deutschland) ...	DE-97525 Schwabheim US-28273 NC CHARLOTTE	07.05.2020 14.05.2020	AIR Single trip	4 CLL 95 [kg]	0.29	
	assigned	2052999 STD_D2D_C_R	VEA31895244	Nürnberg (Deutschland) ...	DE-90441 Nürnberg US-18020 PA BETHLEHEM	06.05.2020 11.05.2020	AIR Single trip	13 CLL 251 [kg]	0.51	
	assigned	2053004 STD_D2D_B_B	VE31871827	Grentheville (USA) ...	FR-14540 Grentheville US-29483 SC Summerville	06.05.2020 14.05.2020	AIR Single trip	1 CLL 229 [kg]	1.20	
	assigned	2053527 STD_D2D_B_B	VE31095129	Sirod (USA) ...	FR-39300 Sirod US-29483 SC Summerville	06.05.2020 13.05.2020	AIR Single trip	1 CLL 83 [kg]	0.22	
	assigned	2054349 STD_D2A	VEA30776471	Reutlingen (Deutschland) ...	DE-72770 Reutlingen IN-560300 Bangalore	07.05.2020 12.05.2020	AIR Single trip	5 CLL 403 [kg]	2.85	
	assigned	2054452 STD_D2D_C_R	VEA31914248	Lohr (Deutschland) ...	DE-97816 Lohr US-18020 PA BETHLEHEM	07.05.2020 12.05.2020	AIR Single trip	22 CLL 4144 [kg]	5.86	
	assigned	2054456	11069756	Schwabheim (Deutschland) ...	DE-97525 Schwabheim US-28273 NC CHARLOTTE	08.05.2020 15.05.2020	AIR Single trip	1 CLL 325 [kg]	0.12	
	assigned	2055827 STD_D2A_C_N	11070752	Adra San Martino (Italien) ...	IT-24060 Adra 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 (1/4)

Load detail

Load no. 197626 Status Load delivered

Name * User

Service provider Weight / LM / Vol 150.00 kg / 0.250 LM / 0.600 m³

Service Transport start *

Service-Level Transport end *

RO description Branch/Depot

Grouping load ID Round trip

Transport mode * Secured transport

Unique load ID 4WVZlk8dyWc76dmsAQGG Un-/ Loading reference

Remarks

Note carrier

Transport costs EUR Group

Truck Means of transport

Number plate truck Measurements of truck [m] x x

Number plate trailer Measurements of trailer [m] x x

Driver contact Driver name

Max. weight [kg] Max. volume [m³]

Dangerous goods allowed Max. LM [%]

Documents

Function Carrier's reference no.

Transport list

P Seq	D Seq	Status Prev. load	Info	Transport References	Consignor Recipient	Country / ZIP/ City	Pickup Delivery	Incoterm	Weight # Colli	Volume	
1	2	delivered		11025409	test supplier 12 908A Bosch Campina	BR-00000-000 SP BR-13065-900 SP	18.04.2020 08:00-09:00 18.04.2020 10:00-11:00	FCA	150.0 kg 1 CLL	0.60 m ³	<input type="checkbox"/>

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.

System demo

Load details (3/4)

Load detail

Load no.	1976626	Status	Load delivered
Name *	BR-BR	User	Daniilo Goncalves Silveira
Service provider	Test_Carrier_1 (9F4Ctest01)	Weight / LM / Vol	150.00 kg / 0.250 LM / 0.600 m ³
Service	Road	Transport start *	18.04.2020 08:00
Service-Level		Transport end *	18.04.2020 11:00
RO description		Branch/Depot	non-vista (non-vista)
Grouping load ID		Round trip	<input type="checkbox"/>
Transport mode *	FTL	Secured transport	<input type="checkbox"/>
Unique load ID	4WVZlk8dyWc76dmsAQGG	Un- / Loading reference	
Remarks			
Note carrier			

Transport costs	all-in rate EUR	Group	
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Truck		Means of transport	Standard
Number plate truck		Measurements of truck [m]	13.6 x 2.48 x 2.75
Number plate trailer		Measurements of trailer [m]	x x
Driver contact		Driver name	
Max. weight [kg]		Max. volume [m ³]	
Dangerous goods allowed <input type="checkbox"/>		Max. LM [%]	105
		Documents	

Function	Save Carrier's reference no. on leg	Carrier's reference no.	
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Transport list

P Seq	D Seq	Status Prev. load	Info	Transport References	Consignor Recipient	Country / ZIP/ City	Pickup Delivery	Incoterm	Weight # Colli	Volume	<input type="checkbox"/>
1	2	delivered		11025409	test supplier 12 908A Bosch Campina	BR-00000-000 SP BR-13065-900 SP	18.04.2020 08:00-09:00 18.04.2020 10:00-11:00	FCA	150.0 kg 1 CLL	0.60 m ³	<input type="checkbox"/>

Load details of current load:

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

System demo

Load details (4/4)

Load detail

Load no. 1976626	Status Load delivered	
Name * BR-BR	User Danilo Goncalves Silveira	
Service provider Test_Carrier_1 (9F4Clea01)	Weight / LM / Vol 150.00 kg / 0.250 LM / 0.600 m ³	
Service Road	Transport start * 18.04.2020 08:00	
Service-Level	Transport end * 18.04.2020 11:00	
RO description	Branch/Depot non-vista (non-vista)	
Grouping load ID	Round trip <input type="checkbox"/>	
Transport mode * FTL	Secured transport <input type="checkbox"/>	
Unique load ID 4WVZik8dyWc76dmsAQGG	Un- / Loading reference	
Remarks		
Note carrier		

Transport costs all-in rate EUR	Group	
Truck	Means of transport Standard	
Number plate truck	Measurements of truck [m] 13.6 x 2.48 x 2.75	
Number plate trailer	Measurements of trailer [m] x x	
Driver contact	Driver name	
Max. weight [kg]	Max. volume [m ³]	
Dangerous goods allowed <input type="checkbox"/>	Max. LM [%] 105	
	Documents	
Function Save Carrier's reference no. on leg	Carrier's reference no.	

Transport list

P Seq	D Seq	Status Prev. load	Info	Transport References	Consignor Recipient	Country / ZIP/ City	Pickup Delivery	Incoterm	Weight # Colli	Volume	<input type="checkbox"/>
1	2	delivered		11025409	test supplier 12 908A Bosch Campina	BR-00000-000 SP BR-13065-900 SP	18.04.2020 08:00-09:00 18.04.2020 10:00-11:00	FCA	150.0 kg 1 CLL	0.60 m ³	<input type="checkbox"/>

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

Status: **consignment collected**

Fields marked with * are obligatory

Transport order

1 **Order header**

Service: Road Freight
Order no*: 11025409 from 20.04.2020
Purchase order no. +
Invoice no. +
Business case*: Full
RMA no. +
Service-Level*: Standard
Special cargo no. +
Export declaration no. +
Update required

Contact: TMC Support, +36 1 879-8500; +55 (19) 2103 1767
Reference no. +
Delivery note no. +
Shipment no. +
Freight mode: air
Client: test supplier 12 (FF45test12)
Latest release
Latest TO update
Export decl. required by carrier:

2 **Address information**

Consignor Pickup Recipient Delivery TO Owner Principal

Customer ID: LOC981
External ID
Company*: test supplier 12
Contact person
Phone
Fax
eMail

Loading / unloading place
Street*: test supplier street 12
Country / ZIP / City*: BR 00000-000 testcity
State/Province: São Paulo

3 **Leg and transport information**

Transport information

Loading reference
Incoterm*: FCA Destination
Comment

Pickup date*: 19.04.2020 from 08:00 to 09:00
Delivery date*: 19.04.2020 from 15:00 to 16:00

4 **Carrier information**

Carrier information

Airline
Shipping Line
Flight no.
Vessel name
Voyage no.
Master AWB / B/L
House AWB / B/L: 12345678
Booking no.
Origin Port
Destination Port
ETD
ETA
ATD
ATA: 11.01.2020 10:00

5 **Package and article information**

Handling Units

Total pkgs: 1 Total gross (kg): 500.00 Total volume (m³): 1.08 Level: 1

Pos	Handling Unit ID*	Description*	Qty*	Type*	Gross (kg)	Tare (kg)	Vol* (m ³)	L* (mm)	W* (mm)	H* (mm)	Pkg. Stack*	Remark
1	A_MODELLO_PALLE	Modello para palletto com altura variavel	1	CL	500.00	1.000	1.200	1.800	900	1		

Article data

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.

System demo

Just two steps to ensure a reliable transport process



Transport goods
with
documentation &
set status in
system



Hand over &
upload
documents

System demo

Load assignment

Am: Malte Vogt
Cc: inst-training
Anhang: loading-list.pdf (26 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
201683	Test Carrier 1	AIR	non-vista (non-vista)	31.07.2017 10:00

Stop	Date	Pickup TO	Deliver TO
Hub 1 ES-08223	31.07.2017	10040804; 10040805; 10040806	
AirSea Hub CN1 CN-12345	03.08.2017		10040804; 10040805; 10040806

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

[Login](#) /Login

With kind re

Logistics service provider:
Carrier DE
An der Schmiele
DE-26135 Oldenburg

4flow management GmbH
Hallerstraße 1
DE-10587 Berlin

Unique Load ID: HQI02M67NP9IEFMFL0ZQd5
Load: 209237 / NLAS-HUBMDETSU-DEDT000002BDITMSTES
Transport start: 01.03.2017 11:30
Transport end: 03.03.2017 23:59
Date / Time: 20.03.2017 14:54
RO Description: PC_G-H_S
Remarks:

Assignment List

Load:



1 from 1

Means of Transport: Mega

Pickup address	Delivery address	Transport Order	Service	Handling unit qty.	HU ID	Loading m.
		Pick-up date	Business case	HU Description	Remarks	Weight
		Date of Recipient	Service-Level	L / W / H	Stackability	Volume
		Incoterm / Destination	Special cargo no.			
Test Supplier DE - Location G Main Street 165 DE-77777 Stuttgart	TEST HUB EU1 TESTBRANCH Teststreet 1 NL-12345 Lutteleest	V000054742 01.03.2017 11:30 - 12:00 Full 03.03.2017 00:00 FCA	Air Freight Standard	3 Euro Pallet_Full 0,8 x 1,2 x 1,0 m	Euro PAL_FLL 999	0,4 LM 120,0 kg 2,88 m³

RAKC ID: BE/RA/00888-01/0310
Secured TO according to annex 17 ICAO
Consignor: Test Supplier 1 (ID: LOC-TS1-B); Testbranch B; Gartenstraße 8; DE 07743; Jena
Recipient: Test Plant CN - Location ONE (ID: TPL-CN); TPL-CN; 120 Huaxia Elevated Road; CN 201200; Shanghai
Ordering entity: FFO3PDE
TO-Owner: Business Development; Supplier DE; XXXXX

Number of consignments: 1 Sum packaging: 3 Sum Loading m.: 0,4 LM Sum weight: 120,00 kg Sum volume: 2,880 m³

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

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”

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: SOT0008Y | User: [Service 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
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	Consignor	Country / ZIP / City	Status	Date / Time
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

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



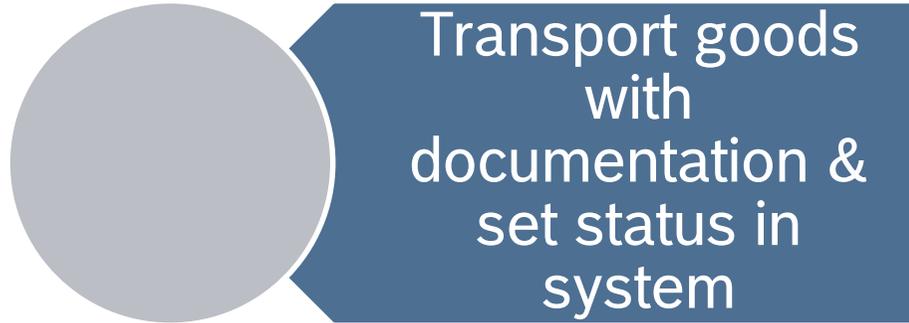
Status:	Load assigned
User:	Bosch Test
Weight / LM / Vol :	10000 kg / 8 LM / 26.88 M3
Transport start:	04.08.2014 13:00
Transport end:	05.08.2014 16:00



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 two steps to ensure a reliable transport process



Transport goods
with
documentation &
set status in
system



Hand over &
upload
documents

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

How to upload documents?

Timeline for document upload



How to upload documents?

Step 1: Select the relevant load

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	L_mode ST/RT	No. coll. Weight	LM m ³	%
	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	11025402	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 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 1: Select the relevant load

- Go to loading list
- Click on button "Selection of assigned load": Overview of a
- Click on button "Selection": Function for the searching by s
- Self-defined time periods
- 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

The screenshot shows the BOSCH inet web application interface. At the top, there are logos for BOSCH and inet, along with navigation links for Scheduling, Loading list / EDI, Freightcosts, and Menu. The user is logged in as 'User: [redacted]'. Below the navigation bar, there is a 'Client' dropdown menu. The main content area is titled 'Load detail' and contains a form with various fields. A red circle with the number '1' highlights the 'Documents' icon in the top right corner of the form area. The form fields are organized into several sections: 'Load detail', 'Consignor', 'Recipient', 'Notify', 'Notify 2', 'Transport costs', and 'Group'. The 'Load detail' section includes 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. The 'Consignor' section includes fields for Customer ID, Company, and Loading / unloading place. The 'Recipient', 'Notify', and 'Notify 2' sections include fields for Contact person, Phone, Fax, eMail, and State/Province. The 'Transport costs' section includes fields for Main Carrier, Airport of departure, Airport of dest. 1, By first carrier, Airport of dest. 2, By second carrier, Airport of dest. 3, By third carrier, and ETD. The 'Group' section includes fields for MAWB, Airport of destination, Flight no. 1 / Day, Flight no. 2 / Day, Flight no. 3 / Day, and ETA.

1 Access document management by clicking on button „Documents” 

How to upload documents?

Step 3: Upload documents

The screenshot shows 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 is a header with 'Username: [redacted]' and navigation links for 'Scheduling', 'Loading list / EDI', 'Freightcosts', and 'Menu'. A 'Client:' field is visible. The main content area is divided into sections: 'Load documents' and 'Transport order documents'. The 'Load documents' section contains a table with columns for 'Document name', 'Document type', 'Date / time', and 'User'. The 'Transport order documents' section contains 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 'Export declaration', a 'Filename & path' field with a 'Durchsuchen...' button, and an 'Add' button. Red boxes and numbers 1, 2, and 3 highlight these elements.

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 [dropdown] Filename & path: [input] **Durchsuchen...** keine Datei ausgewählt **Add**

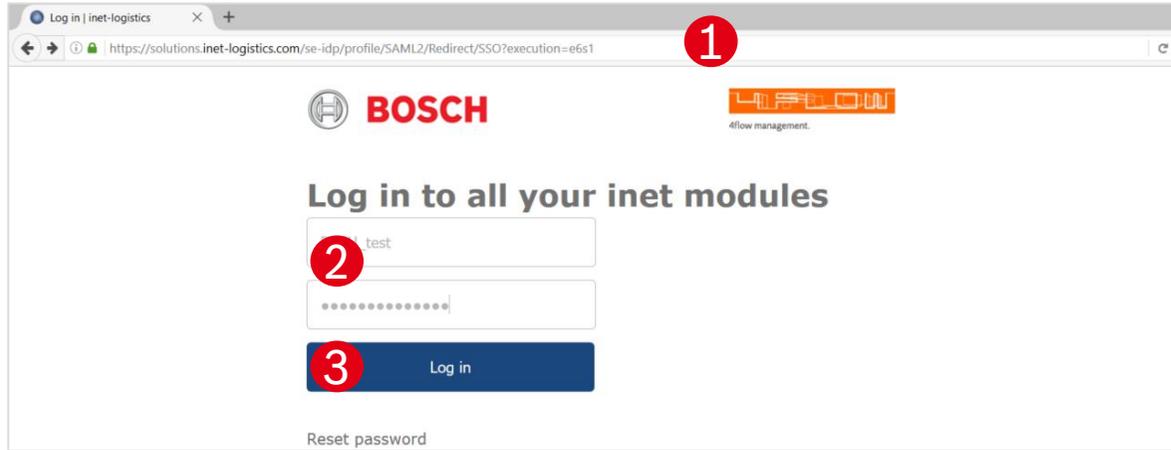
- 1 Select relevant document type from the dropdown menu
- 2 Click on “Browse” button to search for the file to be uploaded
- 3 Click on “Add” to upload the document.

Agenda

Topic	Content
Introduction	BOSCH TMC/TMS – what is it about?
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?

System demo – Hub client

Log into the TMS



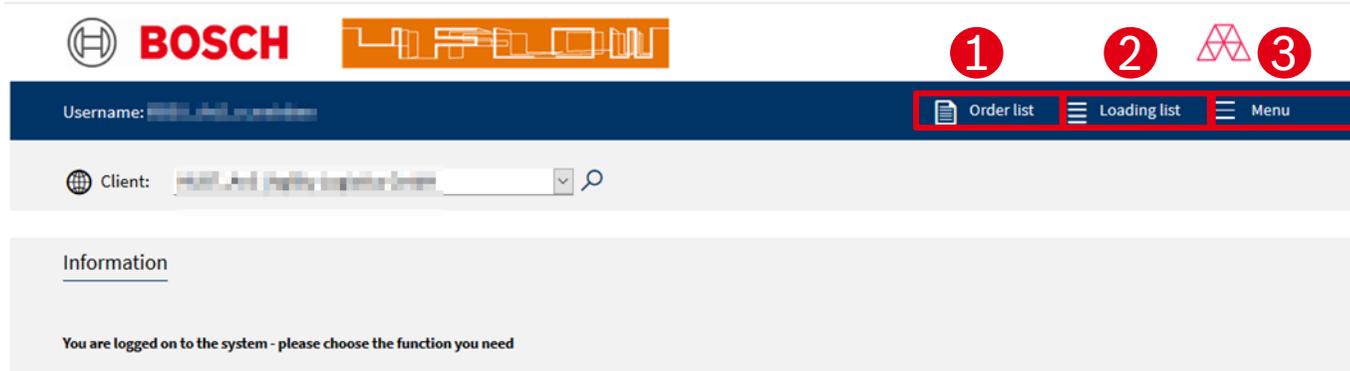
The screenshot shows a web browser window with the URL <https://solutions.inet-logistics.com/se-idp/profile/SAML2/Redirect/SSO?execution=e6s1>. The page features the BOSCH logo and the 4FLOW logo (4flow management). The main heading is "Log in to all your inet modules". Below this, there is a username input field containing "test" (annotated with a red circle 2), a password input field with masked characters, and a blue "Log in" button (annotated with a red circle 3). A "Reset password" link is located at the bottom left. A red circle 1 is placed in the top right corner of the browser window.

- 1 Open your internet browser and go to:
<https://solutions.inet-logistics.com/Is/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.

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

Username:

Client:

Order list

T&T	Status	Transport Reference	Consignor Recipient	Country / ZIP / City	# Coll	Volume	Delivery date Pickup date	Load	Service Provider	T.mode
	assigned	VE33087834		ES 08980 Sant Feliu De LL... MX 50071 TOLUCA	1 CLL 278.00 kg	0.374 m³	12.06.2020 06:00-21:00 -	2086948	DHL Global Fo...	HUB
	assigned	VEA33092276 ... 1206381628		DE 96050 BAMBERG US 29483 Summerville	8 CLL 4779.00 kg	8.732 m³	09.06.2020 06:00-21:00 -	2086933	DHL Global Fo...	HUB
	assigned	VE33001664 2...		DE 51429 BERGISCH GLA... MX 20358 AGUASCALIENT...	1 HEU 110.00 kg	0.288 m³	09.06.2020 06:00-21:00 -	2086921	DHL Global Fo...	HUB

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

1 Order header

2 Address information

3 Leg and transport information

4 Carrier information

5 Package and article information

The screenshot shows a web interface for a transport order. At the top, the status is 'consignment collected'. Below this, there are several sections: 1. Order header: Includes fields for Service (Road Freight), Order no. (11025409), Purchase order no., Invoice no., Business case* (Full), RMA no., Service-Level* (Standard), Special cargo no., and Export declaration no. It also includes contact information for TMC Support. 2. Address information: A tabbed interface with 'Consignor', 'Pickup', 'Recipient', 'Delivery', 'TO Owner', and 'Principal'. The 'Consignor' tab is active, showing fields for Customer ID, External ID, Company, Street, Country/ZIP/City, and State/Province. 3. Leg and transport information: Fields for Loading reference, Incoterm* (FCA), Pickup date* (19-04-2020), and Delivery date* (19-04-2020). 4. Carrier information: Fields for Airline, Shipping Line, Flight no., Vessel name, Voyage no., Master ABB / B/L, House ABB / B/L, and Booking no. 5. Package and article information: A table with columns for Pos, Handling Unit ID, Description, Qty, Type, Gross (kg), Tare (kg), Vol (m³), L (mm), W (mm), H (mm), Pkg. Stack, and Remark. The table shows one row with a quantity of 1 and a gross weight of 500.00 kg. Below the table is an 'Article data' section.

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.

System demo – Hub client

Loading list

T&T	Status	Load RO_description	Transport	Tour stops	Country / ZIP/ City	Pickup Delivery	Service provider License plate	T_mode ST/RT	Weight Volume	LM PCs	%		
				VE31755027 VE31817688 VE31817690 VE31862958 VE31863027 11064134 11065096 11065509 11065908 11065912 11066385 11066458 11066579 11067506 11067797 11067950	HUB1 - Reutlingen	DE-72766 Reutlingen	05.05.2020		HUB	10207 kg	11.7	86.2	
	assigned	2052244 HUB1_9360-01:H01#RT			AT-5400 HALLEIN	06.05.2020		Single trip	46.36 m³	73			
	assigned	2053699 040W_8100-01:M01#IN#RT	VE31862909 11067607	0800-01 Robert Bosch G... HUB1 - Reutlingen 8100-05 Robert Bosch EL...	DE-72770 Reutlingen DE-72766 Reutlingen DE-38228 Salzgitter	05.05.2020 05.05.2020 06.05.2020		MR Single trip	824 kg 6.59 m³	1.2 8	8.8		

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



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

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”

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: SOT0008Y | 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
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	Consignor	Country / ZIP / City	Status	Date / Time
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

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

Client: [redacted]

Enter Status - Detail

Load no.: 1866522 | Status: Load assigned
Name: SOT0008Y | User: [Service 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			CN 201202 Shanghai CN 215004 Suzhou		Goods collected	02.08.2020 08:00

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



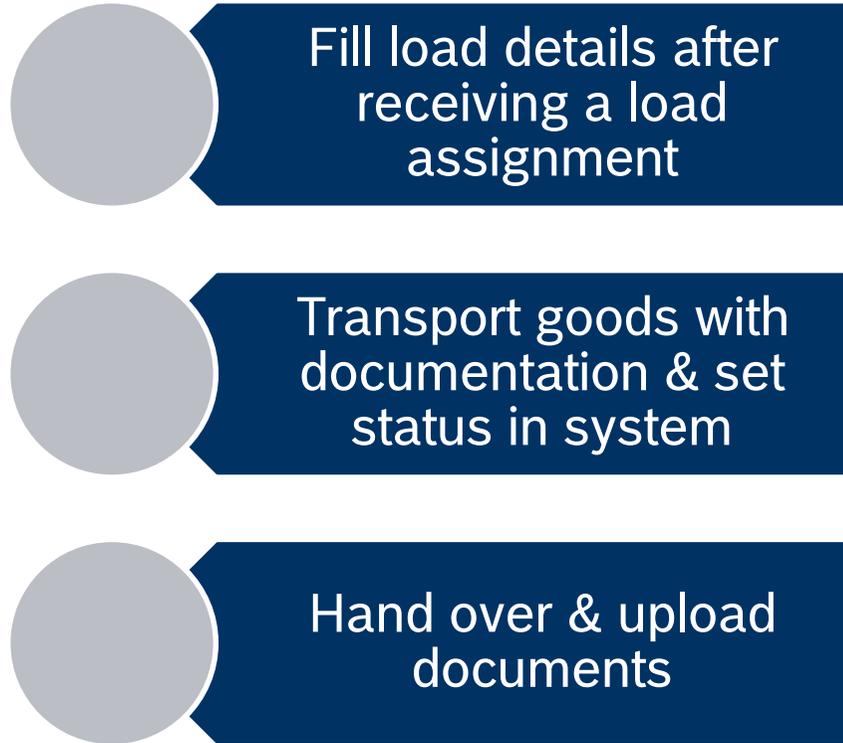
Status:	Load collected
User:	Bosch Test
Weight / LM / Vol :	10000 kg / 8 LM / 26.88 M3
Transport start:	04.08.2014 13:00
Transport end:	05.08.2014 16:00

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?

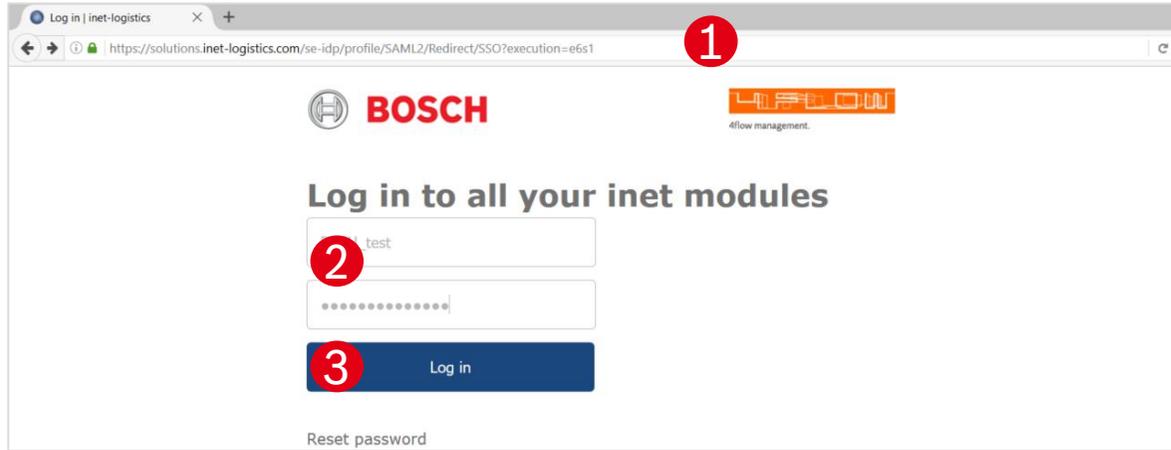
Daily business

Just three steps to ensure a reliable transport process



System demo

Log into the TMS

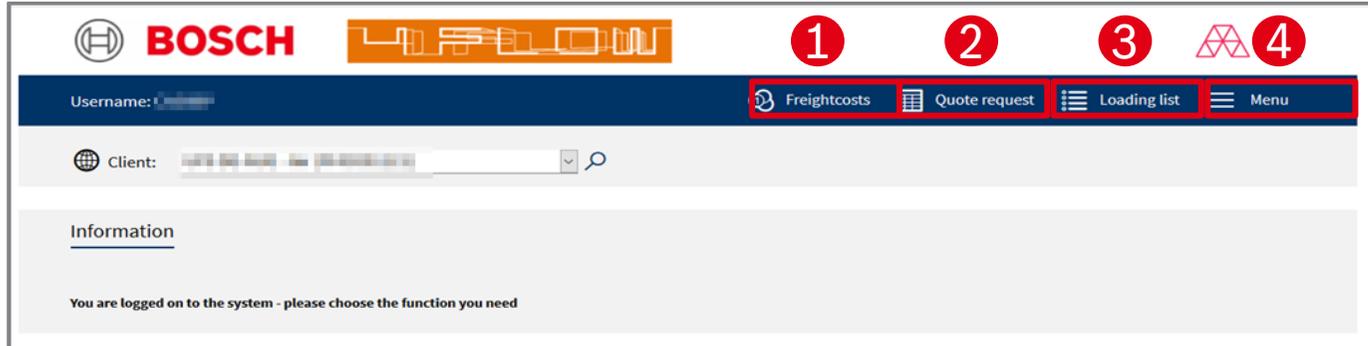


- 1 Open your internet browser and go to: <https://solutions.inet-logistics.com/Is/Login?Lang=EN&Branding=BOSCH&LoginSystemId=INETIDP>
- 2 Type in your username and password
- 3 Press "Login" to log into the TMS. You have to change your password the first time you log in

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

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	%
	assigned	2051495 STD_D2D_C_R	VEA31891740	Homburg (Deutschland) ... 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	
	assigned	2051928 Oversize SPOT	11067488	Roethlein (Deutschland) ... 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	
	assigned	2052005 STD_D2D_B_B	VE31863201	OVAR (Deutschland) ... 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	
	assigned	2052385 OV SPOT	11058475	Kornwestheim (Deutschland) ... 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	
	assigned	2052777	11068366	Schwabheim (Deutschland) ... 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	
	assigned	2052999 STD_D2D_C_R	VEA31895244	Nürnberg (Deutschland) ... 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	
	assigned	2053004 STD_D2D_B_B	VE31871827	Grentheville (Deutschland) ... 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	
	assigned	2053527 STD_D2D_B_B	VE31095129	Sirod (Deutschland) ... 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	
	assigned	2054349 STD_D2A	VEA30776471	Reutlingen (Deutschland) ... IN-560300 Bangalore	DE-72770 Reutlingen IN-560300 Bangalore	07.05.2020 12.05.2020	AIR Single trip	5 CLL 403 [kg]	2.85	
	assigned	2054452 STD_D2D_C_R	VEA31914248	Lohr (Deutschland) ... 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	
	assigned	2054456	11069756	Schwabheim (Deutschland) ... 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	
	assigned	2055827 STD_D2A_C_N	11070752	Adra San Martino (Italien) ... US-30320 GA Atlanta	IT-24060 Adra 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)

1

Load detail

Load no. 2082984 Status Load assigned
Name * SOT0003HY User ESEVDSK User: FFRMASTER
Service provider DHL - Airline (Germany, D (Germany)) Weight / LM / Vol 8.31 kg / - LM / 0.192 m³
Service AIR Transport start * 08:45
Service-Level Standard Transport end * 14:00
Branch/Depot CNEXU-air-vsta (cn-air-vst)
Round trip
RO description DHL/ZH/WH_SubP180866_STD Secured transport
Grouping load ID Un-/ Loading reference
Transport mode * AIR
Unique load ID R01qqRKBvatF3Kv02yY
Remarks
Note carrier

2

Consignor

Consignor	Recipient	Notify	Notify 2
Customer ID		Contact person	
Company*		Phone	
Loading / unloading place		Fax	
Street*		eMail	
		State/Province	

Transport costs

all-in rate EUR

Main Carrier		Group	
Airport of departure		MAWB	
Airport of dest. 1		Airport of destination	
By first carrier		Flight no. 1 / Day	
Airport of dest. 2		Flight no. 2 / Day	
By second carrier		Flight no. 3 / Day	
Airport of dest. 3		ETA	
By third carrier		ATA	
ETD		Number plate trailer	
ATD		Mac. weight [kg]	
Blocked space agreement <input type="checkbox"/>		Mac. volume [m³]	
Number plate truck		Mac. LM [%]	100
Dangerous goods allowed <input checked="" type="checkbox"/>		Documents	
Function Save House AWB / B/L on transport order(s)		House AWB / B/L no.	

Transport list

P Seq	D Seq	Status	Info	Transport	Consignor	Country / ZIP / City	Pickup	Incoterm	Weight	Volume	
		Prev. load	References	References	Recipient	Country / ZIP / City	Delivery		# Colls		
1	2	assigned	VE32230531	VE32230531		CN-519060 Zhuhs	03.06.2020 08:45-17:30	FCA	8.3 kg	0.19 m³	<input type="checkbox"/>
		2082983	HAWB: 2082983	HAWB: 2082983		DE-94315 Straubi	10.06.2020 07:00-14:00		5 CAR		<input type="checkbox"/>

- 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

System demo

Load details (2/3)

Load detail

Load no. 2082984	Status Load assigned
Name * SOT0003HY	User ESEVDSK>User:FFBMASTER
Service provider DHL - Airfreight (Germany/Italy) >	Weight / LM / Vol 8.31 kg / -- LM / 0.192 m³
Service AIR	Transport start * 08:45
Service-Level Standard	Transport end * 14:00
RO description DHL/ZH/WH_SubP180866_STD	Branch/Depot CNEU-air-vstata (cn-air-vstg) >
Grouping load ID	Round trip <input type="checkbox"/>
Transport mode * AIR	Secured transport <input type="checkbox"/>
Unique load ID R01qqRKBvatF3Mv02yY	Un-/ Loading reference
Remarks	
Note carrier	

Consignor Recipient Notify Notify 2

Customer ID	Contact person
Company*	Phone
	Fax
	eMail
Loading / unloading place	State/Province
Street*	

Transport costs Group

Main Carrier	MAWB
Airport of departure	Airport of destination
Airport of dest. 1	Flight no. 1 / Day
By first carrier	Flight no. 2 / Day
Airport of dest. 2	Flight no. 3 / Day
By second carrier	ETA
Airport of dest. 3	ATA
By third carrier	Number plate trailer
ETD	Mac. weight [kg]
ATD	Mac. volume [m³]
Blocked space agreement <input type="checkbox"/>	Mac. LM [%] 100
Number plate truck	Dangerous goods allowed <input checked="" type="checkbox"/>
	Documents

Function Save House AWB / B/L on transport order(s) House AWB / B/L no.

Transport list

P/Seq	D/Seq	Status	Info	Transport	Consignor	Country / ZIP / City	Pickup	Incoterm	Weight	Volume
		Prev. load	References	Recipient			Delivery		# Colls	
1	2	assigned	VE32230531			CN-519060 ZhuHu	03.06.2020 08:45-17:30	FCA	8.3 kg	0.19 m³
		2082983	HAWB:			DE-94315 Straubi	10.06.2020 07:00-14:00		5 CAR	

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)

Load detail
←

Load no. 2082984

Name * SOT0003HY

Service provider [See details \(Transporting 0 \(no carrier\)\)](#)

Service AIR

Service-Level Standard

RO description DHL/ZH/WH_SubP180866_STD

Grouping load ID

Transport mode * AIR

Unique load ID R01qqRkRvatF3Kv02yY

Remarks

Note carrier

Status Load assigned

User EServiceUser.FFMASTER

Weight / LM / Vol 8.31 kg / - LM / 0.192 m³

Transport start * 08:45

Transport end * 14:00

Branch/Depot CNEU-air-vstata (cn-air-vstg)

Round trip

Secured transport

Un-/ Loading reference

Consignor

Customer ID

Company*

Loading / unloading place

Street*

Recipient

Contact person

Phone

Fax

eMail

State/Province

Transport costs all-in rate EUR

Main Carrier

Airport of departure

Airport of dest. 1

By first carrier

Airport of dest. 2

By second carrier

Airport of dest. 3

By third carrier

ETD

ATD

Blocked space agreement

Number plate truck

Mac. weight [kg]

Dangerous goods allowed

Group

MAWB

Airport of destination

Flight no. 1 / Day

Flight no. 2 / Day

Flight no. 3 / Day

ETA

ATA

Number plate trailer

Mac. volume [m³]

Mac. LM [%] 100

Documents

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

House AWB / B/L no.

Transport list

P/Seq	D/Seq	Status	Info	Transport References	Consignor	Country / ZIP / City	Pickup Delivery	Incoterm	Weight # Colls	Volume	
1	2	assigned	0	VE32230531 2082983 HAWB: HAWB	HAWB	CN-519060 ZhuHu DE-94315 Straubi	03.06.2020 08:45-17:30 10.06.2020 07:00-14:00	FCA	8.3 kg 5 CAR	0.19 m³	<input type="checkbox"/>

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.

System demo

Transport order details

Status: **consignment collected**

Fields marked with * are obligatory

Transport order

1 Service: Road Freight Contact: TMC Support, +36 1 879-8500; +36 (19) 2103 1767

Order no.* 11025409 from 20.04.2020 Reference no. +

Purchase order no. + Delivery note no. +

Invoice no. + Shipment no. +

Business case* Full Freight mode: air

RMA no. + Client: test supplier 12 (FF45test12)

Service-Level* Standard Latest release

Special cargo no. + Latest TO update

Export declaration no. + Export decl. required by carrier

Update required

2 Consignor Pickup Recipient Delivery TO Owner Principal

Customer ID LOC-981 Contact person

External ID Company* test supplier 12 Phone

Fax

eMail

Loading / unloading place

Street* test supplier street 12

Country / ZIP / City* BR 00000-000 testcity State/Province Sao Paulo

3 Transport information

Loading reference Pickup date* 19.04.2020 from 08:00 to 09:00

Incoterm* FCA Destination Delivery date* 19.04.2020 from 15:00 to 16:00

Comment

4 Carrier information

Airline Shipping Line Master AWB / B/L

Flight no. House AWB / B/L 12345678

Vessel name Booking no.

Voyage no.

Origin Port ETD ATD

Destination Port ETA ATA 11.01.2020 10:00

5 Handling Units

Total pkgs. 1 Total gross (kg) 500.00 Total volume (m³) 1.08 Level 1

Pos	Handling Unit ID*	Description*	Qty*	Type*	Gross (kg)	Tare (kg)	Vol* (m ³)	L* (mm)	W* (mm)	H* (mm)	Pkg. Stack*	Remark
1	A_MODELLO_PALLE	Modello para palletto com altura variavel	1	CL	500.00	1.000	1.200	1.000	900	1		

> Article data

← ↻ 📄 🗑️ 🔄

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.

Daily business

Just three steps to ensure a reliable transport process

1. Fill load details after receiving a load assignment
2. Transport goods with documentation & set status in system
3. Hand over & upload documents

System demo

Load assignment

Am: Malte Vogt
Cc: inst-training
Anhang: loading-list.pdf (26 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
201683	Test Carrier 1	AIR	non-vista (non-vista)	31.07.2017 10:00

Stop	Date	Pickup TO	Deliver TO
Hub 1 ES-08223	31.07.2017	10040804; 10040805; 10040806	
AirSea Hub CN1 CN-12345	03.08.2017		10040804; 10040805; 10040806

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

[Login](#) / Login

With kind re

Logistics service provider:
Carrier DE
An der Schmiele
DE-26135 Oldenburg

4flow management GmbH
Hallerstraße 1
DE-10587 Berlin

Unique Load ID: HQI02M67NP9IEFMFL0ZQd5
Load: 209237 / NLAS-HUBMDETSU-DEDT000002BDITMSTES
Transport start: 01.03.2017 11:30
Transport end: 03.03.2017 23:59
Date / Time: 20.03.2017 14:54
RO Description: PC_G-H_S
Remarks:

Assignment List

Load: 
Page: 1 from 1

Pickup address	Delivery address	Transport Order	Service	Handling unit qty.	HU ID	Loading m.
		Pick-up date	Business case	HU Description	Remarks	Weight
		Date of Recipient	Service-Level	L / W / H	Stackability	Volume
		Incoterm / Destination	Special cargo no.			
Test Supplier DE - Location G Main Street 165 DE-77777 Stuttgart	TEST HUB EU1 TESTBRANCH Teststreet 1 NL-12345 Lutteleest	V000054742 01.03.2017 11:30 - 12:00 Full 03.03.2017 00:00 FCA	Air Freight Standard	3 Euro Pallet_Full 0,8 x 1,2 x 1,0 m	Euro PAL_FLL 999	0,4 LM 120,0 kg 2,88 m ³

RAKC ID: BE/RA/00888-01/0310
Secured TO according to annex 17 ICAO
Consignor: Test Supplier 1 (ID: LOC-TS1-B); Testbranch B; Gartenstraße 8; DE 07743; Jena
Recipient: Test Plant CN - Location ONE (ID: TPL-CN); TPL-CN; 120 Huaxia Elevated Road; CN 201200; Shanghai
Ordering entity: FFO3PDE
TO-Owner: Business Development; Supplier DE; XXXXX

Number of consignments:	1	Sum packaging:	3	Sum Loading m.:	0,4 LM	Sum weight:	120,00 kg	Sum volume:	2,880 m ³
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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

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	T. mode	No. coils	Weight	L4	...
123	assigned	2053485	STD_D2D_C_R	YEA31891740	...	DE-6624 Homburg US-18020 PA BETHLEHEM	08.05.2020 11.05.2020	AIR	7	147 [kg]	0.25	
123	assigned	2053528	Overseas SPOT	11067888	...	DE-97520 Roethlisheim US-28273 NC CHARLOTTE	05.05.2020 11.05.2020	AIR	1	89 [kg]	0.24	
123	assigned	2053205	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	2052285	OV SPOT	11056475	...	DE-70806 Kornwestheim IN-54155 Tamil Nadu	08.05.2020 15.05.2020	AIR	4	946 [kg]	6.81	
123	assigned	2052177		11058365	...	DE-90441 Nürnberg US-28273 NC CHARLOTTE	07.05.2020 14.05.2020	AIR	4	13 CCL	0.29	
123	assigned	2052599	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	2053004	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	2053527	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	2054349	STD_D2D_C...	A30720471	...	DE-72770 Reutlingen IN-50500 Bangalore	07.05.2020 12.05.2020	AIR	5	403 [kg]	2.85	
123	assigned	2054532	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	2054456		11256	...	DE-97520 Roethlisheim US-28273 NC CHARLOTTE	08.05.2020 15.05.2020	AIR	1	325 [kg]	0.12	
123	assigned	2053827	STD_D2A_C_N	11070752	...	IT-24000 Adrano 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/II)

Load detail

Load no. 1862343 Status Load delivered
Name * SOT000E91 User Adisetti,Carola
Service provider Weight / LM / Vol 36,00 kg / - LM / 0,347 m³
Service AIR Transport start * 07.01.2020 07:00
Service-Level Standard Transport end * 12.01.2020
RD description STD_G2A Round trip
Grouping load ID Secured transport
Transport mode * AIR Unique load ID ASCH8Ku708uUjF2mz0M4NI Un / Loading reference
Remarks
Node carrier
Node internal

Consignor

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

Transport

Trans all-in rate EUR

Main Car. LH Lufthansa

Airport of departure FRA Frankfurt

Airport of dest. 1 PVC PHNOM PENH

By first carrier

Airport of dest. 2

By second carrier

Airport of dest. 3

By third carrier

ETD 09.01.2020 09:00

ATD 09.01.2020 22:00

Blocked space agreement

Number plate truck

Max. weight [kg]

Dangerous goods allowed

Confirmation necessary

Function via hub

Group

MAWB

Airport of destination PHNOM

Flight no. 1 / Day

Flight no. 2 / Day

Flight no. 3 / Day

ETA 11.01.2020 09:00

ATA 11.01.2020 10:00

Number plate trailer

Max. volume [m³]

Max. LM [%] 105

Documents

Transport list

P. Seq	D. Seq	Status	Info	Transport	Consignor	Country / ZIP / City	Pickup	Delivery	Incoterm	Weight	Volume	
				Prev. load	References					# Cols	# Cols	
1	2	assigned			VEZMS0907 HAWB: 1QK6039	Singapore, Kuantan, Medan CN-201202 31 Sh	07.01.2020 07:00-17:00 12.01.2020		FCA	36,0 kg 1 PAL	0,35 m ³	<input type="checkbox"/>

- 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)

Transport costs: all-in rate EUR

Main Carrier: LH Lufthansa

Airport of departure: FRA Frankfurt

Airport of dest. 1: PVG PU DONG

By first carrier: []

Airport of dest. 2: []

By second carrier: []

Airport of dest. 3: []

By third carrier: []

ETD: 09.01.2020 09:00

ATD: 09.01.2020 22:00

Blocked space agreement: []

Number plate truck: []

Max. weight [kg]: []

Dangerous goods allowed: [x]

Confirmation necessary: []

Group: []

MAWB: []

Airport of destination: PU DONG

Flight no. 1 / Day: []

Flight no. 2 / Day: []

Flight no. 3 / Day: []

ETA: 11.01.2020 09:00

ATA: 11.01.2020 10:00

Number plate trailer: []

Max. volume [m³]: []

Max. LM [%]: 105

Documents: []

Function 1: via hub

Hub 3: []

Apply 4

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		HAWB: 1QK6039	452294 Saint-Gobai HUB3AP_AnS Airport	DE-97877 Werthe CN-201202 31 Sh.	07.01.2020 07:00-17:00 12.01.2020	FCA	36.0 kg 1 PAL	

5

- 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

- 1. Fill load details after receiving a load assignment
- 2. Transport goods with documentation & set status in system
- 3. Hand over & upload documents

How to set a status?

Status of a air freight main-carriage load

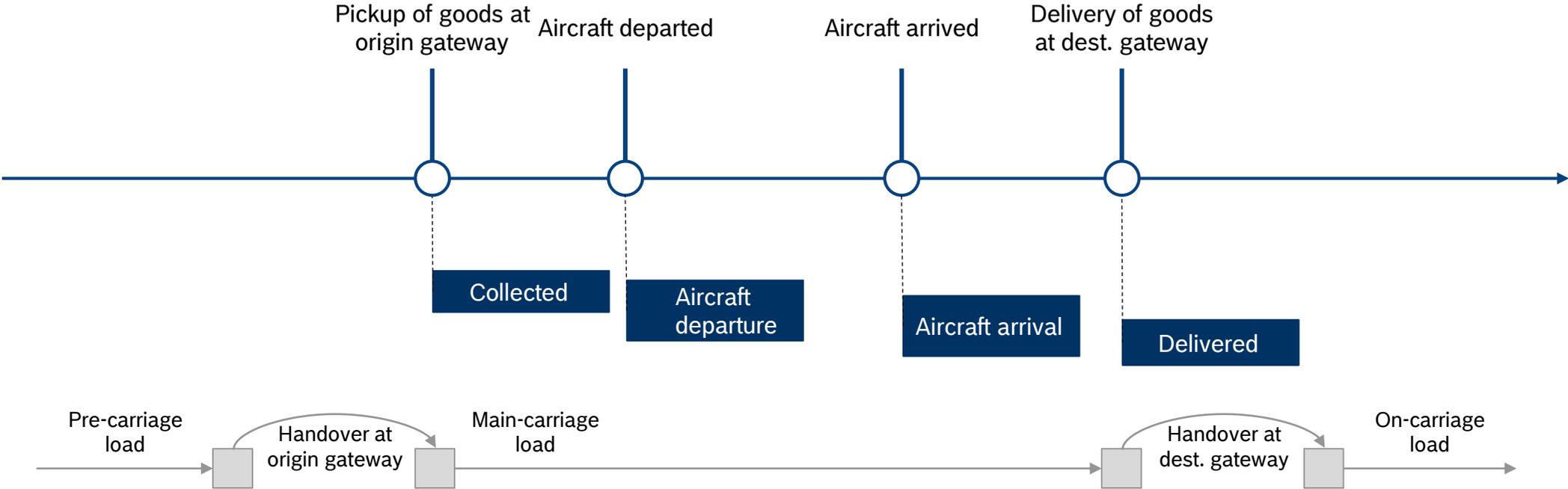
Status	Description	Responsible
Assigned	Load has been assigned to the carrier	TMC
Collected	Load/TO has been collected at pickup location by Main-carriage LSP	Main-carriage LSP
Aircraft departure	Load/TO has been departed with dedicated aircraft	Main-carriage LSP
Aircraft arrival	Load/TO has been arrived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

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

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.

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

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: SOT0008Y | User: [Service 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
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	Consignor	Country / ZIP / City	Status	Date / Time
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

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

- 1. Fill load details after receiving a load assignment
- 2. Transport goods with documentation & set status in system
- 3. Hand over & upload documents

System demo

How to upload documents?

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

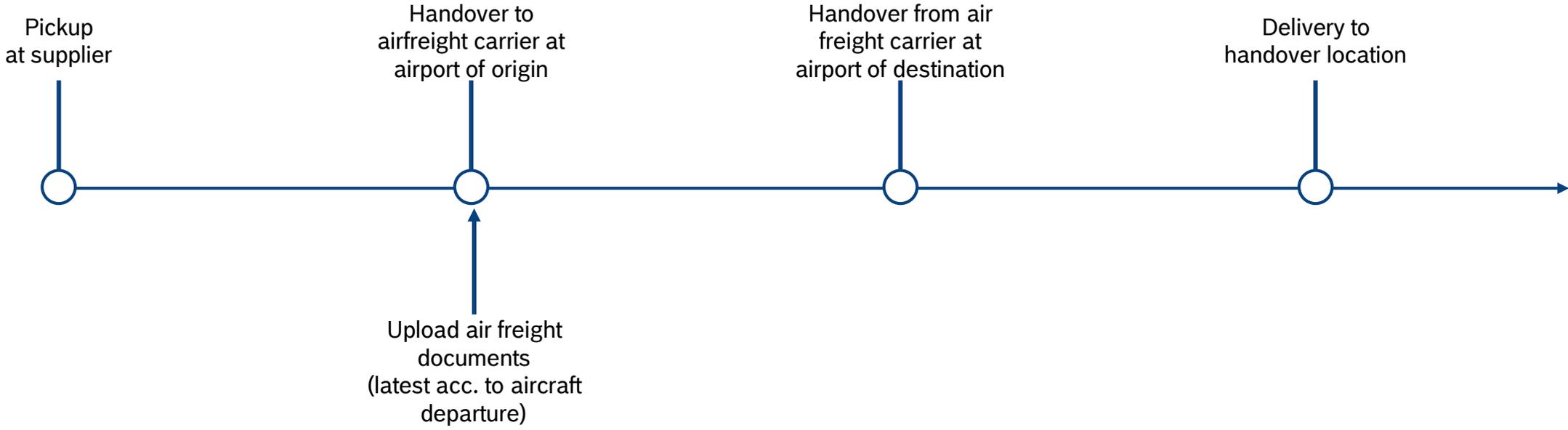
- MAWB, HAWB, manifest

For uploading documents you have to follow these steps:

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

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"/>	<input type="text"/>	<input type="text"/>	Contact person <input type="text"/>
Company* <input type="text"/>	<input type="text"/>	<input type="text"/>	Phone <input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	Fax <input type="text"/>
Loading / unloading place <input type="text"/>	<input type="text"/>	<input type="text"/>	eMail <input type="text"/>
Street* <input type="text"/>	<input type="text"/>	<input type="text"/>	State/Province <input type="text"/>
Country / ZIP / City* <input type="text"/>	<input type="text"/>	<input type="text"/>	<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 application interface. At the top, the BOSCH logo and 'inet' branding are visible. The navigation bar includes 'Scheduling', 'Loading list / EDI', 'Freightcosts', and 'Menu'. Below this, there are fields for 'Client' and 'Load documents'. A table lists existing documents with columns for 'Document name', 'Document type', 'Date / time', and 'User'. Below the table is the 'Transport order documents' section. At the bottom, the 'Upload document' section is highlighted with three red boxes and numbered steps: 1. A dropdown menu with 'Export declaration' selected. 2. A 'Durchsuchen...' button next to the 'Filename & path' field. 3. An 'Add' button.

Document name	Document type	Date / time	User
[Redacted]	HB/L	07.01.2020 11:11	[Redacted]
492129_130.pdf	Arrival Notice	02.01.2020 15:22	[Redacted]

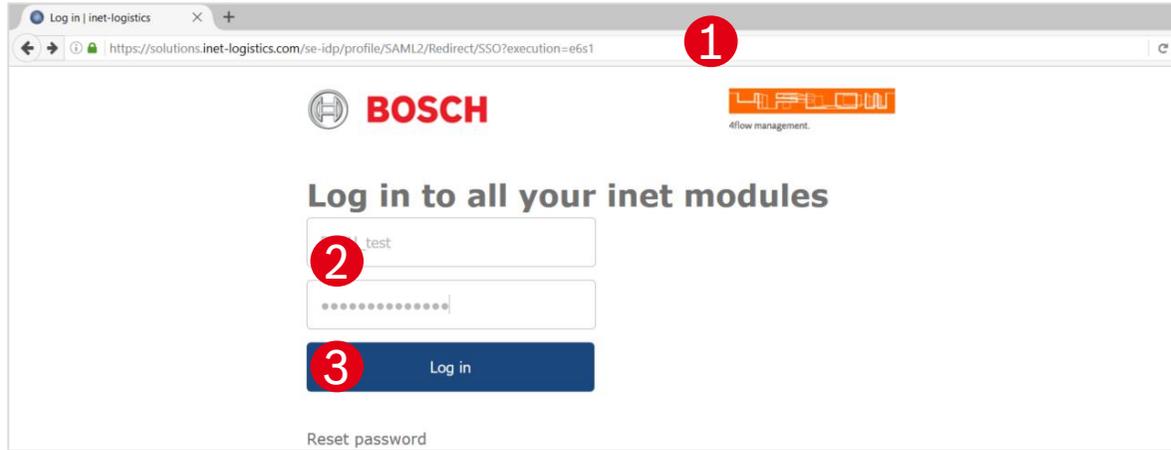
- 1 Select relevant document type from the dropdown menu
- 2 Click on “Browse” button to search for the file to be uploaded
- 3 Click on “Add” to upload the document.

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?

System demo – Hub client

Log into the TMS



The screenshot shows a web browser window with the URL <https://solutions.inet-logistics.com/se-idp/profile/SAML2/Redirect/SSO?execution=e6s1>. The page features the BOSCH logo and the 4FLOW logo (4flow management). The main heading is "Log in to all your inet modules". Below this, there is a username input field containing "test", a password input field with masked characters, and a blue "Log in" button. A "Reset password" link is located at the bottom left. Red numbered circles (1, 2, 3) are overlaid on the browser address bar, the username field, and the "Log in" button respectively.

- 1 Open your internet browser and go to:
<https://solutions.inet-logistics.com/Is/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.

System demo – Hub client

Main menu



Information

You are logged on to the system - please choose the function you need

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

Username:

Client:

Order list

T&T	Status	Transport Reference	Consignor Recipient	Country / ZIP / City	# Coll	Volume	Delivery date Pickup date	Load	Service Provider	T.mode
	assigned	VE33087834		ES 08980 Sant Feliu De LL... MX 50071 TOLUCA	1 CLL 278.00 kg	0.374 m³	12.06.2020 06:00-21:00 -	2086948	DHL Global Fo...	HUB
	assigned	VEA33092276 ... 1206381628		DE 96050 BAMBERG US 29483 Summerville	8 CLL 4779.00 kg	8.732 m³	09.06.2020 06:00-21:00 -	2086933	DHL Global Fo...	HUB
	assigned	VE33001664 2...		DE 51429 BERGISCH GLA... MX 20358 AGUASCALIENT...	1 HEU 110.00 kg	0.288 m³	09.06.2020 06:00-21:00 -	2086921	DHL Global Fo...	HUB

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

1 Order header

2 Address information

3 Leg and transport information

4 Carrier information

5 Package and article information

The screenshot shows a web interface for a transport order. At the top, the status is 'consignment collected'. Below this, there are several sections: 1. Order header: Includes fields for Service (Road Freight), Order no. (11025409), Purchase order no., Invoice no., Business case* (Full), RMA no., Service-Level* (Standard), Special cargo no., and Export declaration no. It also includes contact information for TMC Support. 2. Address information: A tabbed interface with 'Consignor', 'Pickup', 'Recipient', 'Delivery', 'TO Owner', and 'Principal'. The 'Consignor' tab is active, showing fields for Customer ID, External ID, Company, Street, Country/ZIP/City, and State/Province. 3. Leg and transport information: Fields for Loading/unloading place, Loading reference, Incoterm* (FCA), and Pickup/Delivery dates. 4. Carrier information: Fields for Airline, Shipping Line, Flight no., Vessel name, Voyage no., Master ABB/B/L, House ABB/B/L, and Booking no. 5. Package and article information: A table with columns for Pos, Handling Unit ID, Description, Qty, Type, Gross, Tare, Vol, L, W, H, Pkg, Stack, and Remark. The table shows one row with a quantity of 1. Below the table is an 'Article data' section.

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.

System demo – Hub client

Loading list

T&T	Status	Load RO_description	Transport	Tour stops	Country / ZIP/ City	Pickup Delivery	Service provider License plate	T_mode ST/RT	Weight Volume	LM PCs	%
	assigned	2052244 HUB1_9360-01:H01#RT	VE31755027 VE31817688 VE31817690 VE31862958 VE31863027 11064134 11065096 11065509 11065908 11065912 11066385 11066458 11066579 11067506 11067797 11067950	HUB1 - Reutlingen	DE-72766 Reutlingen AT-5400 HALLEIN AT-5400 HALLEIN AT-5400 HALLEIN	05.05.2020 06.05.2020 06.05.2020 06.05.2020		HUB Single trip	10207 kg 46,36 m³	11.7 73	86.2
	assigned	2053699 040W_8100-01:M01#IN#RT	VE31862909 11067607	0800-01 Robert Bosch G... HUB1 - Reutlingen 8100-05 Robert Bosch EL...	DE-72770 Reutlingen DE-72766 Reutlingen DE-38228 Salzgitter	05.05.2020 05.05.2020 06.05.2020		MR Single trip	824 kg 6,59 m³	1,2 8	8,8

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



How to set a status?

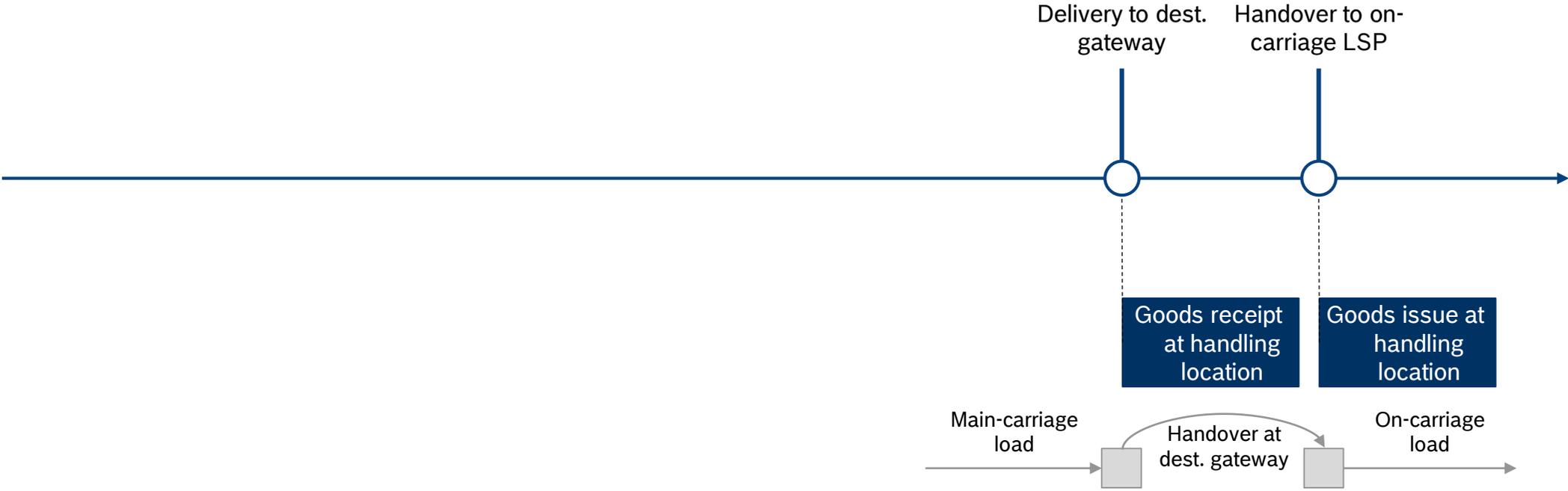
Status of a TO during handover at origin gateway

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

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”

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: SOT0008Y | 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
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	Consignor	Country / ZIP / City	Status	Date / Time
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

Agenda

Topic	Content
Introduction	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?

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!



Phone:

+49 711 81117758 (CN)

E-Mail:

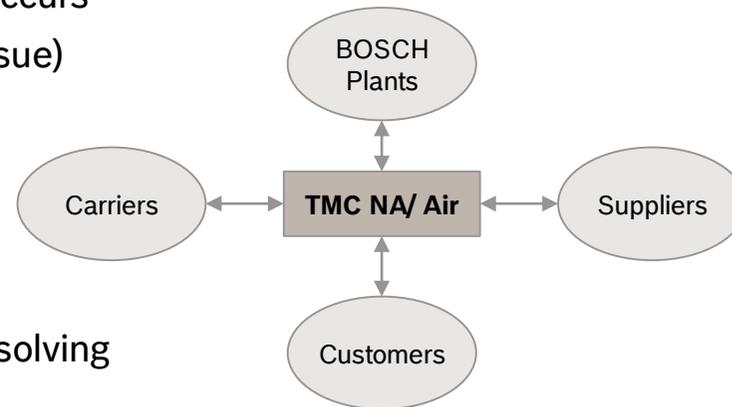
TMC_CN_AIR@bosch.com

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



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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&LoginSystemId=INETIDP>

German:

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

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)

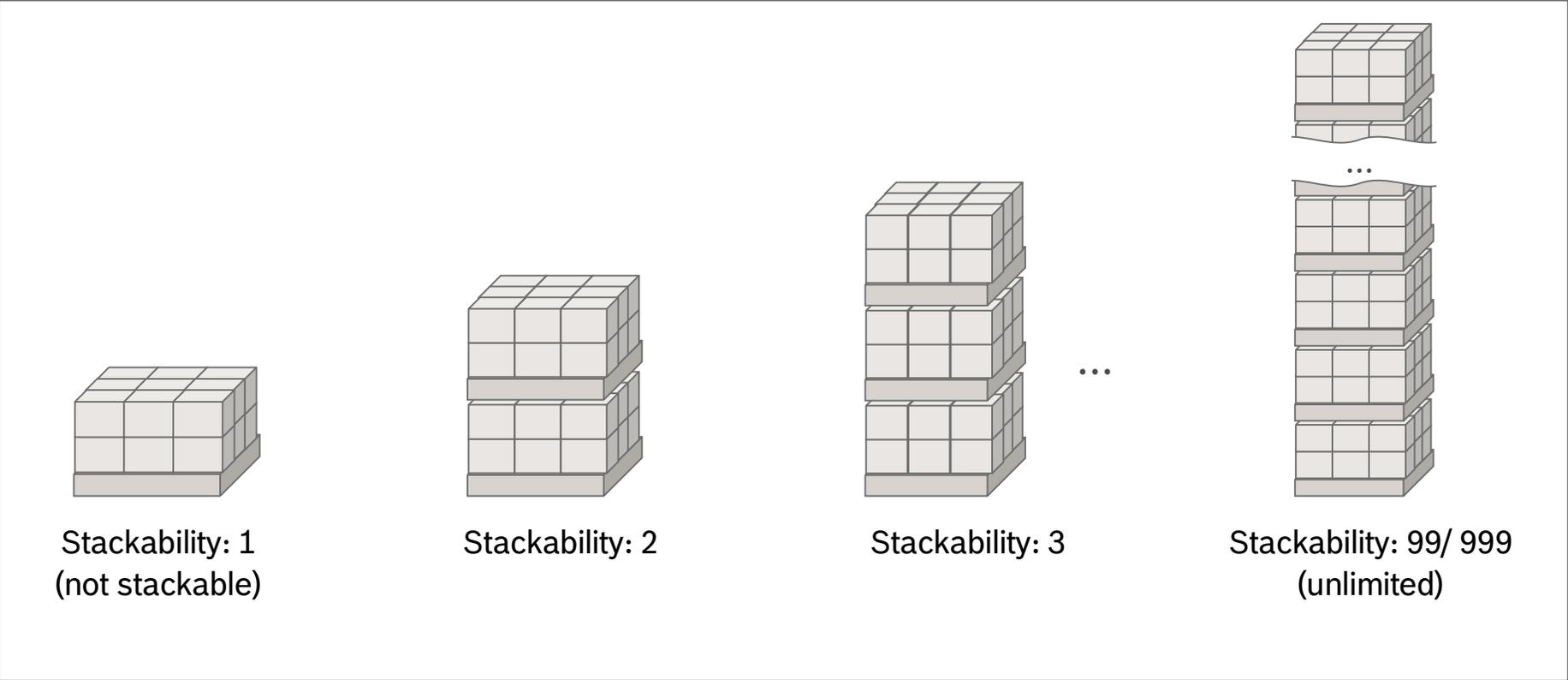
Glossary

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

TMC Sea/Air - New process for transport ordering

Explanation of Container Stackability



Agenda

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