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How the training material will function?

Each slide will explain you important information in different topics.

Would you have other questions unanswered, please contact us under TMC_EU@bosch.com
What is BOSCH TMC?

BOSCH TMC

Transport Management Center is part of BOSCH group, coordinating transports of BOSCH. Connects all the shipping parties.

BOSCH TMC organizes your transport, if the route is registered into TMC’s processes. Registration was communicated with e-mail approval process.
What is TMS?

iNet-TMS
Transport Management System-iNet

→ IT system with a web-based user interface.

→ Transports to BOSCH are ordered and managed here

All BOSCH partners work with the iNet-TMS

Available in following languages:

ENGLISH [here]   FRANÇAIS [here]   ESPAÑOL [here]
DEUTSCH [here]   ITALIANO [here]
WHAT YOU NEED TO ANNOUNCE A TRANSPORT ORDER TO BOSCH

For Bosch Supplier Partners
Login into iNet-TMS system

What do you need for Transport Order (TO) creation?

1. **Transport Management System**: iNet-TMS page. Link Here

2. **Active Username**

   - **Username**
   - **Password**

   Log in to all your inet modules

   Log in

   Reset password

3. **Routing Instruction**: document, you received from BOSCH TMC during registration

   All of your colleagues who send orders to BOSCH need her/his private login. BOSCH TMC must be able to find the order owner by case of any transport issue

   - **Do you have a login issue?**
     - BOS.Support@hu.bosch.com send a screenshot about your login problem, with your user name
   - **Do you need a new account?**
     - Accessmanagement.CPLOG-EU1@bosch.com send an e-mail for further user access, referring the colleague, who needs access
Routing instruction information I. How to use it for TO creation, after login

1. After you are logged in

2. Open your Routing instruction (RI), according to which plant you will send goods. Necessary transport information is there to find.

Routing Instruction looks like this PDF

On the next pages, you will be informed about the RI in 2 parts. On RI you can find the necessary information for transport

Pick-up days & time windows, transit time, delivery mode, forwarder, plant contact, incoterms
Chapter 3: Route instruction

Routing instruction information I. (RI)
Consignor & pick-up, recipient & delivery data, incoterms, frequency & transit time

Your company’s data. By any change inform BOSCH TMC!

Incoterm

Delivery address data

Transit time

frequency
Chapter 3: Route instruction

Routing instruction information II. (RI)

Pick-up, delivery days, responsible carrier, process instructions, order creation type, dangerous goods

1. Pick-up & delivery time lines
   Prepare goods for time window!

2. Process instructions
   - Transports to be advised in the TMS III 11:00 CET one working day before pickup, unless otherwise instructed.
   - Transports are assigned to the carrier by 16:00 CET in the TMS.
   - Pick-up and delivery time windows reflect local time.
   - The carrier and supplier are responsible to immediately report any exceptions before and during the transportation to TMC.
   - Any change in transportation volume or weight, after a transport has been advised, has to be reported to TMC immediately.
   - Please note that without valid load assignment no transport is required.

3. Order type
   Until when TO can be saved by you & load will be assigned to LSP by TMC

4. Responsible carrier

5. ADR needed?
ALREADY CREATED ORDERS (TO-S) & NEW TO CREATION IN iNet-TMS

For Bosch Supplier Partners
Chapter 2: Order release start

Your iNet-TMS main page
Where to find your orders? Start point in case of TO creation

TO arrive to you (e.g. empties)
Chapter 2: Order release start

Transport order creation options

Manual TO creation

Create new order  Copy previous order

Create your transport order based on your Route instruction’s information
Chapter 2: Order release start

Manual transport order creation

New order creation start

Transport list

1. Click on Transport list
2. Click on Paper icon

open Routing Instruction (RI)

Order details on page 21
Manual transport order creation

How to copy your previously saved order

1. Click on Transport list
2. Then the previously saved orders will appear on the next page
3. Click on TO
4. Copy TO
5. Open Routing Instruction (RI)

How the order should be filled out, you will be informed on page 21
IMPORTANT FIELDS IN iNet-TMS DURING MANUAL TO CREATION & HOW TO FILL THEM OUT

For Bosch Supplier Partners
What are the main parts of your order?

There are 5 main parts in your screen:

1. Order header with main transport order details
2. Address information
3. Transport details and times
4. Package information and quantity
5. Article & Part number information: important data, especially by case of special transport. Please pay attention to fill them as well.
Transport details to be filled

Important order data & where to see them

1. **Service**: Road/Air shipment (as you see on your Route Instruction)
2. **Order number**: it is automatically given, after clicking on ‘save’ button → you do not need to fill it
3. **Purchase order no.**: from your call-off
   - Invoice number: your invoice number
4. **Business case**: it is always „FULL”. Only if you want to send should be „EMPTY”
5. **Service-level**: it is always „Standard”
6. **Export declaration no.**: if goods shall be custom cleaned
7. **Reference & delivery note number**: important to give & upload the document
8. **Address information**: based on RI
   - **Incoterm**: based on RI
9. **Validate order against 4Flow Vista**: check, if route is available
10. **Pick up and delivery data**: based on RI
11. **Handling units and article data**: based on Purchase Order (=PO) received from Bosch plant

If you do not find your part number codes, please turn to: BOS.Support@hu.bosch.com
Please include your user name as well in the contact e-mail
How to identify your ID-s in iNet & Routing Instruction?

Pick up ID identification

If you have different Pick-up location ID than your consignor company ID, please always pay attention on choosing them during TO creation. If they are the same → No difference between the ID-s at order creation either.
How to identify Delivery ID-s in iNet & Routing Instruction?

Delivery ID identification

Plant can have different Delivery location ID and recipient ID as well, especially by case of plant has external warehouse. Please always pay attention on choosing them, during order creation.

If they are the same, → no difference between the ID-s at order creation either.
AUTOMATIC GENERATED ORDERS

For Bosch Supplier Partners
Automatically generated order
How to announce them?

Automatic order type number starts like: VE_____; VEL_____; VER_____, VEA______

These order types are available, if
Your pick-up days are fixed and kept
Approved & by the plant & systematically possible

Pay attention on
Orders need to be saved until standard cut-off time! If you would like to save them later, it is not possible. They will be deleted automatically.
You will receive an automatic generated informative e-mail, warning you, to save your order

If you consider details in your prefilled order incorrect, please inform TMC!
HOW TO FILL & SAVE YOUR AUTOMATIC GENERATED ORDERS

For Bosch Supplier Partners
How to save your orders?

Save buttons: there are 2 options

If you want to make changes on TO till cut-off time press this.

In this case TMC and carrier will not get the order.

If your TO is ready press this button till cut-off time. TO will be saved → transport will be organized only with this saving button.

Your transport will not be organized, order stays open.

Your transport will be organized.
Order parts check: VE_____

How to save your automatic order?

Please fill the following fields:

1. Delivery note number & upload the documents (information about document upload on page 49.)
2. Business case: Fulls / Empties
3. Handling unit info
4. Article information and quantity

Already prefilled, only double check the data:

- Transport order number (generated do not need to be checked)
- Service-level
- Incoterms
- Address information
- Pick-up and delivery data, Consignor & recipient data
Order parts check: VEL____

How to save your automatic order?

Please fill the following fields

1. Delivery note number & upload the documents (information about document upload on page 49.)
2. Handling unit info

Already prefilled, only doublecheck the data

- Transport order number (check not needed)
- Service-level
- Address information
- Incoterms
- Pick-up and delivery, Consignor & recipient data
- Article information and quantity
- Business case: Fulls/Empties
Order parts check: VER___

How to save your automatic order?

Please fill the following fields

1. Delivery note number & upload the documents (information about document upload on page 49.)

Already prefilled, only doublecheck the data

Transport order number (check not needed)
Business case: Fulls/Emptyts
Service-level
Incoterms
Address information
Pick-up and delivery, Consignor & recipient data
Handling unit info
Article information and quantity
Order parts check: VEA___

How to save your automatic order?

Please fill the following field

1. Only to upload the documents (information about document upload on page 49.)

Already prefilled, only doublecheck the data

- Transport order number (check not needed)
- Business case: Fulls/Empties
- Service-level
- Incoterms
- Address information
- Pick-up and delivery data, Consignor & recipient data
- Handling unit info
- Article information and quantity
- Delivery number
Order release by bank holidays
Automatic orders will be adjusted according holidays & driving bans

Example: Friday 01. Nov. All Saints’ day → there would be a collection

By holiday will automatic orders be rescheduled in the system

Automatic order appears on an unusual day
(1-3 days before 01. Nov.)
→ Please save it with the date, which appeared in the system

If there is no TO to found in TMS, manual order creation is needed! (how you can do it, please find here: 16. 17. 18. 21.)

Unusual TO date is because of longer transit time due to holiday → Driving bans affect the transit time

Orders must be accorded to opening hours at plant/your side.
Please inform BOSCH TMC if there is a change.
BOSCH TMC
BOSCH TMC contact

Call us! +3618846600
Choose from following options if you are shipping to:

- **1** - Central European BOSCH Plants (CEU) → DE, AT
- **2** - Eastern European BOSCH Plants (EEU) → HU, CZ, RO, TR, RS, RU, PL
- **3** - Western European BOSCH Plants (WEU) → ES, PT, GB, FR, IT

Couldn’t reach us on phone?
Send us an e-mail to: TMC_EU@bosch.com
E-mail subject should contain: **TO number** eg.: VE12345678 space 101234567 space

BOSCH TMC is there to support you
HANDLING UNIT INFORMATION DETAILED DURING ORDER CREATION IN iNet-TMS

For Bosch Supplier Partners
Handling unit in your order

To find the suitable truck for you

1. Handling unit ID: The ID code of the packaging type (as agreed with Bosch plant in the Packaging Instruction)

   Description is automatically filled out by choosing handling unit type (If you cannot find your handling unit, type „dummy“, then you can give all parameters individually)

2. Total quantity of the handling units and unit type

3. Gross weight of total shipment

4. Dimension – Length - Width - Height (in mm!)

5. Stackability: (explained on next pages)
STACKABILITY & ARTICLE DATA DURING ORDER CREATION IN INET-TMS

For Bosch Supplier Partners
Stackability in your order

Important information to find the suitable truck for you

Stackability: the number of your dispatch units that can be placed on top of each other

---

**iNet:**

- Stackability: 1 stack
- Stackability: 2 1* stackable
- Stackability: 3 2* stackable
- Stackability: 999 (unlimited)

**NOTE!**

SAP ≠ iNet Stackability

SAP stack 0 = ✗ stack
iNet stack 1 = ✗ stack

SAP stack 1 = ✔ 1* stack
iNet stack 2 = ✔ 1* stack

You can add here one EUR pallet, to show the boxes & their gross weight separately

---

**Handling Units**

<table>
<thead>
<tr>
<th>Handling Unit ID*</th>
<th>Description*</th>
<th>Qty*</th>
<th>Type*</th>
<th>Gross* [kg]</th>
<th>Tare [kg]</th>
<th>Vol. [m³]</th>
<th>L* [mm]</th>
<th>W* [mm]</th>
<th>H* [mm]</th>
<th>Fld. Stack.*</th>
<th>Remark</th>
</tr>
</thead>
<tbody>
<tr>
<td>EURO</td>
<td>Standard Europalett</td>
<td>15</td>
<td></td>
<td>350.00</td>
<td>0.000</td>
<td>5.760</td>
<td>1200</td>
<td>800</td>
<td>400</td>
<td>1/2/3/999</td>
<td></td>
</tr>
</tbody>
</table>
Article Data in your order
Important for identification

1. Position of pallet
2. Bosch part number
3. Goods description is automatically filled out by choosing the Bosch part number
4. Quantity of the article and unit type
5. Total net weight (kg) of the article
6. Origin
7. Hazardous goods information (important, if goods are dangerous! Document upload necessary)

Click to insert more article lines
Click to delete handling unit/article lines

Your BOSCH plant is monitoring your goods based on article data. These data are critical to know by case of urgent goods.
HOW YOU CAN MARK YOUR REFERENCE NUMBERS IN YOUR ORDER

For Bosch Supplier Partners
How to mark your reference numbers?

Please enter the Purchase Order and the Delivery Note during order creation. If there are more reference numbers for the same shipment, you can add more.

These reference numbers support us and plant to identify your goods, as connection between SAP masterdata and iNet.
How to save your orders?

Save buttons: there are 2 options

If you want to make changes on TO till cut-off time press this.
In this case TMC and carrier will not get the order

If your TO is ready press this button till cut-off time. TO will be saved → transport will be organized only with this saving button

Your transport will not be organized, order stays open

Your transport will be organized
POSSIBLE ORDER CREATION MISTAKES & HOW TO SOLVE THEM

For Bosch Supplier Partners
Possible mistakes in order creation

Following error messages can appear during TO creation on upper part of screen

Correct ID-s needed from route instruction

Missing values in the order

Weight deviations in the order

- **training.inet-logistics.com says**
  - Freight mode can not be determined for TO 11025373. The shipment is not valid. The Principal address is not set but has to be.

- **training.inet-logistics.com says**
  - The shipment is not valid. The value of the volume is higher than the maximum (120 [m³])!

- **training.inet-logistics.com says**
  - The shipment is not valid. The value of the volume is lower than the minimum (0,01 [m³])!

- **training.inet-logistics.com says**
  - The shipment is not valid. The value of the weight is higher than the maximum (25000 [kg])!

Volume deviations in the order

- **training.inet-logistics.com says**
  - The calculated ratio between weight and volume 11.111,111 exceeds Maximum. ratio of 10.000 kg/m³.

- **training.inet-logistics.com says**
  - The calculated ratio between weight and volume 0 lower than Minimum. ratio of 13 kg/m³. The shipment is not valid. The value of the weight is lower than the minimum (0,01 [kg])!

- **training.inet-logistics.com says**
  - The calculated ratio between weight and volume 8,475 lower than Minimum. ratio of 13 kg/m³.
Documents on your goods

Why are transport documents important?

Each document must be marked with TO number

- With documents (containing reference numbers) we can identify transport details within the network and for Bosch departments.
- In case of cross-docking activities carrier can only identify goods and ensure safe delivery, if shipments are labeled with TO number.
- If documents get lost during transport, based on uploaded delivery note, shipment can be identified and booked at destination.
- Plant can see exact quantity from each material you send

Necessary document types:

- Delivery Note
- Label
- Customs documents
- CMR
HOW YOU CAN UPLOAD YOUR OWN DOCUMENTS INTO INET

For Bosch Supplier Partners
How to upload your documents into iNET?

1. Click on documents icon

2. Click on browse icon and

3. Add document

PDF format is required for document upload!
Reference numbers update possibility in iNet

Reference numbers’ update

You can **update your order’s reference numbers** even after saving. All suppliers have got the possibility to update reference numbers until TO’s goods receipt status.

If you realized this opportunity is missing, please contact our responsible team for correction:

In subject please mention: ‘release upgrade’

[Email link to Accessmanagement.CPLOG-EU1@hu.bosch.com]
Documents on your goods

Sample of standard BOSCH TMC Label & CMR from iNet-TMS

1. Label with TO number

Recipient:
LOC-TP1-B
Testbranch B

Street 1
DE 34567
Frankfurt

Consignor
LOC-TS1-A
Entered: Loading / Unloading place
Street 1321
DE-39483 Lillenthal

Order no.: 10025648
Delivery note no.: Entered: Delivery note
Service-level: Delivery: 16.03.2015
Standard
Packages quantity: Weight: 687.5
3 / 40
Creation Date: Remark: Entered: Remark
11.03.2015

(00) 312345671000044758

2. CMR

International consignment note
This carriage is subject notwithstanding any clause to the contrary, to the Convention on the contract for the International carriage of goods by road (CMR)

1. Sender (name, address, country)
2. Consignee (name, address, country)
3. Place of delivery of the goods:
4. Date and place of loading of the goods:
5. Marks and numbers
6. Number of packages
7. Method of packing
8. Nature of the goods:
10. Gross weight
11. Volume m³
12. Nature of the goods:

Special pallet: A_Dummy_Kundenpalette

Total: 1
124.00 kg
0.168 M3
# Visibility of reference numbers on the label

Fill up reference numbers in iNet-TMS before label printing to make them visible on the label.
HOW YOU CAN PRINT THE LABEL & CMR FROM INET

For Bosch Supplier Partners
How to print the label in iNet-TMS?

1. Click on printer icon
2. Choose document to print
CMR printing from iNet-TMS

1. Go to Transport list
   Click on the button to see “All transport orders with status assigned/...”

2. Select the Transport Order you want to print the CMR for

3. Scroll down to the legs section. If you see 'Status assigned', CMR can be printed

!Attention!
CMR can be printed from iNet, earliest one day before collection day, after order has been assigned to carrier.

Print the CMR directly from iNet-TMS and hand it over the carrier!
LABEL PLACING ON YOUR GOODS

For Bosch Supplier Partners
Label on your goods
How to place your label?

Label has to be attached to the shortened side of the pallet (1200mm X 800mm) in order to make it still visible after loading.

Carrier needs to change truck in case of HUB shipments. They can only identify goods and ensure safe delivery, if shipments are marked with label from TMS (contain TO number).

Placing the iNet-TMS label is mandatory → It is forbidden for carrier to pick-up goods without TO number!
TO UPDATE POSSIBILITY

For Bosch Supplier Partners
Transport order update function

Change in advised volume? TO update possibility is available in iNet TMS

It is possible to change the announced quantity and TO details in iNET TMS if it is deviating from the actual case, but only if TO status is open/assigned & „U” sign is visible.

One day before pick-up day according your process instruction

Charging consequences: **NO**

- BOSCH TMC must be informed in e-mail, explained why the change was necessary. If modification was requested from receiver, request must be proofed with an e-mail.
- Process instructions are on downer part of your route instruction.

One day before pick-up day, later than your process instruction shows

Charging consequences: **YES**

- BOSCH TMC must be informed in e-mail, explained why the change was necessary.

Printscreen from iNet about „U“:

<table>
<thead>
<tr>
<th>Transport list</th>
</tr>
</thead>
<tbody>
<tr>
<td>T&amp;T</td>
</tr>
<tr>
<td>📨</td>
</tr>
</tbody>
</table>

**TO update available**

Printscreens from RI’s process instruction:

- Transports to be advised in the TMS till 11:00 CET one working day before pickup, unless otherwise instructed.
- Transports are assigned to the carrier by 16:00 CET in the TMS.
LOGISTIC PROCESSES & HOW POSSIBLE DEVIATIONS WILL BE HANDLED

For Bosch Supplier Partners
Deviation in the logistic process

Why must logistic processes be kept? What is a deviation?

BOSCH TMC is monitoring every transport deviation from order creation until delivery, in order to improve transport quality & save transport costs for BOSCH.

If any in the training material described process requirements are not kept, it is a transport deviation with possible cost effect on BOSCH. After responsibility has been clarified, extra costs will be transferred on deviation causer. Information about charging prices available in Logistic Failure Catalogue, find the link: [here](#).

Please inform BOSCH TMC about any transport discrepancies, in order to reduce further negative impact and charging.
Deviations handling in the logistic process

Steps of charging by detected deviations

1. Record Complaint in SAP
2. Complaint investigation
3. Charging claim amount
4. Issue claim amount received by Bosch

If any TMC process requirements are not fulfilled, transport deviation will occur with possible cost effect on Bosch.

BOSCH TMC is monitoring every transport deviation from order creation until delivery.

After receiving a complaint from BOSCH, a 4 weeks timing is defined for improvement & corrective action.

If there is still notification recorded for supplier after this time period, claim process will be started.

In followings you will be informed about possible logistic deviations with their risks & consequences.

Payment claim amount from supplier side

Claim amount will be charged based on the recorded complaint notification.
# Deviation in the logistic process

## Extended description of monitored deviations which will get charged I.

<table>
<thead>
<tr>
<th>Deviation category at consignor</th>
<th>Deviation description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Requested transport outside of TMS</td>
<td>Consignor organizes transport out of BOSCH TMC</td>
</tr>
<tr>
<td>Announced transport out of implemented route</td>
<td>The released TO is not created according to the implemented route (e.g. different time windows, not agreed pick-up days)</td>
</tr>
<tr>
<td>Incorrect TO released, detected past load creation</td>
<td>Missing or wrong TO details (e.g. lead time, wrong pick up location): adjustment needed after carrier received the order</td>
</tr>
<tr>
<td>Incorrect TO released, notified by BOSCH TMC before load creation</td>
<td>Missing or wrong TO details (e.g. lead time, wrong pick up location): adjustment needed before carrier received the order</td>
</tr>
<tr>
<td>Canceled transport after load creation</td>
<td>The transport is canceled after carrier got assignment</td>
</tr>
<tr>
<td>Canceled TO before load creation</td>
<td>The transport is canceled before carrier got assignment</td>
</tr>
<tr>
<td>Failed to provide complete and correct transport documents</td>
<td>Incomplete or wrong transport documents sent by the consignor (e.g. consignment, delivery note, CMR)</td>
</tr>
<tr>
<td>Customs issue</td>
<td>Shipment cannot be processed due to customs issues</td>
</tr>
</tbody>
</table>
## Deviation in the logistic process

Extended description of monitored deviations which will get charged II.

<table>
<thead>
<tr>
<th>Deviation category at consignor</th>
<th>Deviation description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dangerous goods information/documents wrong or missing</td>
<td>Shipment cannot be processed, because dangerous goods documents are wrong or missing</td>
</tr>
<tr>
<td>Delayed pick up</td>
<td>Carrier has arrived in time at consignor’s location but cannot load the shipment (Goods are not ready for <strong>beginning of time window</strong>)</td>
</tr>
<tr>
<td>Shipment not known at shipper site</td>
<td>TO was created, but consignor’s warehouse does not know bout the shipment which should be collected</td>
</tr>
<tr>
<td>Failed to confirm TO within deadline (cut-off time)</td>
<td>Transport order was saved after standard <strong>order creation cut-off</strong></td>
</tr>
<tr>
<td>Higher/lower volume provided than advised</td>
<td>Sent goods’ volume is different than previously announced in TO</td>
</tr>
<tr>
<td>TO released after cut-off</td>
<td>Transport order was saved after BOSCH TMC’s standard <strong>load creation cut-off</strong></td>
</tr>
</tbody>
</table>
## Deviation handling in the logistic process

### How & what kind of occurred transport deviation charging costs can be reduced?

Costs of charging depends on right usage of TO update function & if BOSCH TMC has been informed. TO update possibility until according your process instructions CET time zone. This information is to be found on your route instruction. (Detailed information on page 61)

<table>
<thead>
<tr>
<th>Transport deviation</th>
<th>Solution to reduce costs &amp; charging method</th>
</tr>
</thead>
<tbody>
<tr>
<td>TO content deviates from implemented setup or there is missing information (wrong TO data, missing transport documents)</td>
<td>Order creation according to the rules in training material and route instruction</td>
</tr>
<tr>
<td>Consignor provides a higher/lower volume than advised</td>
<td>1. TO updated in time &amp; BOSCH TMC informed about changes → NO charging cost</td>
</tr>
<tr>
<td></td>
<td>2. TO updated after cut-off time or not updated at all with or without informing BOSCH TMC → YES charging will be started</td>
</tr>
</tbody>
</table>
Transport organizing

Standard Cut-off for TO release

After material demand data available

Save TO in Inet-TMS until cut-off time 11 am

11 am 4 pm

Pick-up day - 1 working day

Pick-up day

Example:

<table>
<thead>
<tr>
<th>Transport order must be saved until 11:00 am</th>
<th>Transport date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Friday</td>
<td>Monday</td>
</tr>
<tr>
<td>Thursday</td>
<td>Friday</td>
</tr>
</tbody>
</table>

Load creation cut-off for BOSCH TMC to organize a truck

Cut-off time for transport order creation must be kept, in order BOSCH TMC can organize truck. If you save your orders later than cut-off, collection cannot be ensured for requested date.

To save earlier your transport order for implemented pick-up day, is possible.
Transport organizing

Transport modes: how your goods are on the way

Direct lanes

<table>
<thead>
<tr>
<th>Direct transport (FTL/LTL)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Supplier 2 ➔ FTL ➔ Plant</td>
</tr>
<tr>
<td>Supplier 1 ➔ LTL ➔ Plant</td>
</tr>
</tbody>
</table>

Indirect lanes

<table>
<thead>
<tr>
<th>HUB transports (HUB /HUB to HUB)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Supplier 2 ➔ LTL ➔ HUB 1 ➔ FTL ➔ Supplier 3 ➔ FTL ➔ Plant 1</td>
</tr>
<tr>
<td>Supplier 1 ➔ HUB 2 ➔ FTL ➔ Plant 2</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>One-plant milkrun (MR)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Supplier 2 ➔ Plant</td>
</tr>
<tr>
<td>Supplier 1 ➔ Plant</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Multi-plant milkrun (MR)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Supplier 2 ➔ Plant 1</td>
</tr>
<tr>
<td>Supplier 1 ➔ Plant 2</td>
</tr>
</tbody>
</table>

Please consider that transport modes with more Pick up locations require usually a longer collection time window.

Goods must be prepared for the beginning of pick-up time window!
SPECIAL TRANSPORT SOLUTIONS

For Bosch Supplier Partners
Transport organizing
Special transport solutions

<table>
<thead>
<tr>
<th>SoFa</th>
<th>Speed up</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sonderfahrt: fastest solution for transport on road, organized by need from BOSCH TMC as well</td>
<td>Faster way for transport on road, organized by need from BOSCH TMC as well</td>
</tr>
<tr>
<td>➢ By case of urgent goods</td>
<td>➢ By case of urgent goods</td>
</tr>
<tr>
<td>➢ Means high extra transport costs</td>
<td>➢ Means extra transport costs</td>
</tr>
<tr>
<td>➢ If root causer is the consignor, extra costs will be transferred from plant on consignor</td>
<td></td>
</tr>
</tbody>
</table>

These solutions have cost effect. They are in process if shipment must be organized in any circumstances to the plant.
To avoid these kind of extra costs, save your order until cut-off time and inform BOSCH TMC about any change.
TRUCK TYPES & THEIR CAPACITY

For Bosch Supplier Partners
Truck types

Finding the suitable truck for you

Please always create transport orders in iNet-TMS and load volume of goods, according to the registered truck type. Truck type information you can find on your Route Instruction. After TO creation you can double check the volume of goods in your transport order.

The following slides will support you, how goods can be loaded into different truck types.
## Loading units at truck 24 T

### 24 T truck is affected by driving ban

### Height: 270 cm → Stackability until this height

### 24 T → EU Pal

<table>
<thead>
<tr>
<th>1 EU pal</th>
<th>120x80</th>
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### 24 T → GIBO

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</table>
## Loading units at truck 12T

### 12 T truck is affected by driving ban

- **Height:** 250 cm → **Stackability until this height**

### 12 T → EU Pal

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<thead>
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### 12 T → GIBO (for Gitterboxes)

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</tbody>
</table>
Loading units at truck 7,5 T

7,5 T truck is not affected by driving ban

Height: 250 cm ➔ Stackability until this height

7,5 T ➔ EU Pal

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<thead>
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7,5 T ➔ GIBO (for Gitterboxes)

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</tbody>
</table>
Loading units at bus

Bus is not affected by driving ban

Height: 180 cm → Stackability until this height

Bus → EU Pal

Bus → GIBO (for Gitterboxes)
Loading units at curtain van

Curtain van is not affected by driving ban

Height: 220 cm → Stackability until this height

Bus → EU Pal

Van → GIBO (for Gitterboxes)
HOW TO HANDLE TRANSPORT EXCEPTIONS (HOLIDAY, SUMMER SHUTDOWN) For Bosch Supplier Partners
Bank holiday

Collection in case of bank holiday

Example: 1. November on Friday

<table>
<thead>
<tr>
<th>stops</th>
<th>day</th>
<th>time window 1</th>
<th>day</th>
<th>time window 2</th>
<th>day</th>
<th>time window 3</th>
<th>day</th>
<th>time window 4</th>
<th>day</th>
<th>time window 5</th>
</tr>
</thead>
<tbody>
<tr>
<td>pick-up#1</td>
<td>Mon</td>
<td>08:00-15:00</td>
<td>Tue</td>
<td>08:00-15:00</td>
<td>Wed</td>
<td>08:00-15:00</td>
<td>Thu</td>
<td>07:00-15:00</td>
<td>Fri</td>
<td>08:00-15:00</td>
</tr>
<tr>
<td>delivery#1</td>
<td>Tue</td>
<td>07:00-15:00</td>
<td>Wed</td>
<td>07:00-15:00</td>
<td>Thu</td>
<td>07:00-15:00</td>
<td>Fri</td>
<td>07:00-15:00</td>
<td>Mon</td>
<td>07:00-15:00</td>
</tr>
</tbody>
</table>

1. There would be a collection on Friday, but it is affected by bank holiday

2. According to adjustment, the carrier will pick up goods on Thursday to keep the requested delivery date at destination.

3. Advise your TO one day before Thursday collection, latest standard order release cut-off: 11:00 am Wednesday.

If there would be an increased quantity of goods to send before the holiday, please try to distribute the volume on your scheduled pick-up days to keep transport optimization.

In case of holiday: Inform BOSCH TMC & plant about upcoming closure time! TMC_EU@bosch.com
Summer Shutdown, opening hours

Information to BOSCH TMC is necessary

Summer Shutdown

- Please **always let us know your planned summer shutdown** as soon you can.
  
  Send us an e-mail to: **TMC_EU@bosch.com**

- TO-creation before holiday and summer shutdown is unnecessary, if you don’t want to send goods

Opening hours

- By any change in opening hours please inform us in an e-mail, it must be approved by forwarder & plant as well

Inform us by any seasonal changes of opening time!
BOSCH TMC
BOSCH TMC contact

Call us! +3618846600
Choose from following options if you are shipping to:

- 1 - Central European BOSCH Plants (CEU) → DE, AT
- 2 - Eastern European BOSCH Plants (EEU) → HU, CZ, RO, TR, RS, RU, PL
- 3 - Western European BOSCH Plants (WEU) → ES, PT, GB, FR, IT

Couldn’t reach us on phone?
Send us an e-mail to: TMC_EU@bosch.com
E-mail subject should contain: TO number eg.:VE12345678 space 101234567 space

BOSCH TMC is there to support you
FURTHERLY ABOUT TMS SYSTEM

WHAT FUNCTIONS ARE AVAILABLE IN THE SYSTEM

For Bosch Supplier Partners
Your iNet-TMS main page

What are the other icons apart from order creation?

In iNet-TMS menu there are the following options available:
Summary of training documents

Here you can find the summarized list of important facts and steps

1. BOSCH TMC shall only be contacted by transport organizing. Do not turn directly to the forwarder anymore

2. Transport orders need to be created in iNet-TMS system. Link: here

   TO creation ➔ Transport order for road shipments
   ➢ Standard cut-off: one day before collection until 11:00 am CET
   ➢ Order details & references must be accorded to plant’s system settings & Routing Instruction (PDF)
   ➢ Transport documents must be uploaded into TMS
   ➢ TMS label must be placed on package

3. By case of any transport discrepancies BOSCH TMC must be informed via e-mail or phone

4. BOSCH TMC contact ➔ TMC_EU@bosch.com
   +36(1)879-8500 available weekdays: 07:30-19:00

5. If the opening time would change from standard BOSCH TMC must be informed

6. Contact change on your side ➔ BOSCH TMC must be informed

7. Extra cost & additional effort causing transport deviations Link ➔ Here
END OF TRAINING DOCUMENTS

THANK YOU FOR YOUR ATTENTION

For Bosch Supplier Partners