User Manual

TE -Mobile

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As at 04/ 09/ 2020

TE Europe GmbH

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1 TTE – the track and trace solution of explosives

Congratulations for buying your TTE-software, the ideal solution for the track and trace of explosives according to the EU directive 2008/43/EG and its amendment 2012/4/EU. Every company that consumes produces or trades with explosives has to fulfil these requirements. TTE-Online / TTE-Local enables you to register from each site and to administrate the system.
This user manual contains the instruction and description of TTE-Mobile.

Be aware that this user manual can differ from the TTE-Mobile version. This is due to ordered processes and procedures. You probably will not be able to execute all menu points with your TTE-Mobile.

2 First steps with the Mobile Device

(1) Connect the power cable of your docking station to the power socket and afterwards the docking station with your network. Therefore, plug one end of the network cable (LAN cable) into the network connector of the docking station and the other end into the network connector with access to your company's network or internet. Alternatively, you can connect your docking station also via USB cable to your PC. Put your mobile device into the docking station.

(2) Ensure whether the connection to your network has been established and the network connector of your docking station is flashing.

(3) Charge the mobile device completely; this process may last about 3-6 hours, depending on the type of device.

(4) Please, turn on your device.

(5) Windows Mobile is installed on your device by default. You will find the TTE-Mobile application on the device.

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3 TTE-Mobile Start

Open the TTE-Mobile application. You will be directed to the initial page.

3.1 Start screen

Enter or scan the user name; this can be found in your TTE-Online, TTE-Local or TTE-Enterprise system.

Enter the corresponding password.

Selection of the site.

Mobile Network Connection
This icon shows that the mobile network connection is activated.

Mobile Network Connection
This icon shows that the mobile network connection is deactivated.

Status of battery charge.

Settings (See *chapter 25 Settings*).

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If you have inadvertently pressed the additional keys FN or Shift on the keyboard of your device, the symbols or in the upper right-hand area of the screen will alert you to this, so that you can enter the correct password during a consumption process, for example.

3.2 Login

After selecting a site and entering your access data, click the blue-arrow-button on your mobile device and start your work.

TTE-Europe recommends: print your user name as barcode on a sheet of paper in order to facilitate the registration. For more information, see the TTE-Online user manual, *chapter 19 Print scancodes.*

You may activate the **Simple TTE-Mobile Login** in your TTE-Online system. Thus, it is possible to register on your mobile device by entering a 4-6 digits PIN, as numbers simplify the application.
For more information on the Simple TTE-Mobile Login, see the TTE-Online user manual, *chapter 5.5. Users.*

3.2.1 First login

Please consider following, before getting started:

(1) The initial registration with a new user or changed user name or password, without synchronization before, always takes place in the docking station. When using UMTS or WLAN (see *chapter 24.8. and 24.9*) the connection to the docking station is not necessary.

(2) Both, the initial and any following synchronization takes place in the docking station. The connection to the docking station is not necessary when using UMTS or WLAN.

(3) Subsequently, the device will be removed from the docking station.

3.3 Site change

After selecting a site from the dropdown menu at the login screen (see *chapter 3.1.*) you get the following message:

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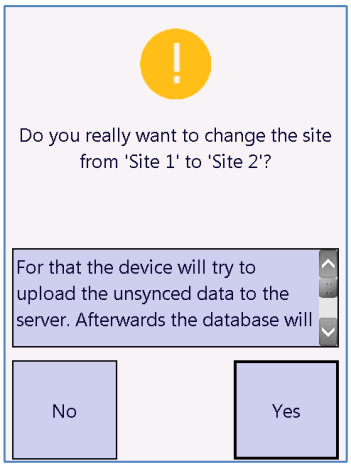
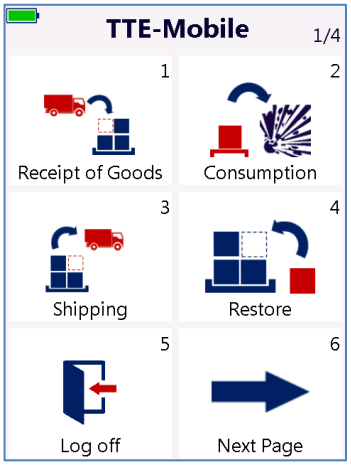


Press **Yes** to execute the site change for the device. Unsynchronized data of the old site will be synchronized, after this; the device deletes its database and synchronizes with the data of the new site. This might take some time.
By pressing **No,** the device stays at the previously selected site, but the login has to be done again.

When doing a site change with a user not assigned for the new site, the site change on the device is executed, but the login is not performed.

4 Main menu



The main menu gives an overview on all processes, which can be performed with your mobile device.

The blue-arrow-button (bottom right) serves you to switch to previous or next pages.

Generally, the amount of pages and the design of tiles can vary, according to the processes, chosen by the customer.

5 Synchronization

Synchronize regularly your mobile devices, in order to transfer your data to your TTE-Online or TTE-Local.

If you dispose of several devices in your company, please consider to perform a synchronization of data after every completed process. Thus, the data can be transferred in the right order to your TTE-Online or TTE-Local. If possible, avoid a simultaneous synchronization.

The synchronization is done in different steps, which will be completed one after the other.

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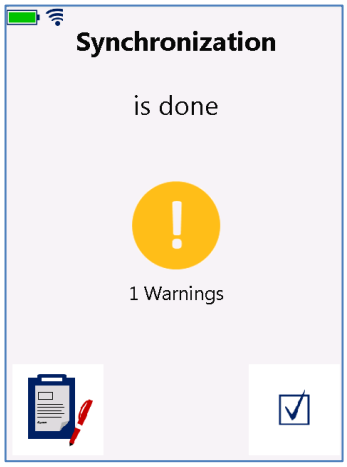
As soon as the synchronization is completed, you will get one of the following messages on your screen:

Synchronization was completed successfully, all data was transferred.

or



If there are inconsistencies during synchronization (database errors, e.g. if an identical single item was consumed on the PC and sent with the MDE), you receive this message.

or

If the synchronization was not successful (e.g. error on the MDE, missing server connection, no Internet), this screen is displayed.

After synchronization has failed and you get the above screen, click the icon in the left below corner in order to receive a list of all occurred errors. Please, name us the displayed errors, when contacting the technical support.

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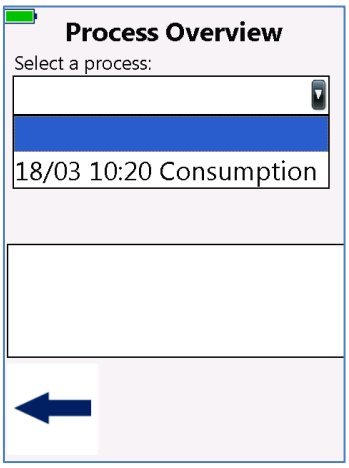
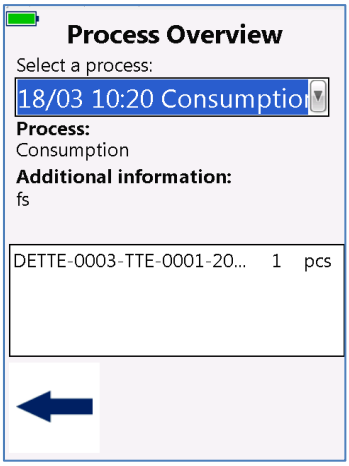
6 Process Overview

This program item enables you to view the processes, which will be transferred with the next synchronization.



(1) Select the desired process in the selection list. Tap on the small grey rectangle with the arrow next to the input field. This opens a selection list of your current processes, which are to be synchronized.
Select the desired process.



(2) The following information are displayed for the selected process: Date, time, type of process, delivery note number,(if applicable) the user performing the process and (if applicable) a list of individual items contained in the selected process.

Then tap the blue arrow to return to the main menu.

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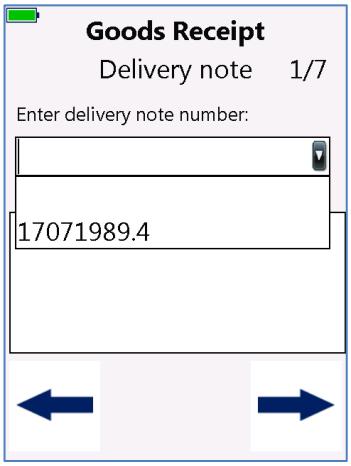
7 Goods receipt

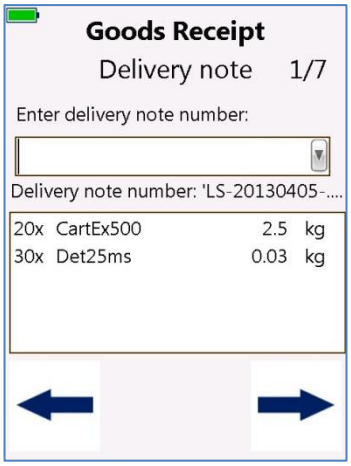
Goods receipt enables you to take over into the warehouse or consume all explosives that are subject to the EU-identification directives.
Explosives, which are not subject to the EU-identification directives, e.g. munition and goods that are produced on blasting site can also be placed into stock by means of the goods receipt.

7.1 Goods receipt with delivery note

Precondition for the execution of a goods receipt with delivery note is the availability of delivery data as XML file. You may either transfer it into your TTE-Online, TTE-Local or TTE-Enterprise system into your inbox (See also *Online user manual chapter 6.1*.). **A synchronization afterwards is obligatory!**
Alternatively, you can load it via USB adaptor (currently only available for Omnii XT15) directly into your mobile device (See *chapter 26*).



(3) Select the delivery note from the dropdown menu. Therefore, click the small grey button next to the input box and the selective list pops up. Choose the desired delivery note.
Alternatively, scan your delivery note with your mobile device or enter the delivery note number manually. This must correspond to the Delivery note number in the XML file.
Continue by pressing the right blue arrow.



(4) Both, delivery note number and items, which are contained in the respective shipment, are displayed.
Continue by pressing the right blue arrow.

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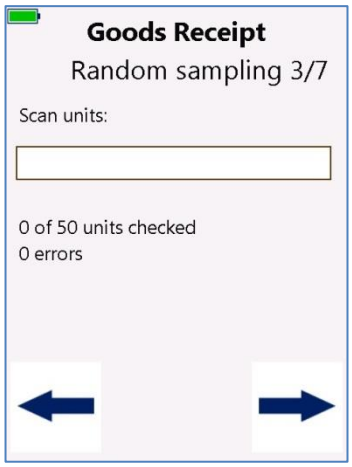
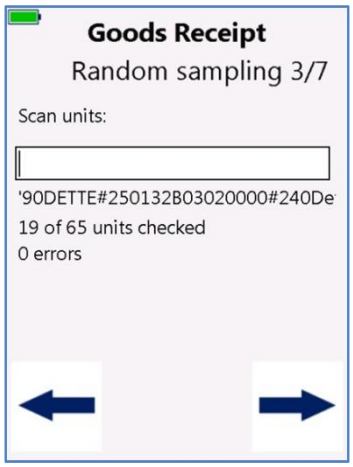


(5) Scan random samples (optional).
The device displays the amount of items that already have been scanned and how many of them were faulty.

Random sampling means to check whether or not the scanned items are contained in the information of the delivery note. If an item is not contained, an error message will be displayed.

If you scan an article twice, the amount of positions will remain and will not increment.



(6) Click the blue-arrow-button to proceed.

(7) Select the target warehouse and press the right blue-arrow-button.

(8) Optional entry of comments.

(9) Press the check mark, in order to complete the goods receipt.

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7.2 Partial acceptance of delivery

The partial receipt of a shipment will be performed irrespectively of the received delivery data.

(1) Instead of scanning a delivery note, however in order to identify the process**,** please enter an arbitrary unique delivery note number, and click **Enter**.

(2) Following message will be displayed: **Delivery note unknown: Create new delivery**.

(3) Click **OK** and press the blue right button to continue.

(4) Select a sender and then tap the blue arrow to proceed to the next step.

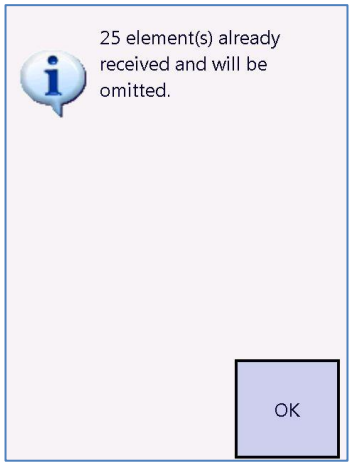
(5) Scan all unopened logistical units that are to be transferred to your warehouse with the partial acceptance or posted directly to consumption. Then tap the blue arrow to proceed to the next step.

(6) Select a destination warehouse, and then tap the blue arrow to proceed to the next step.

(7) Optional entry of comments.

(8) Complete the goods receipt.

If you want to transfer the rest of your shipment into your stock at a later moment, please proceed as follows:



(1) Having loaded the XML file on your mobile device, enter the delivery note number.

(2) Following message will be displayed, e.g.: **25 element(s) already received and will be omitted.**

(3) Subsequently, proceed with the goods receipt with delivery note.

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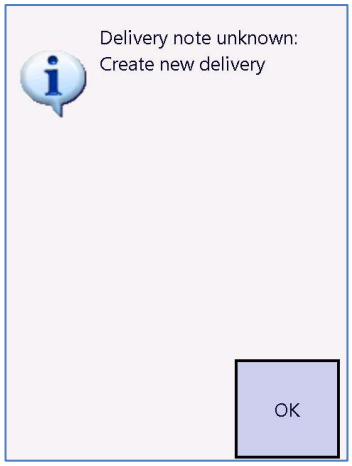
7.3 Goods receipt without delivery note

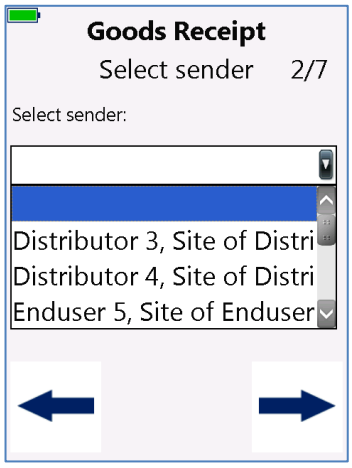


(1) In order to identify the process**,** please enter an arbitrary unique delivery note number, and click **Enter**.

(2) Following message will be displayed: **Delivery note unknown: Create new delivery**.

(3) Click **OK.**

(4) Tap the blue arrow to go to the next step.



(5) Select an existing sender from the shown list. The sender has to be created in advance as a partner in the TTE-Online / TTE-Local master data (see *Online user manual chapter 5.3*.)

(6) Tap the blue arrow to go to the next step.

7.3.1 Scanning items

(1) Therefore, scan the items' barcodes.

Please note that you must scan all the individual items included in the delivery. When you scan a packaging, the individual items contained in it are not included. Empty packages can be scanned. Below the input field, the respective code, the positions and the errors are displayed.

(2) Click the blue-arrow-button in order to proceed.

(3) Select target warehouse and tap the blue arrow to go to the next step.

(4) Add a comment (optional) and finish the process by pressing ☑.

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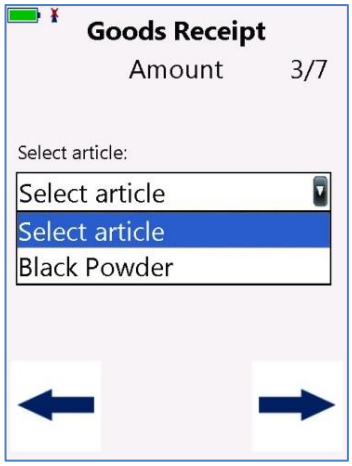
7.3.2 Scanning quantity-based articles

(1) Select the button in order to switch to the quantity selection.

(2) Subsequently you will be asked to choose an article.



(3) Select the article, which you want to determine the quantity for.

(4) Specify the quantity to be transferred to your location and confirm by pressing the blue arrow.

(5) Repeat steps (1) to (4) until you have entered all quantities. Tap the blue arrow to go to the next step.

(6) Select your target warehouse and tap the blue arrow to proceed to the next step.

(7) Scan or enter a comment (optional) and complete this step by pressing .

7.4 Goods receipt into consumption

Irrespective of, whether you perform a goods receipt with or without delivery note, the article can be scanned directly into consumption.

(1) Follow the steps until the target warehouse selection, as described above.

(2) Afterwards, choose **consumption** in the selective list.

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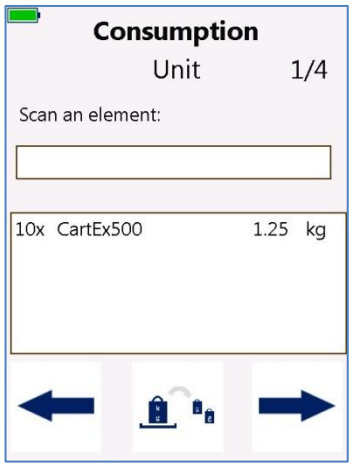
8 Consumption

If you wish to assign a reference number to this process, the check mark under "Miscellaneous 1" must first be set in the **Show reference dialog** (see *chapter 25.10*). A mandatory field appears at the beginning, where the reference number must be entered. The rest of the procedure is as follows.

8.1 Non-divisible articles / quantity based packaging

8.1.1 Consumption of non-divisible articles



(1) Scan the items into consumption. Therefore, scan the barcode of the items to be consumed.

(2) Having scanned, the quantity, the appropriate article name and the amount of it will be displayed.

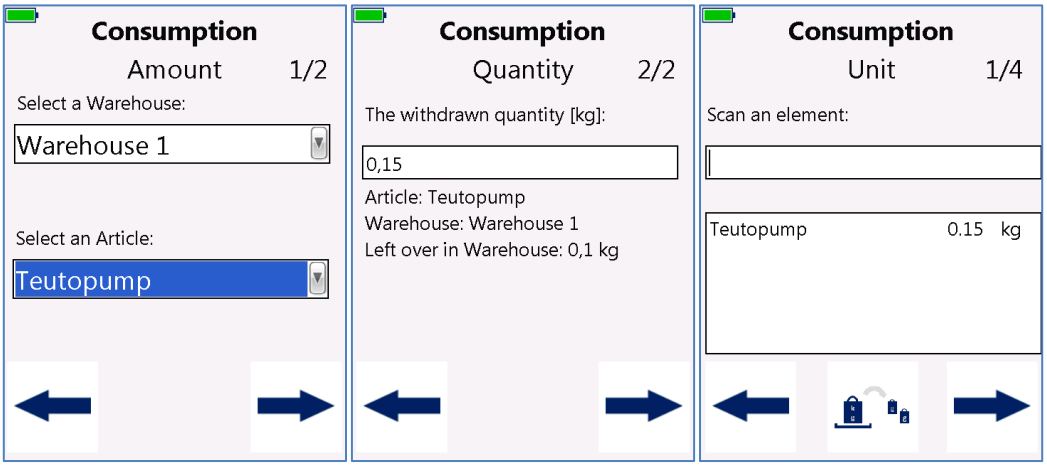
(3) Click the blue-arrow-button in order to proceed.

8.1.2 Consumption with quantity based articles

(1) Select the button , in order to switch to the quantity selection.

(2) You will then be prompted to select the warehouse and item.

(3) To continue, tap the blue right arrow.



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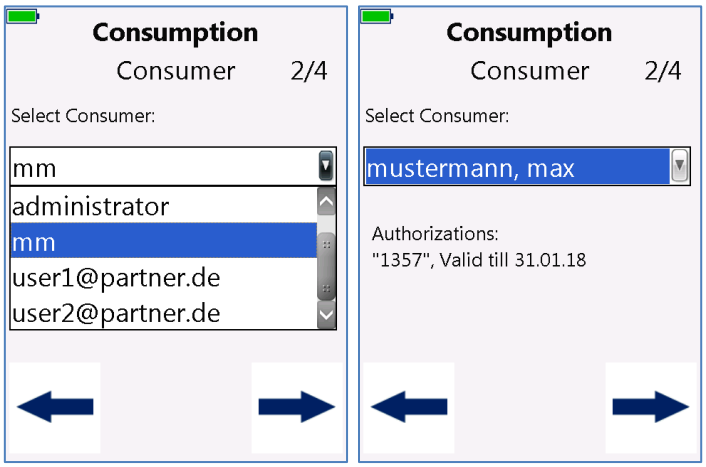
(4) Please enter the quantity to be withdrawn in numerical form. You will see the selected item, the location and the total quantity of the item in that warehouse.

(5) Having selected all items and quantities, you will be given a summary of your selection.

(6) To continue, tap the blue right arrow.

8.1.3 Select consumer



Depending on which site you have chosen at login, you will only be able to select consumers, who are assigned to the same site. This assignment takes place in the TTE-Online, TTE-Local or TTE-Enterprise, respectively.

(1) In order to perform consumption properly, please choose the appropriate authorized consumer for the selected elements.

(2) Below the selected consumer, the authorizations and the period of validity will be displayed. Click the blue-arrow-button to confirm your selection.

(3) In case the consumer differs from the logged in user, the password of the consumer should be entered.
(4) Concluding, it is possible to scan or to enter manually a comment and to complete the process by pressing ☑.

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8.2 Divisible articles

If you define an article as to be divisible, you will be able to use it completely or partially in later processes as e.g. consumption. Divisible articles are detonating cords, blasting fuse, bulk explosives as e.g. ANFO, gunpowder, black powder, and, depending on the company, cartridge explosives.

Before divisible articles can be consumed, they have to be registered in the article master data of the TTE- Online or TTE- Local. For more information, see the *TTE- Online user manual, chapter 5.2.2. Articles.*

8.2.1 Scan to consumption

(1) Scan the barcode of the article to be consumed.

(2) The following message will be displayed: **Do you want to split this element?**
Choose **Yes** and enter the quantity of the single piece to be consumed. Choose **No** and the individual item is consumed completely.

(3) Repeat these steps until you have entered all the individual items to be consumed. Then continue as described in *chapter 8.1.3.*

Consider following at the consumption process with divisible articles:

- Items that remain on stock will continue to be handled as items.
- The quantity that is going to be consumed will automatically be booked as quantity based article out of the system.

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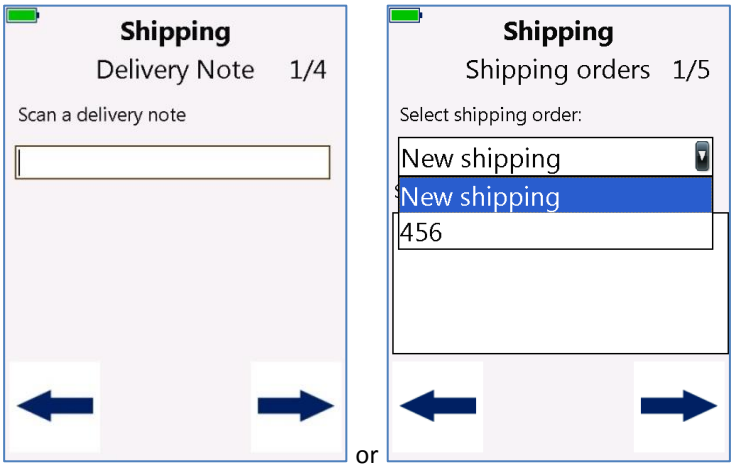
9 Shipping

9.1 Shipping order

(1) The shipping starts by scanning or entering the delivery note number. It is freely eligible, however it should be unique and being assigned only once internally.
If a picking process was finished before, the picked order can be selected via a dropdown-menu to give the possibility of shipping the picked order. After this step, press the right blue arrow button to get to the mask to enter your delivery note number.



9.2 Scanning elements

(1) Scan the barcodes of the items or packages. Information about the scanned items (amount, article number) will be displayed on the mobile device.

(2) To go to the next step, press the blue-arrow-button.

9.3 Shipping of quantity based articles

(1) In order to determine them, click the button to switch to the quantity selection.

(2) Choose the warehouse and the article stored that you wish to send.

(3) Enter the quantity and confirm the entry.

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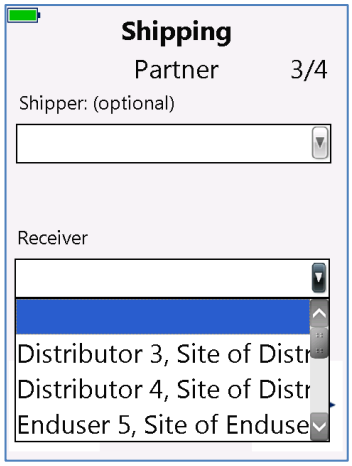
9.4 Choosing receiver and shipper



(1) Choose the goods' shipper (optionally) and the receiver.

Shipper and receiver have to be already saved in your partner master data (see *TTE-Online user manual, chapter 5.4*.), otherwise they will not be shown in the selective list.

(2) If goods are transported by the receiver or sender himself, instead of by a shipping company, choose him as shipper (optional).

(3) Confirm your entry with ☑.

9.5 Predate or postdate shipping

In case you want to predate or postdate shipping processes, you have an option in the settings menu, which lets you select an appropriate function (see *chapter 25.11 Processes 2)*

While doing the process, you get an extra menu, which lets you date the process.

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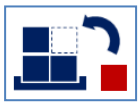
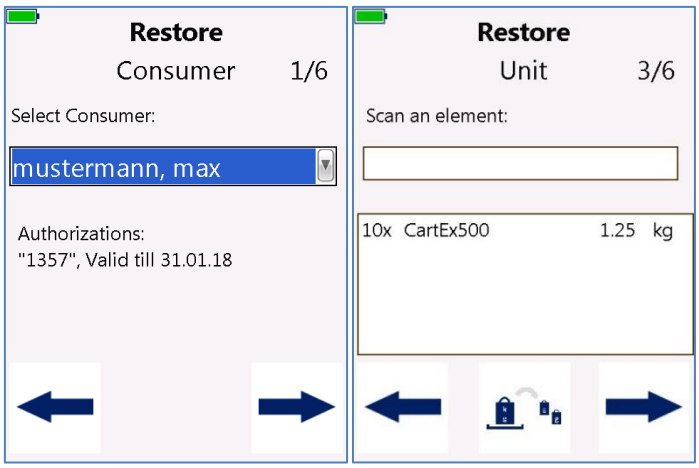
10 Restore

Goods that have already been booked into consumption or have not been used will be restored to their site or into shipping.



If you wish to assign a reference number to this process, the check mark under "Miscellaneous 1" at **Show reference dialog** must be set beforehand (see chapter 25.10). A mandatory field appears at the beginning, where the reference number must be entered. The rest of the procedure is as follows:

10.1 Items



(1) Choose a consumer.

(2) Below the selected consumer, his/ hers authorization and the period of validity will be displayed. Press the blue-arrow-button to confirm the selection.

(3) If the registered user is not the consumer, the password will have to be entered again for security reason. Elsewise, the password entry is optional.

(4) Afterwards, scan the items or packages that you wish to take over into the warehouse. Click the blue-arrow-button to confirm the entries.
Should you restore a divisible item, the question **Do you want to split this element?** occurs. Confirm with **Yes** and you can enter the amount to be restored from the item. Select **No** and the whole item will be restored.

(5) Choose a target warehouse where the items are to be restored and scan or enter a comment (optional). Complete the process by pressing ☑.

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Caution: When booking back an entire outer packaging, ONLY scan the outer packaging and no contents, as otherwise the individual item or the inner packaging will be separated from the outer packaging!
If the outer packaging has already been opened, the next smaller complete unit should always be scanned, but in no case the outer packaging.

10.2 Quantity-based articles

(1) Choose a consumer

(2) In the menu **Scan Code** select .

(3) Select **Consumption** as the warehouse. After this, select the article and the quantity. Confirm your selection by tapping the blue right arrow

(4) After adding all quantities to be restored, press the blue-arrow-button to confirm the selection.

(5) Select the target warehouse, give an (optional) comment and confirm with .

10.3 Restore into shipping

If you do not want to restore items into a warehouse, you may also book them into shipping.

(1) First, choose a consumer.

(2) Below the chosen consumer, his/her authorization and period of validity are displayed. Click the blue-arrow-button to confirm the selection.

(3) If registered user is not the consumer, the password will have to be entered again for security reason. Elsewise the password entry is optional.

(4) Afterwards, scan the items or packages that you wish to book into shipping. Confirm your selection by tapping the blue right arrow.

(5) Now, choose the **shipping** process. Enter the quantity and confirm the entry.

(6) Select a forwarding agent (optional) and a recipient and confirm your entry by pressing the blue right arrow.

(7) Scan or enter a comment. Complete the process by pressing .

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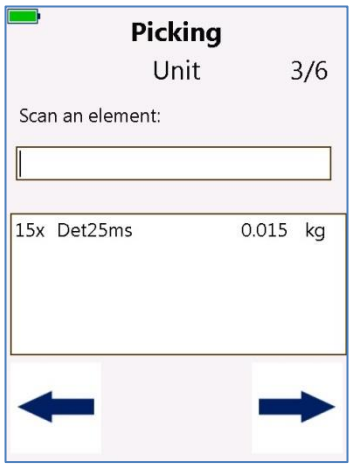
11 Picking

The picking process serves the composition, the assembling and the creation of new packaging units.



(1) First, you will be prompted to enter a reference number, scan or enter it manually.

(2) Scan successively the items to be repacked.

(3) A total of the scanned individual pieces is displayed in the respective unit of measurement. Alternatively, you can display the number of elements here by setting the corresponding setting (see *chapter 25.11. Processes 2*).
Press the blue right arrow to go to the next step.

(4) Scan the <u>new</u> outer package (box, pallet, etc.) where you want to pack into your already scanned items.

(5) In case this is a new outer package, which your TTE-Online or TTE-Local still does not know the code for, you will have to define the appropriate packaging level.
Also, select the target warehouse. Press the blue right arrow to go to the next step.

In order to choose a packaging level, you will have to define in the master data whether this packaging level is available for this chosen article. For more information, see the TTE-Online manual, *chapter 5.3.2. Articles.*

(6) Now you will be able to scan or to enter a comment with the corresponding mobile device.

(7) If you want to assign your picking to a higher packing level (e.g. pallet), press the button . You are then returned to step (2).

(8) Complete the process by pressing .

The created picking can be selected in the shipping process via a dropdown-menu to do a guided shipment with the picked order.

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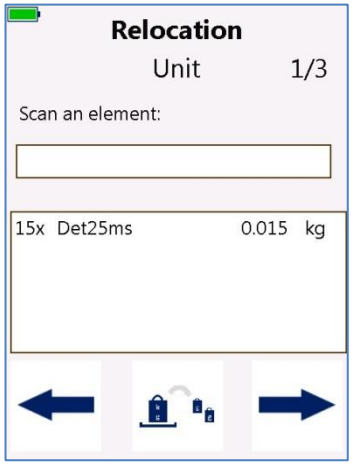
12 Relocation

The relocation process serves the goods transfer between warehouses at the same site. If you have two warehouses, the items to be relocated will automatically be transferred into the other warehouse.



(1) Scan all items that you would like to relocate. If you are going to relocate a quantity-based article, select the button .

(2) After you have selected all items to move, tap the blue right arrow.

(3) If you have several warehouses on site, the target warehouse is selected in the next step. Optionally, you can enter or scan a comment at the end.

(4) Confirm this step by pressing .

If you wish to assign a reference number to this process, the check mark under „Miscellaneous 1" at **Show reference dialog** must be set beforehand (see *chapter 25.10*). A mandatory field appears at the beginning, where the reference number must be entered. The further procedure is identical to that described above.

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13 Disband[1]

Disband is a function of TTE-Enterprise for the dissolving of logistics units. A pallet e.g. is one of them.

(1) Scan the pallet or the box you wish to dissolve.

(2) Following information of the articles that are contained in the packaging are shown on the mobile device: The production site code, the manufacturer's internal article number, the article number of the manufacturer as well as the storage site.

(3) Click the blue-arrow-button.

(4) You may optional enter a comment and complete the disband process by pressing ☑.

14 Discard[1]

Another function available to TTE-Enterprise customers is the declaration of logistic units as scrap.

Therefore, proceed as follows:

(1) Scan the items that you want to mark as discard.

(2) An overview on the scanned items will be displayed. Concluding, you may scan or enter a comment.

(3) Confirm with ☑.

[1] This function is only available in the TTE-Enterprise version.

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15 Destruction

If a logistical unit has become unusable for you, you can remove it from your TTE online/local using the Destruction process. You can then physically destroy the single piece.

(1) Scan the items that you want to destroy and enter optional a comment.

(2) Confirm with ☑ . Now, the items can be destroyed physically.

If you wish to assign a reference number to this process, the check mark under „Miscellaneous 1" at **Show reference dialog** must be set beforehand (see *chapter 25.10*). A mandatory field appears at the beginning, where the reference number must be entered. The further procedure is identical to that described above.

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16 Item based production

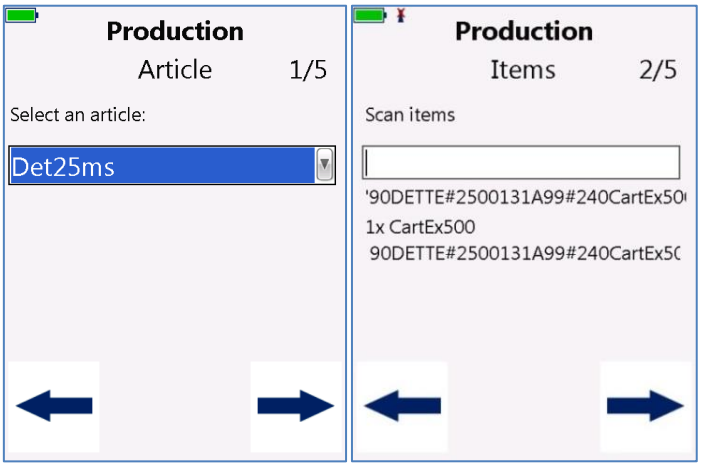
If your company is an explosives manufacturer, it is possible at this stage to pack the produced items into single packages.

If you wish to assign a reference number to this process, the check mark under „Miscellaneous 1" at **Show reference dialog** must be set beforehand (see *chapter 25.10*). A mandatory field appears at the beginning, where the reference number must be entered. The further procedure is identical to that described above.

(1) Select the desired article from the selective list.

(2) Scan the item.

(3) As soon as you terminate scanning the items, a summary appears on how many items were scanned:



(4) Select a packaging level and scan an appropriate barcode if necessary (optional). Click the blue-arrow-button to skip this step.
Please note that you can only select packaging levels that were previously stored in your master data.

(5) Choose the desired target warehouse, scan or enter a comment.

(6) Now you have the possibility to produce further articles within the same production by pressing the button .

(7) Confirm the production by pressing ☑.

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17 Restore into production[1]

If defective or faulty items have been produced during the production process, parts from which shall be reused, they consequently can be returned into production again. These items will then not be displayed in your TTE-Online or TTE-Local.

Proceed as follows during the return process:

(1) Enter the reference number (optional).

(2) Scan the items.

(3) Enter a comment, optional. Hereafter complete the chargeback process by pressing the button ☑.

[1] This function is only available in the TTE-Enterprise version.

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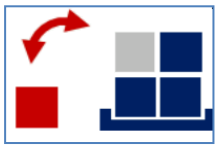
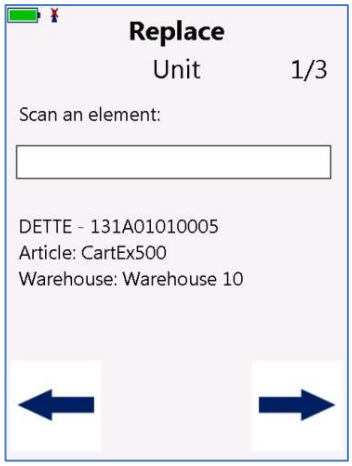
18 Replace[1]



The replace process serves to change one element from a logistical unit for another.



(1) Scan the element on its logistical unit, which you want to change with the other. You will be shown which element has been scanned, what its name is and where it is stored.

(2) Subsequently, scan the second element that you want to replace with the first one. Here, as well you will be given the information on the scanned element.

(3) Scan or give a comment and complete the process by pressing the button ☑.

[1] This function is only available in the TTE-Enterprise version.

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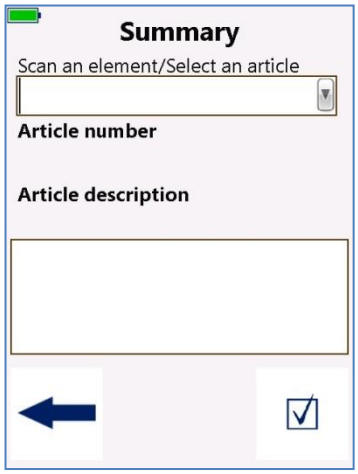
19 Summary by article

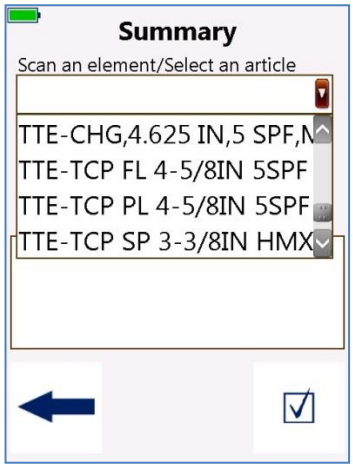
The summary by article shows the stock information on the chosen article:



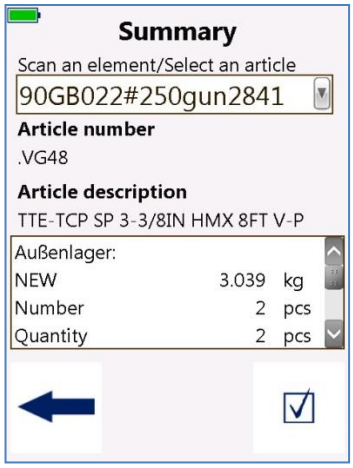
(1) There are three possibilities to get the requested information:

(a) Scan the barcode of the article, e.g. from a barcode list (*see user manual TTE-Online chapter 4.2.*).
(b) Scan the barcode of the logistic unit.

or



(c) Click the arrow icon in order to open the selective list.
(d) Choose your article from the selective list.



(2) Confirm your selection with .
(3) The below area displays the stock information on the selected article.
(4) In order to receive stock information on another article, please repeat the steps from (1).
(5) To leave the process, click the left arrow button.

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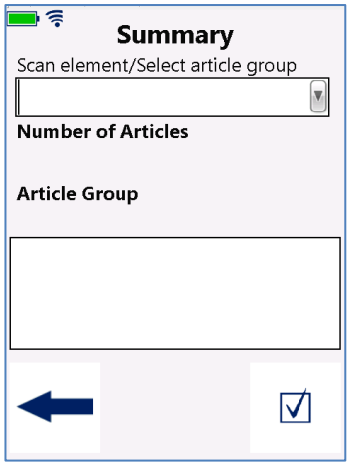
20 Summary by article group

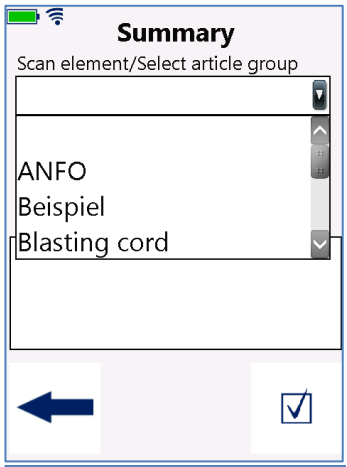
The summary by article group displays the stock information for the selected article group:



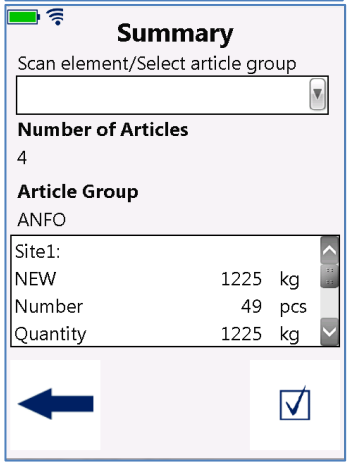
(1) There are several ways to obtain the relevant information:

(a) Scan the barcode of an item from the desired item group

or



(b) Tap on the arrow symbol to open the selection list and select your product group from the selection list.



(2) Confirm your selection with .

(3) The lower section contains the information on the product group as requested.

(4) To obtain stock information for another article group, repeat the steps from (1).

(5) To exit this menu item, tap the left arrow.

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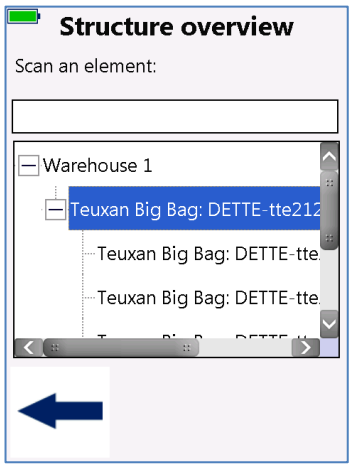
21 Structure overview

The structure overview displays the packaging structure of a logistics unit. This can be either individual items contained in the element or packaging located above the element.

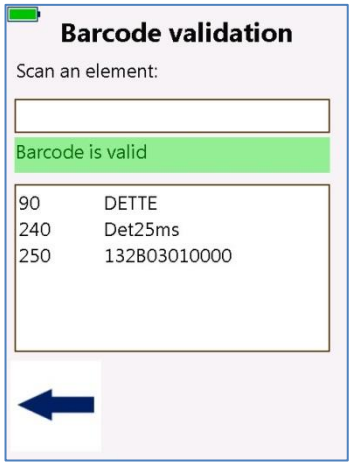


(1) Scan the barcode of the package you want to review.

(2) Contained logistic units will be displayed.

22 Barcode validation

The barcode validation serves to review the barcode content.



(1) Scan the barcode you want to validate.

(2) The overview reflects the barcode structure for validation.

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23 Quality control[1]

If items are transferred from your production to the quality control, they can be marked as such in your TTE-Online / TTE-Local. Therefore, click the quality control icon and proceed as follows:

(1) Scan the element, which shall be reviewed by the quality control.

(2) Scan or enter a comment, optional.

(3) Complete the quality control with ☑.

24 Log out

Please, log out from your TTE-Mobile as soon as you have completed all processes on your mobile device and you do not need it anymore, in order to prevent misuse of your data.

[1] This function is only available in the TTE-Enterprise version.

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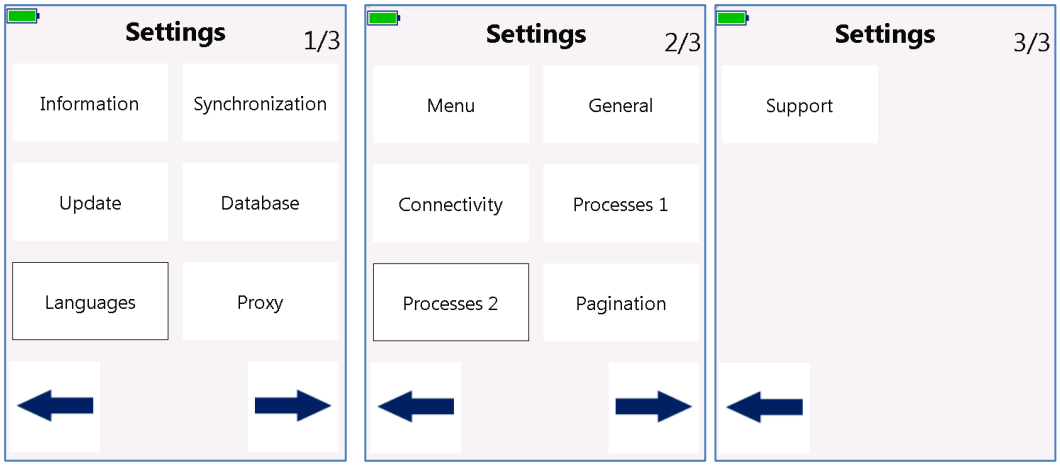
25 Settings

In this chapter, you will receive information on many settings, which you may set in your mobile device. TTE-Europe GmbH provides you a preset device that enables you to start your work immediately. If you would like to change settings, as e.g. language, you will receive information about this procedure in following subchapters.



Some of the menus mentioned in the following sub-chapters use the button to avoid unwanted changes in the settings. To modify a setting, press this button first, then change the setting and finish by pressing the button .

25.1 Information

- **Code**: The code (also called UUID) has to be registered in the MDE master data of the TTE-Online / TTE-Local and serves the identification of your mobile device.
- **Version**: Displays the actual TTE-Mobile version. Please state it when contacting our technical support team.
- **Revision**: Serves the identification of the TTE-Mobile revision. Please state it when contacting our technical support team.
- **Branding**: here it is noted whether your TTE-Mobile is a company-specific program version
- Click the blue-arrow-button in order to return to the menu.

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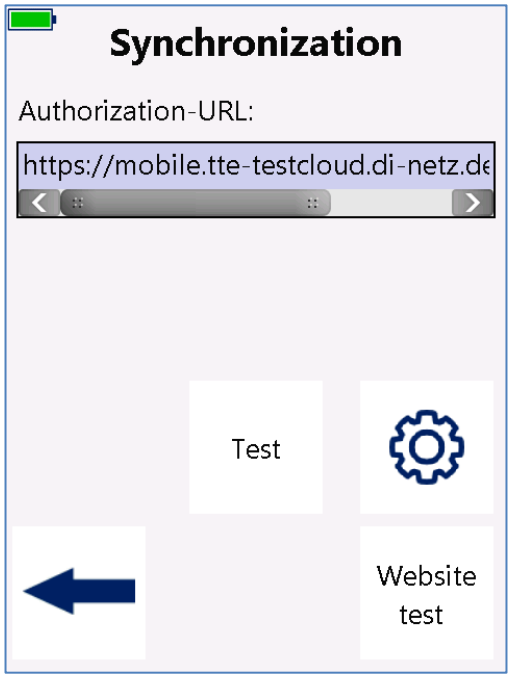
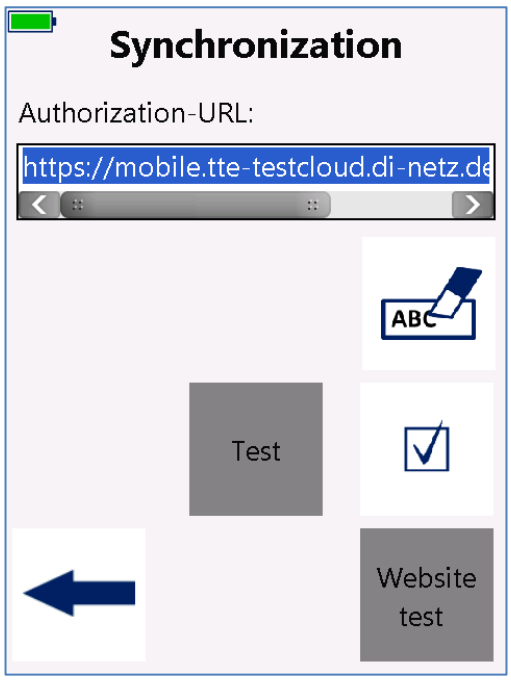
25.2 Synchronization



- **Authorization-URL**: Contains the internet address for the communication to your TTE-Online, -Local, -Enterprise.
- **Test-button:** This button serves to test the connection to your TTE. If the test was performed successfully, you will receive the message **Connection test successful**. Click **OK** to proceed.
- **Website Test**: Tests the connection to the internet. If a connection to the internet is established, the browser will be opened and you will be forwarded to the TTE Website.



- **Settings-button:** By pressing this button, you get the possibility to change the Authorization-URL.

Changes will be performed only by TTE-Europe GmbH, unless you were explicitly requested to do so.

- You will be forwarded to a login mask to change some settings. Enter the login data of the user assigned by TTE-Europe GmbH.
- By pressing the button you empty the address field and are able to enter in the new address. You will find this address inside the pdf-file *TTE-Mobile configuration* in the information menu of your TTE-Online, -Local or –Enterprise (see also *Online manual chapter 4.2.1. Manuals*).
- Finish the change by pressing , you will get back to the main menu.

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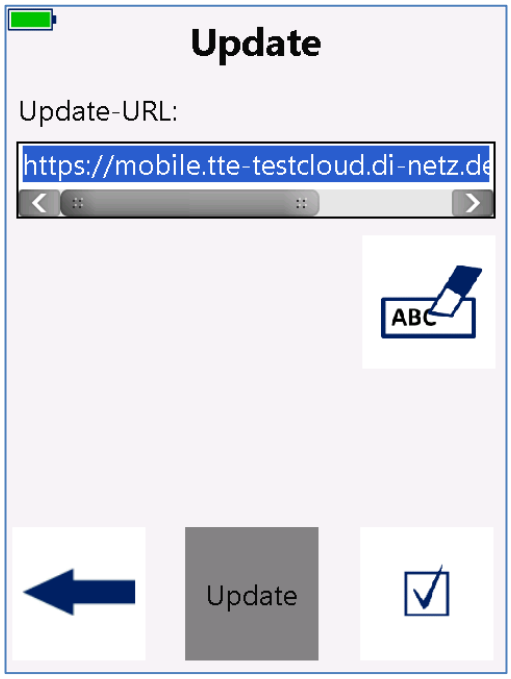
25.3 Update

- **Update-URL**: Internet address for download of the current TTE-Mobile version.
- **Update-button**: Click here to search for a TTE-Mobile update. In case there is a new version available, you can install it on your mobile device. You will be asked for the storage location. Confirm the suggested folder. The following steps will be done by the device autonomous.

In case there is non-synchronized data on the device, TTE-Mobile transfers this data first to the server before the update is applied.



- **Settings-button:** By pressing this button, you get the possibility to change the Update-URL.

Changes will be performed only by TTE-Europe GmbH, unless you were explicitly requested to do so.

- You will be forwarded to a login mask to change some settings. Enter the login data of the user assigned by TTE-Europe GmbH.
- By pressing the button you empty the address field and are able to enter in the new address. You will find this address inside the pdf-file *TTE-Mobile configuration* in the information menu of your TTE-Online, -Local or –Enterprise (see also *Online manual chapter 4.2.1. Manuals*).
- Finish the change by pressing , you will get back to the main menu.

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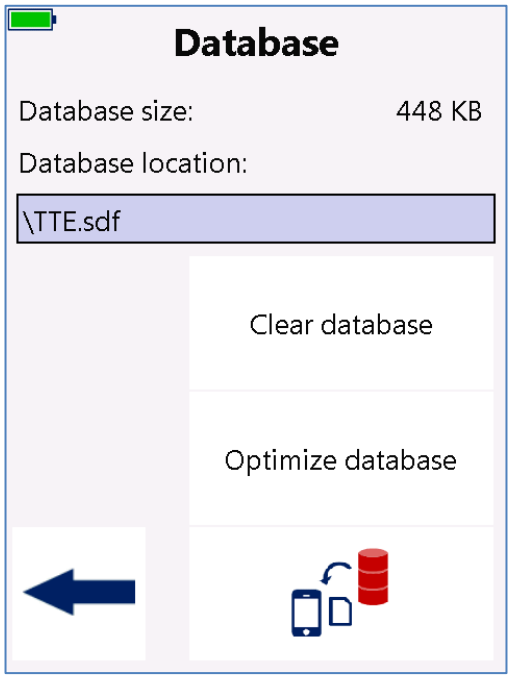
25.4 Database



– **Database size**: Displays the file size of the database.

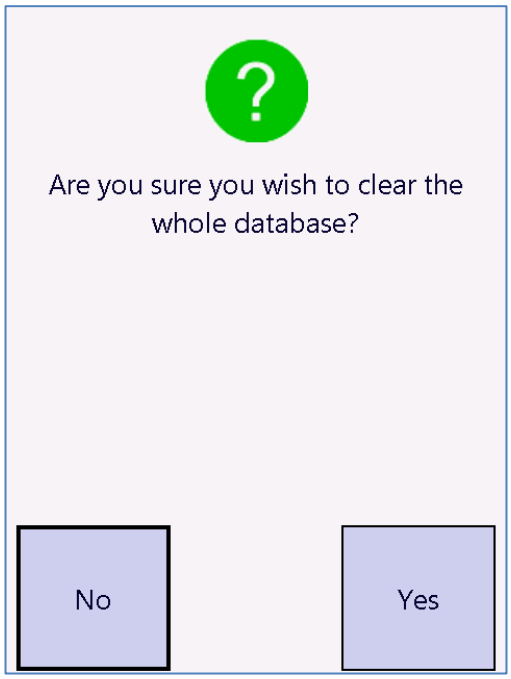
– **Database location**: File path to the database.

– **Clear database**: Press this button to fully delete the database on your mobile device.

a) You will be forwarded to a login mask, where the login data of the user assigned by TTE-Europe GmbH are to be entered.

user: admin
password: admin

If there is data on your device that has not yet been transferred, it is essential to synchronize before resetting the database. Otherwise, there is a risk of data loss!



b) The following menu asks if you really want to clear the whole database.
If you confirm with **Yes**, the database will be fully deleted. This process can take a few minutes, which depends on the database size.
Click **No** in order to cancel this process. You will be forwarded to the main menu.

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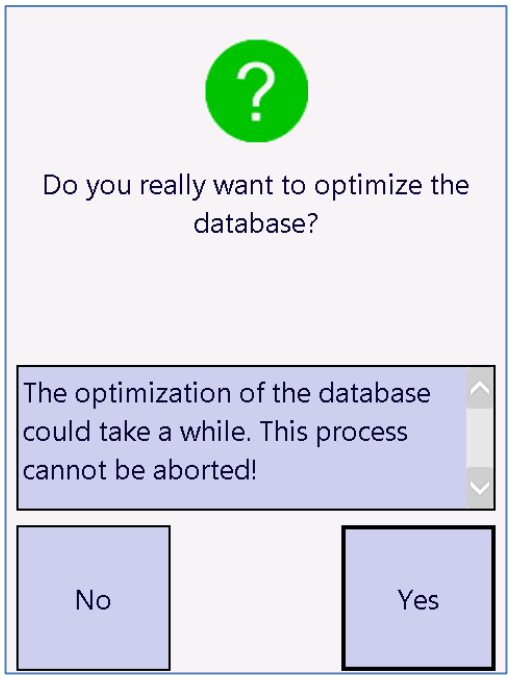


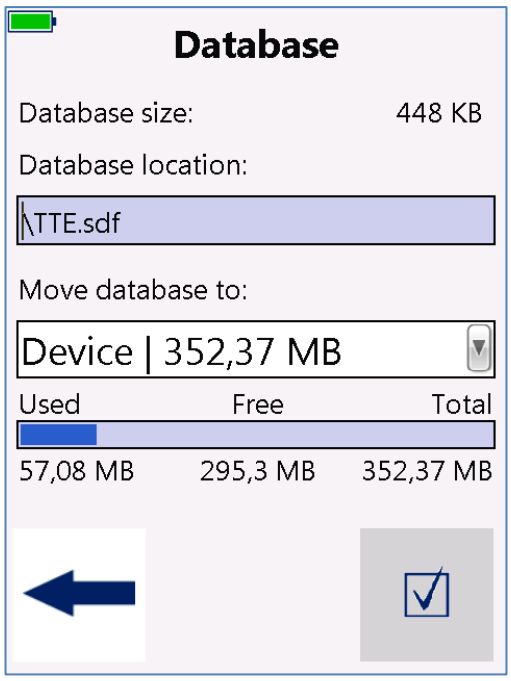
– **Optimize database**: This button serves the acceleration of the data sharing of your database.

After pressing the button, you get another query, which asks you to confirm the process.

Answer **Yes** to optimize the database. This process can take a few minutes, which depends on the database size.

Press **No** in order to cancel this process. You will be forwarded to the main menu.

– By pressing this button, you get the possibility to change the file path of your database.
This can be useful if the remaining storage space on your device is very low.



After pressing the button, you get to an information menu, which informs you of the size and position of the database as well as the remaining space on the different folders of the device.

Now you can select the new storage location from the dropdown menu below **Move database to**. The new remaining storage space will be displayed immediately.

Finish the process by pressing ☑ to get back to the main menu.

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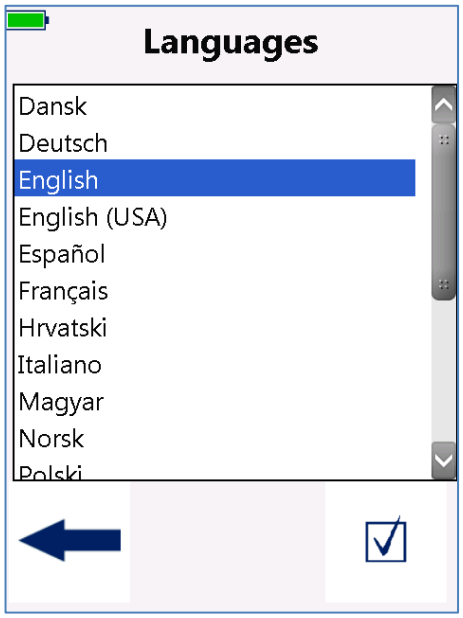
25.5 Languages

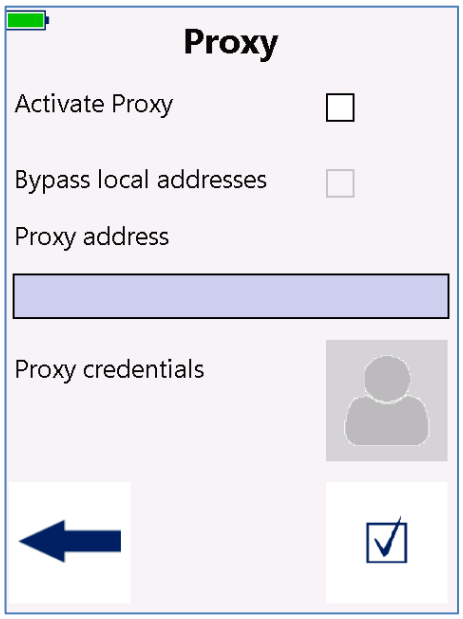


– Select your desired language.

– Confirm by pressing ☑

25.6 Proxy

TTE-Europe GmbH points out that changes to these settings require specialist knowledge. If in doubt, please contact the IT department of your company.



– If your company uses a proxy server, contact your IT administrator to configure it. The following settings can be made:

– **Activate Proxy**: Set a check mark o activate a proxy

– **Bypass local addresses**: Place a checkmark to bypass local addresses.

– **Proxy address**: If you use a proxy, please enter the address here.

– **Proxy credentials**: In the credentials, insert the user, password and name of the domain you are using.

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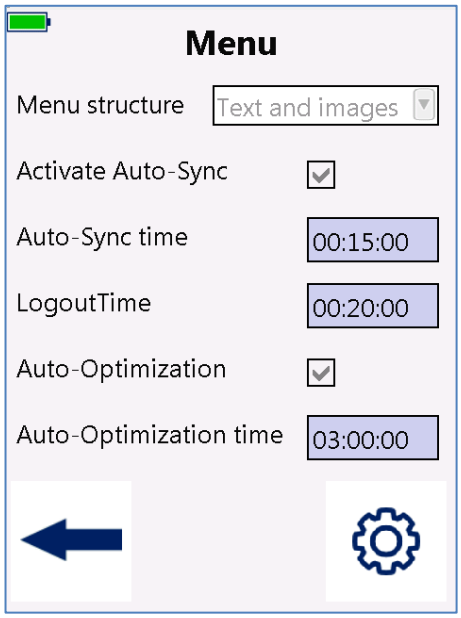
25.7 Menu



- **Menu structure:** Here you can choose how to display the processes in the main menu: Text, symbols, or the combination of text and symbol

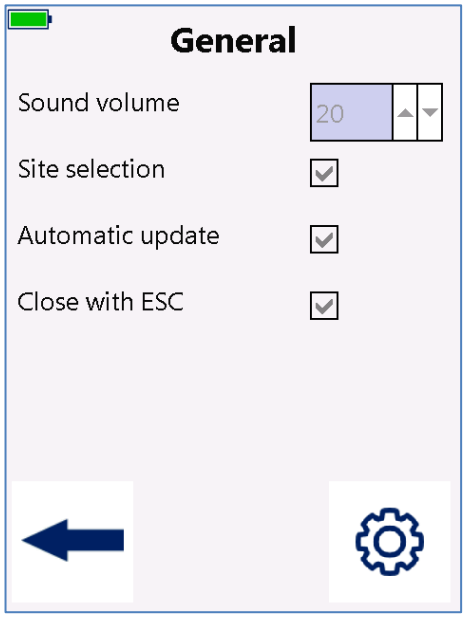
- **Activate Auto-Sync**: Check this box to activate automatic synchronization. Then enter a time period (hh:mm:ss). If no processes are carried out in the specified **Auto-Sync time**, TTE-Mobile will automatically perform a synchronization.
  However, this is only carried out if you are in the main menu and the device has a connection to the server.

- **LogoutTime**: If no actions are carried out via TTE-Mobile for the specified time (hh:mm:ss), you will be logged out automatically.

- **Auto-Optimization**: Check this box to activate the automatic optimization of the database (see chapter 25.4). Then enter an **Auto-Optimization time** (hh:mm:ss). If no processes are performed in the specified time, TTE-Mobile will automatically optimize the database.

To change the parameters, first press and then carry out the desired changes and confirm them with .

25.8 General



- **Sound volume:** Here you can set the output volume of the acoustic signals

- **Site selection:** Check this box to activate the location selection. If your mobile device is used at more than one location, a selection of locations will be displayed in the login screen.

- **Automatic update**: If you tick this box, TTE-Mobile will automatically search for new updates after each login.

- **Close with ESC**: When the ESC key is pressed, TTE-Mobile is terminated.

To change the parameters, first press and then carry out the desired changes and confirm them with .

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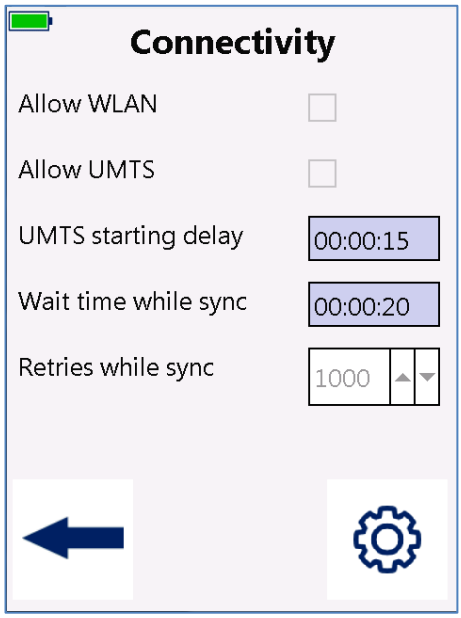
25.9 Connectivity



- **Allow WLAN**: Check this box to activate the wireless Internet connection via WLAN.
- **Allow UMTS**: Check this box to activate the wireless Internet connection via UMTS. (Prerequisite is the previous activation of the SIM card in the Windows Mobile main menu).
- **UMTS starting delay**: Here you can set a time delay (hh:mm:ss) for UMTS.
- **Wait time while sync**: Waiting time for successful data processing of the server.
- **Retries while sync**: Number of repetitions after an unsuccessful synchronization.

To change the parameters, first press and then carry out the desired changes and confirm them with .

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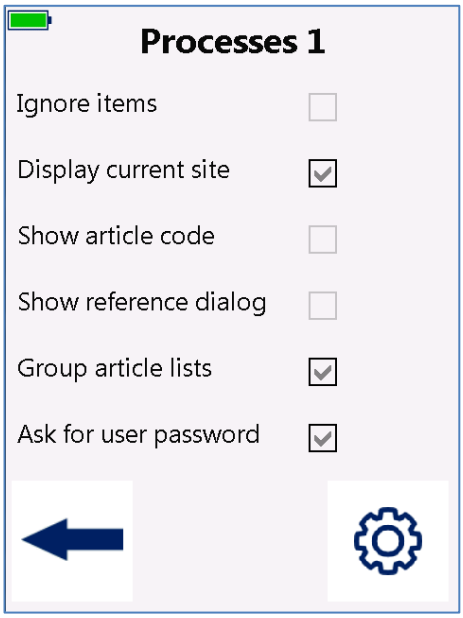
25.10 Processes 1



- **Ignore items**: After activating this function, the packaging layer single item is ignored in all processes and is no longer transferred to TTE-Mobile. Only boxes, pallets, intermediate packaging etc. are taken into account.
  This function must be activated in your TTE Online/Local. Further information is available in the TTE-Online manual under *chapter 5.6. MDEs*

- **Display current site**: Check this box to display the current location where you are working in the login screen.

- **Show article code**: You can decide whether your mobile device displays the description or the AI240 (manufacturer article number) of the article when scanning the products.

- **Show reference dialog**: If you tick this box, a mandatory field will appear at the beginning of consumption, restore, relocation, production and destruction processes where a reference number must be entered. If you deactivate this function, no query of the reference number is made.

- **Goup article lists:** Check this box to get a grouping of more than 5 different articles on the MDE in the scan window.

- **Ask for user password:** To carry out the consumption process properly, you must select a consumer with valid blasting authorization from a list. For security reasons, the password of the consumer is requested. If you yourself are logged in as a customer, this password query is not necessary.
  This function should always remain activated to prevent misuse of your data.

To change the parameters, first press and then carry out the desired changes and confirm them with .

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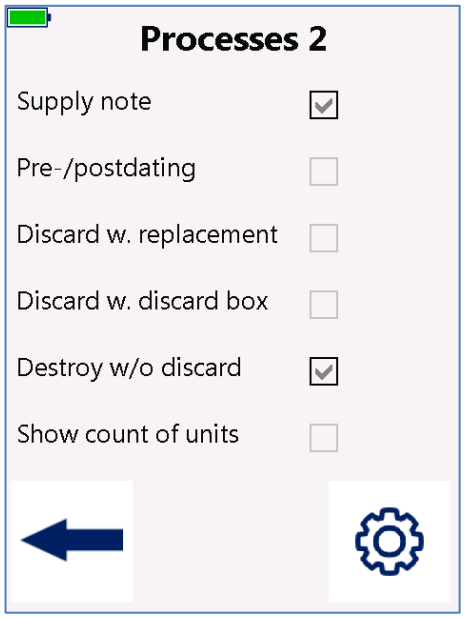
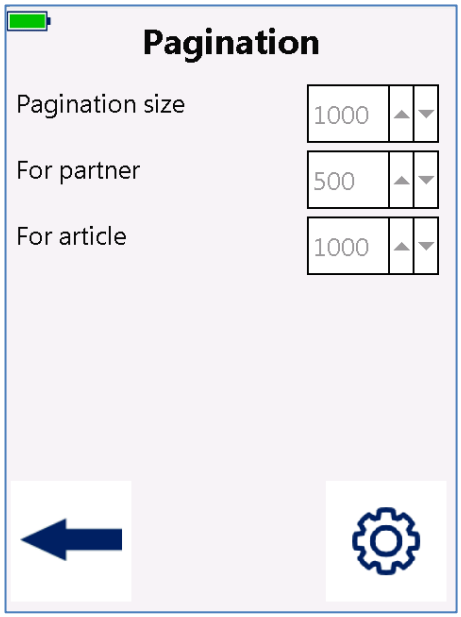
25.11 Processes 2



- **Supply note:** If you check this box, an optional input field appears at the end of all processes in which any reference can be entered.
- **Pre-/Postdating:** If you select this field, you have the possibility to pre or postdate a shipping process. An additional window appears in the process for this purpose. See also *chapter 9.5.*
- **Discard w. replacement**: Is relevant for TTE-Enterprise customers. Place a check mark here to activate discard with replacement.
- **Discard w. discard box**: Is relevant for TTE-Enterprise customers. This function enables you to exclude boxes in which individual items are packed in addition to individual items.
- **Destroy w/o discard**: Is relevant for TTE-Enterprise customers. Place a check mark here to activate destruction without discard.
- **Show count of units:** Check this box if you want the number of scanned elements to be displayed additionally when entering elements (e.g. at goods receipt or consumption).

To change the parameters, first press ⚙ and then carry out the desired changes and confirm them with ☑.

25.12 Pagination



- **Pagination size:** Here you can set the size of the data packets transferred during a synchronization. To adjust the pagination size, select the two arrows next to the input field or enter a number directly.

- **For partner:** Here you can set the size of the data packets transferred during a synchronization with regard to your partners. To adjust the pagination size, select the two arrows next to the input field or enter a number directly.

- **For article:** Here you can set the size of the data packages transferred during a synchronization with regard to the articles you use. To adjust the pagination size, select the two arrows next to the input field or enter a number directly.

To change the parameters, first press ⚙ and then carry out the desired changes and confirm them with ☑.

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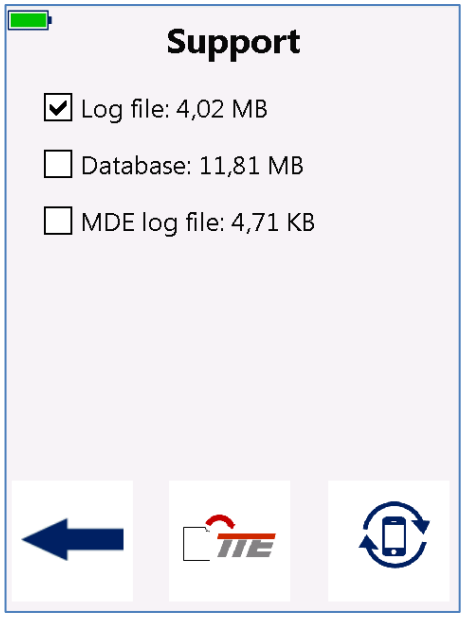
25.13 Support files



- Any support relevant data, as e.g. log file, database and MDE-log-file can be sent to our technical support team, in case it comes to any difficulties with your mobile device.
  Note: If the log file exceeds 10 MB in size, it is automatically added to the log archive.
  Please inform our technical support when you have sent the data, as there is no notification of the file upload.

- Therefore, tick the respective box of the data you wish to transmit and click the icon .

- If it is impossible to handle your device as usual, please click the icon and your device will be restarted. For more information about the restart of your device, you will find in *chapter 28.1. Reset the mobile device.*

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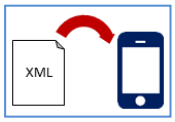
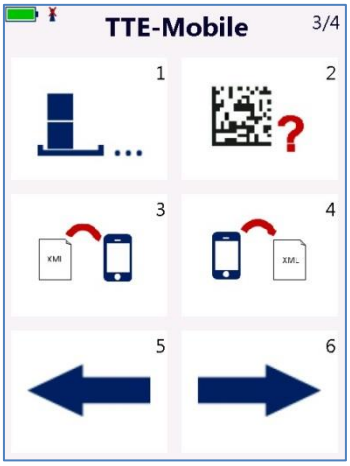
26 XML-Import via USB (only Omnii XT15)

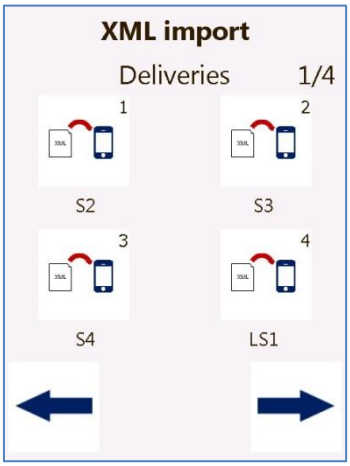


This function serves to load the delivery data (XML files) from a USB stick directly on the mobile device. Therefore, you need a USB adaptor that needs to be put onto your mobile device.

Please, consider that USB adaptors are available only for Omnii XT15!



(1) Choose the function XML-Import in your main menu.



(2) TTE-Mobile browses all folders of your mobile device and the connected USB flash on XML files.

(3) As soon as several files are found, they will be displayed.

(4) Select an XML file that will be imported.

(5) To finish the process, press **OK**.

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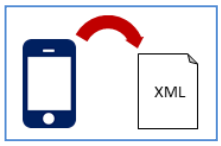
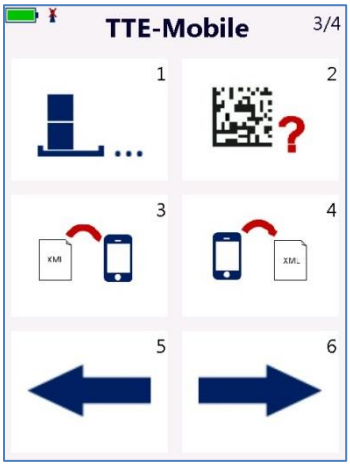
27 XML-Export via USB



The delivery data (XML files) can be saved on a USB flash drive after the shipping process. Therefore, please connect the USB adaptor.

Please consider that USB adaptors are available only for Omnii XT15!



(1) Select the XML Export function from the main menu.

(2) The XML file will automatically be named after the delivery note number. Choose the XML file you wish to save on the USB flash drive.

Precondition for an XML-Export is a completed shipping process.

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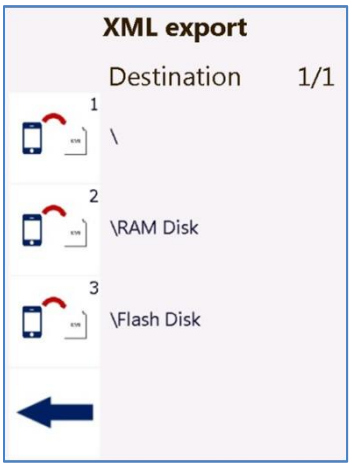
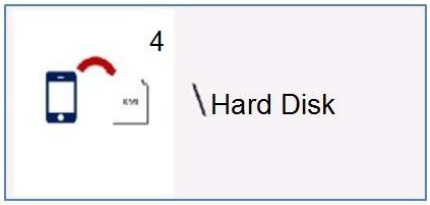


(3) Choose, where you wish to save the file.

(4) Go to the second page of this view. It will **only** be shown if the USB flash drive is connected.

(5) Select following push button:



28 Instructions for the technical use of mobile devices

28.1 Reset of the mobile device

If the mobile device does not respond to any action during process, TTE-Europe GmbH suggests restarting the device. Following key combinations are possible:

Omnii XT15	**SYM** (orange) + **FN** (blue) + **ENTER** Press at the same time and for 4 seconds
Workabout Pro 4	**FN** (orange) + **FN** (blue) + **POWER** Press at the same time and for 4 second
MC65	POWER + 1 + 9 Press at the same time
MC67	POWER Press for 4 seconds
MC92	POWER Press for 4 seconds

28.2 Lock / Unlock display or keypad

If you use an Omnii XT15, you will be able to lock or unlock your display or keypad with a simple key combination. Therefore, press following keys one after another:

Omnii XT15	**FN** (blue), **SYM** (orange), **BACKSPACE** one after another

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29 FAQ

Why does my device not recognize some items?

Data of used or sent logistics units are being removed from the mobile device after 30 days and are not being transferred anymore.

In case that this data is still needed, e.g. for a restore process, this process will be done manually in the TTE-Online. This step is to reduce the memory capacity on the mobile device and hence to improve the performance.

What can I do, if my device becomes slowly?

The capacity of the device can sometimes be improved by a “clean up” of the database. There are two ways to do so. You may perform either a manual or an automatic data base optimization.

- Manual data base optimization:

Click in the login screen the **settings** button, afterwards the **data base** and then the **optimize data base** button. You will get a notice that this process cannot be interrupted and that it will last a long while. Confirm the notice with **Yes**, if you want to start the optimization process right now, or reject it with **No** and you will be directed back into the menu point.

- Automatic data base optimization:

Click in the login screen the **settings** button and afterwards on **menu**. Now, the auto-optimization can be activated by ticking ☑ The auto-optimization time is preset at 03:00 a.m. If you prefer another timeslot, please enter your desired starting time. Consider that the data base optimization process can last up to 4 hours. (See *chapter 25.4 Data base*)

30 Help

Do you have any further questions about TTE-Mobile? Please, contact us, we are glad to be able to help you.

TTE-Europe GmbH
Phone:
For technical support, please contact: + 49 (0) 351 826 65 199

For commercial or administrative issues, please contact: + 49 (0) 351 826 65 100

E-Mail: info@tt-e.eu
Internet: www.tt-e.eu

31 Glossary

AI	The **A**pplication **I**dentifier gives information on the art of the data field. Following AIs are applicable for the Track & Trace of explosives: **AI90** production site number **AI250** producer's internal unique identification number for an item of an article (unique item number) **AI240** producer's article number (product code)
DMC	The **D**ata **M**atrix **C**ode contains coded information, important to the Track & Trace of explosives.
MDE	The mobile data capture device (MDE) serves the record and processing of information data, which is contained in the barcode.
UUID	The **U**niversal **U**nique **Id**entifier is a number that serves the identification of the respective mobile device.

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