

MATRIX-TM 4.2 Release Notes

This document summarizes the changes and new features comparing MATRIX-TM **V4.0** and **V4.2**.

Changes from V4.0:

Module	Feature	Description
<u>General</u>	Logs	When the system creates log files, the file name format will be as follows: [Log Name].[Date by YYYYMMDD].[log as file extension] For example: logs.20080527.log
<u>MANAGE</u>	Monthly Process	The reversed Issue transactions (with negative issue quantities) are not counted for the Frequency (No. of Issues).

New features:

General:

Feature	Description
New Languages	Matrix-TM now supports 1 more language: ar-Arabic In total 21 languages are supported.

Interfaces:

Feature	Description
Interface between MATRIX and SAP	New option 'Stock Transfer' was added to 'Interface Type' field on the 'Interface Maintenance' screen in order to send the stock quantities to SAP. These quantities are sent to SAP and compared with the SAP stock.

Database Administration:

Feature	Description
General	New option ' History Data Options ' was added to the options tree. This option enables to totally delete from the database Closed Orders and Transactions which are older than a specified date.
	New option ' Local Information ' was added to the options tree to display information regarding the computer details on which the software is running.
Activate Jobs	New fields 'Next run date' and 'Enabled' were added to display information about the job selected.

MANAGE Module:

Feature	Description
General	<p>It is now possible to define default values for some of the fields on the Bin and Item maintenance screens, for example: Define defaults for 'Item Type' field. See "Menu: Administration → Defaults List".</p> <p>New option 'Receive without Order'. This option displays the list of all the bins that have available capacity and enables receiving items to these bins without the necessity to have an open purchase order. This option was developed to support interfaces between Matrix and ERP systems where the ERP system creates the purchase order. Fields to input references for the ERP order are available. See "Menu: Order → Receive without Order".</p>
Search screens	<p>By using <Save> and <Save & Close> buttons on the toolbar you can now save search parameters along with the sizes of windows.</p> <p>A new button <... > (Search Parameters) was added to all the search screens to enable an accumulative selection of search parameters for text fields.</p> <p><Refresh> button was added to the toolbar. This option refreshes the displayed record data that may have been changed by other users.</p> <p>New columns added to search screens: <u>For example:</u></p> <ul style="list-style-type: none"> - 'Search User' screen – new 'Group Description' – now you can easily view the user's Group. - 'Return' screen – 'Consignment' column – distinguishes between consignment and non-consignment bins for return. - 'Search Transaction' screen – 'Order Type' column – distinguish between the types of orders in 'Receive' and other transactions. <p>It is now possible to immediately delete users from the 'Search User' screen without the need to first delete his group membership. Delete will also be effective even if he has some transactions.</p> <p>New options 'Order Maintenance' and 'User Maintenance' were added to the pop-up menu displayed by right-click on the 'Search Transaction' screen.</p>
System options	<p><u>Option 213 - Number of months with no Item/Bin activity</u> Number of months with no activities on Item/Bin for defining them as Dead for the reports.</p> <p><u>Option 2 - Scheduler task computer Name</u> Scheduler task computer Name – Reserved for next version, D o N o t C h a n g e this value !!!</p> <p><u>Option 812 - Auto PO Code</u> By activating this option, the PO Code field will receive a number that is incremented automatically. It is like a counter for automatic purchase orders.</p>
Item Maintenance	<p>New button <Add> was added to the 'Item Maintenance' screen on the 'Location' tab to connect the item to an available bin.</p>
Bin Maintenance	<p>New field 'Issue Any Quantity' was added to the 'Bin Maintenance' screen. The default is copied from the same field of the 'Cabinet Maintenance' screen.</p>

Supplier	<p>New field 'Order Mode' was added to the 'Supplier Maintenance' screen. Now it is possible to define order mode (No run / Draft / Open / Send to supplier) per supplier.</p> <p>It is now possible to edit the value 'Date Last Updated' (related to automatic order process) on the 'Supplier Maintenance' screen.</p>
Cost Centers	<p>New field 'Min Length' was added to 'Cost Center Header Maintenance' screen to require a minimum number of characters when inputting data for the chosen field.</p>
Orders	<p>When sending order by email fails, the system displays a detailed error message received from the SMTP server.</p> <p>Standard (purchase) Orders: By default automatically created purchase orders are generated now with a sequential value for 'PO Code' field. This default can be changed with system option 812.</p> <p>Rework Orders: When creating a rework order and opening search screen with bins containing the used stock, the search screen enables multi select of the bins by holding CTRL button and selecting multiple bins.</p>
Issue	<p>New field 'Remarks' was added to the 'Issue' screen.</p>
Return	<p>When trying to return stock to a bin marked with 'Consignment', the system displays a warning message with an option to cancel the operation.</p>
Reports	<p>New report 'Issue / Return Comparison' was added to compare returned quantities with the issued quantities per item/user. See "Menu: Reports → Transactions → Issue / Return Comparison".</p> <p>Advanced reports - fields which have Date parameters – we have a new option 'Last 7 Days' for filtering the records. For example in 'Advanced Orders Report' for 'Order Date' field, in 'Advanced Transactions Report' for 'Transaction Date' field etc.</p> <p>In all the advanced reports a new tab 'Advance' was added to enable a comparison between two fields by using the signs < or > or <> (Not functioning for sign '=' - this is a known bug that will be fixed next version). For example, Advanced Orders Report – promise date < receive date, to show orders received after the promised date.</p> <p>New fields 'Bin of Reworked' and 'Bin of Used' were added to the 'Advanced Transactions Report' to the 'Group By' list to enable separating between transactions quantities of new / used items.</p> <p>By using system option 213 it is possible now to define the period of time to consider the items/bins that are not in use as dead for the reports 'Dead Items Report' and 'Dead Bins Report'.</p> <p>New option 'Stock Transfer' was added to pop-up menu displayed by right-click on the 'Stock Shortage' report. If the stock shortage is on the Bin level, you can supply the stock shortage from another bin.</p> <p>The 'Advanced Orders Report' displays also the 'Remained Quantity' – this is the quantity per order line that has not been received (additionally to 'Quantity' and 'Value').</p>

<p>Import Data</p>	<p>It is now possible to import stock management data (such as Minimum and Maximum quantities and more) for all the levels by using the new table 'V_IMPORT_STOCK_MANAGE_LEVEL' available for import.</p>
	<p>More system tables are available now for import:</p> <ul style="list-style-type: none"> - Table of Currency (TVL_CURRENCY) - Table of Item Category (TVL_ITEM_CHARACTERISTIC) - Table of Unit of Measure (TVL_UNITS_OF_MEASURE)
<p>Main Menu authorizations</p>	<p>New option was added to Authorization Manager to TOUCH SYSTEM tree for defining the access authorizations for the new option 'Receive without Order'.</p>

TOUCH Module:

Feature	Description
<p>General</p>	<p>New option 'Receive without Order' was added to the Main Menu. Selecting this option will display a list of all the items that can be received (available space) without the need to have a purchase order. This option is used when an interface between Matrix and ERP systems is active. In this case the ERP system creates the purchase orders. When receiving the item, you can input references from the ERP purchase order.</p> <hr/> <p>One of the most important features added in this MATRIX version is 'Key Connected'. Keys are stored in MATRIX and connected to external lockers (defined as bins of a Non-Automatic cabinet). Two transactions will be created in this case; Issue transaction for the key and relevant transaction for the item in the locker. The stock for the key is also managed in MATRIX. See more details regarding keys in different modules, especially Issue module.</p> <hr/> <p>On the screens where item image is displayed, by pressing on the image itself the system will display the image enlarged and extra data from Manage module by tabs 'General', 'Suppliers', 'Additional Fields', 'Locations' and for the Transactions module, also the 'Cost Centers' tab.</p> <hr/> <p>It is now possible to adjust the search screens and grids per database. The following operations are available for change and for save:</p> <ul style="list-style-type: none"> - Adding / Removing columns to the view by the right-click popup menu - Reducing / Enlarging columns width by dragging - Relocating the columns to different position by dragging - Sorting the data by selected column by pressing the column header <hr/> <p>It is now possible to add a remark for transactions of different modules by pressing on the new <Remarks> button and inserting the text via the virtual keyboard. This feature works only on MATRIX cabinets.</p> <hr/> <p>A new print button has been added to the 'Drawer Mapping' window. If a print device is connected to the machine, you can print the data regarding item and the drawer map to a printer. Otherwise this data will be displayed as text on the screen. Useful if you want to print picking instructions for a non-automatic cabinet.</p>
<p>Cost Centers</p>	<p>It is now possible to filter the list of items for issue according to the previously selected cost centers.</p> <p>For example: If the workpiece / part is a cost center, this feature allows you to create a tool list per part, which will control and prevent the wrong tool from</p>

	<p>being used. (See also the change described for Issue)</p>
Issue	<p>It is now possible to display a list of items for issue according to the selected cost centers. By making the required definitions to connect items with cost codes in the 'Manage' module, the selection of cost centers in the Touch module will filter the list of displayed items according to the cost code selected.</p> <p>'Key Connected' – when issuing an item located in an external cabinet or locker, the MATRIX cabinet will actually issue the key for the locker, and create separate transactions: one for the key and one for the item. A great and economical solution for large items.</p>
Receive	<p>When user selects partial quantity to receive and question about closing order line is displayed, the user has the option to cancel the operation by pressing on the <Cancel> button (additionally to <Yes> and <No> buttons).</p>
Transactions	<p>It is now possible to view the cost centers for which the item was issued by pressing on the item image of the selected transaction and then selecting the tab 'Cost Centers'. (See also the change described for General)</p>