

# Expert Version 4.0.46.1

Entersoft Business Suite®

New features and functionality

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## New Features & Functionality (Outline)

This document aims to report the new features and extensions of Expert Version 4.0.46.1. First, the newly added functionality and features are briefly listed and, then, a detailed presentation follows. User guidelines and examples are provided where necessary.

### Entersoft ERP

- In document printouts the option to print a different identifier, for each of the multiple copies printed in different printers (Original, customer copy etc), has been supported.
- A new Calculation process for purchase prices per supplier is available.
- New views (BITs) are available for reasoning the Cashflow printing data of the various forecast entries groups.
- A new option has been added for calling an automation after the completion of the documents transition.

## Entersoft ERP

### Documents & transitions

#### Copy lines to Excel

The option to **manage warehouse dimensions analysis lines in excel** has been added. Specifically, 2 new orders named **'Copy to Excel'** and **'Paste from Excel'** have been added and can be used in the toolbar of dynamic forms (search in Tools & Configuration/Additional development tasks/Shortcut management if you wish to match them with a keyboard combination).

The copy process transfers the line data based on the current layout and if analysis lines exist, new columns (for the dimensions following the items) are added automatically before the numeric columns. If analysis lines already exist, these are transferred while the same Line SEQ. NO is kept. In this way, during paste, the same number of line items with those of the analysis lines are created. Alternatively, the analysis lines are transferred and connected with the same line item, based on the excel data.

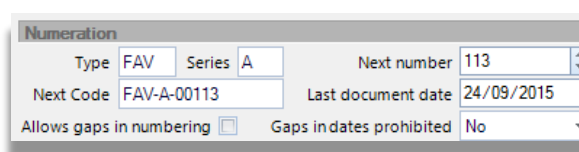
In the example below, the columns Color & Size, are automatically added when copying to Excel, since some of the items monitor these dimensions (if there was an item with a lot, one more column would be added for the lot regardless if this was in the grid layout or not)

| SEQ.N<br>O | Item     | [_Description_]<br>] | MU      | Color | Size    | Quantity | Price  | Initial<br>value | %<br>disc.1 | Net<br>value | VAT<br>category | TOTAL  |
|------------|----------|----------------------|---------|-------|---------|----------|--------|------------------|-------------|--------------|-----------------|--------|
| 1          | 2010-21  | Set-Color-Size 1     | BU<br>C | BL    | 37      | 3,00     | 50,00  | 150,00           | 10,000      | 135,00       | 11              | 167,40 |
| 2          | 2010-23  | Set-Color-Size 3     | BU<br>C | RE    | 37      | 6,00     | 50,00  | 300,00           | 12,000      | 264,00       | 11              | 327,36 |
| 3          | 2010-20  | Set-Color-Size       | BU<br>C | GR    | 35<br>½ | 2,00     | 60,00  | 300,00           | 5,000       | 285,00       | 11              | 353,40 |
| 3          | 2010-20  | Set-Color-Size       | BU<br>C | GR    | 35      | 3,00     | 60,00  | 300,00           | 5,000       | 285,00       | 11              | 353,40 |
| 4          | 2010-003 | Printer FP-680S      | BU<br>C |       |         | 1,00     | 100,00 | 100,00           | 3,000       | 97,00        | 11              | 120,28 |

When copying from excel to the lines grid, by using the shortcut command, two distinct lines for the same item based on seq. no will be created, as shown in the excel.

#### Document series

- It's now allowed to combine the options **Gaps in dates & Gaps in numbering** in the document series configuration.



#### Users privilege Profile in documents

- The field **Delivery date** has been added in the fields of group "Informative data", in order for one to be able to allow the free modification of it, regardless of the locking of other 'official' document data.
- The fields **Transition Step**, **Sales & Distribution Stage** and **Driver** were transferred to the **informative fields** of documents **Access Rights Profile**.
- The category **Quantity fulfilment** has been added in order for someone to be able to define the excess of prohibitions option on locked documents if the changes relate to lines connection and pending updates. For example, in a delivery note of a closed period, excess may be allowed to specific users in order for them to delete a pending quantity or to complete a relevant document or to call the Automatic Pending Settlement process.
- The **administrators** can take part in the excess of prohibitions option by activating the new column in the users group – data category groups.

| Restrictions exceeded Additional restrictions Apply to Document types |             |                     |                         |                                     |
|-----------------------------------------------------------------------|-------------|---------------------|-------------------------|-------------------------------------|
|                                                                       | User group  | Data category       | Field name              | Administrators                      |
| 1                                                                     | POWER USER  | Quantity fulfilment |                         | <input checked="" type="checkbox"/> |
| 2                                                                     | ACCES_TOTAL | Informative data    | {Trade document.Driver} | <input checked="" type="checkbox"/> |
| *                                                                     |             |                     |                         |                                     |

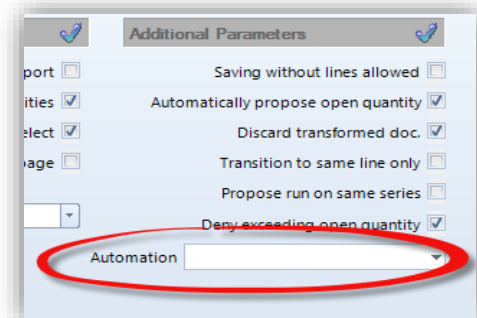
## Calling an automation after Transition

The option of calling an automation following the storage of each produced document of the transition process has been added as soon as this is selected in the new field of the transition rule.

For example, one may edit the data of a created document or activate a printout or send an email etc.

The available automations are shown in the area \ESFormCommands for each one of the areas corresponding to the produced document:

- ▶ \ESFormCommands\ESFIDocumentTrade
- ▶ \ESFormCommands\ESFIDocumentCash
- ▶ \ESFormCommands\ESFIDocumentStock
- ▶ \ESFormCommands\ESFIDocumentAdjustment



## Documents Barcode

The possibility of creating a **unique document identification number** is now supported. This serves situations requiring a unique ID in barcode format to each document printing to expedite the search time - identification of documents. For this purpose, the **DocBarcode** field has been added in the header of the document.

To activate the automatic creation one must choose among the relevant document types the «**AUTOGEN\_BARCODE**».

Then, activate from *Additional development tasks / Rules Activation* four new rules named « **Barcode assignment** » to the entities Trade Document, Transit Document, Adjustments Document, Cash transaction Document.

Further customization of the form of the Barcode generated, can be achieved via the new parameters in class Document management:

- ▶ Documents Id : Number of digits counter
- ▶ Documents Id: Prefix

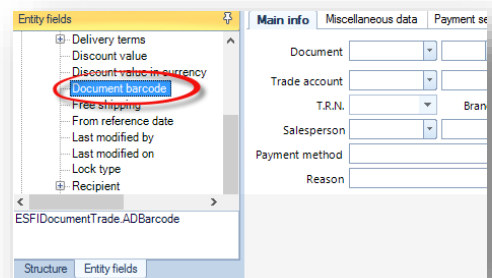
## Retail

- ▶ The filed 'Supervisor' has been added in the entry form of a company in Retail.

## Other Improvements

- ▶ The ability to create a document through the data management screen of another one, **by selecting a different document type**, has been added. This will facilitate users to make continuous data entry, since it is no longer mandatory to seek the appropriate shortcut or the appropriate menu option. The relevant automations are:

**Ctrl-F5**      New document by selecting the type of the same class (trade documents, etc.)



**Ctrl-Shift-F5** New document type to select the same menu (sales, adjustments, etc.)

In both cases, if changes are made on the screen, confirmation will be asked for and then after the desired type for the new document is selected, the previous screen will close and the screen of the selected document will open.

In order to facilitate successive entries from the same task at the same time, the system will search for the selected document type **series** with the same code, and if found it will be proposed. Accordingly, the proposed date / **date of issue** of the new document will be that of the previous one.

In the dialogue box of the new address definition a **VAT regime** field has been added.

|               |                                     |
|---------------|-------------------------------------|
| Tel. number 1 |                                     |
| Fax 1         |                                     |
| Main contact  |                                     |
| VAT Regime    | Standard                            |
| Branch        | <input checked="" type="checkbox"/> |
| Code          | 2                                   |
| GLN           |                                     |

- ▶ The field Item's **International Code** have been added.
- ▶ In Adjustment Documents, a number of improvements have been made to improve the registration date, especially when used by processes (measurement, counting, etc.).

## Inventory

### Stock Valuation

In the Fifo, Lifo & Floating cost methods where each 'positive' entry (i.e of a Purchase invoice) is decreased (by quantity only) by 'negative' ones (i.e credit notes), in order for incorrect credit values to be spotted and corrected, a CHANGE has been made in the calculation of the net remaining value. This change ensures that:

- ▶ Any purchase credit notes will be taken into consideration only by quantity while the remaining value will be calculated proportionally based on the remaining quantity.
- ▶ Any negative imports that update the 'Other Imports' in the trial balance will be taken into consideration by quantity AND by cost, thus forming the remaining value.

This improvement allows us to shape the desired cost in other cases (except from the purchases) i.e in inter-transfers with definitive cost.

Additionally, the allocation of value entries, in these cost methods, is allocated in 'positive' inflows only.

### Items purchase prices

In *Tools/Recalculation* the option **purchase prices calculation per supplier** has been added. This process uses the item entries (the older item entries by supplier) and updates the PURCHASE PRICES and LAST PURCHASE DATE fields in the Alternative Suppliers lines of the selected Items (in the currency defined for these lines).

| Alternative suppliers |          |                   |                |                            |          |                    |                                |                    |
|-----------------------|----------|-------------------|----------------|----------------------------|----------|--------------------|--------------------------------|--------------------|
|                       | Supplier | Name              | Purchase price | Purchase price in currency | Currency | Net purchase price | Purchase net value in currency | Last purchase date |
| 1                     | 8989     | MOB INTERNATIONAL | 100.00         | 100.00                     | LEU      | 88.00              | 88.00                          | 12/08/2016         |

If a MU has been completed in the items suppliers' lines, that is not the same with the basic measurement unit, then the last purchase prices are affected accordingly based on the relation with the basic unit.

In the filters of the dialogue box the user may complete Items and Suppliers he wishes to recalculate.

**Attention!** These fields are available for users and are also updated from the documents based on the Control Policies customization. This process will lead to their recalculation as described above.

## Checks preventing user mistakes

- ▶ In the **Basic MU**, **weight MU**, **volume MU** and **Alternative MU** the measurement units connected with a sortiment do not longer appear as an option, in order to prevent user mistakes.

## Checks on Products

- ▶ If, during the creation of a new item, a new cost element type that requires a suitable BOM in order for the Production Cost Accounting to work properly is defined, the system allows the entry and shows warnings regarding the BOM creation/s that need to follow. This check during modification is not allowed.
- ▶ The **Check registered consumptions** option has improved, ensuring that in the case of finding problematic items the process will continue and will show all these items at the end.

## Assembly Orders

The 'Order' type may be used not only as a Production Order but also as an Assembly Order. From `\EsMasterConfig` you may insert the new transition **Nota de asamblare din Ordin de asamblare**.

In Inventory/Stock entries the following options are now available

|                                        |                                                 |
|----------------------------------------|-------------------------------------------------|
| Stock entries                          | Inter-warehouse transfers                       |
| Physical inventory                     | Stock corrective documents                      |
| Distribution processes                 | New inter-warehouse transfer...                 |
| Transportation processes for 3rd party | New corrective entry...                         |
| Stock replenishment                    | ...new by transition                            |
| Consignment processes                  | Update based on actual internal transfers       |
| Review balances                        | Transit folders                                 |
| Stock valuation                        | <b>New assembly order...</b>                    |
| Trial balances                         | Production orders - list                        |
| Registers/Journals                     | New assembly note...                            |
| Statuses by dimension                  | Assembly based on order...                      |
| Financial indicators                   | Assemblies list                                 |
| Inactive stock cost                    | Control assembly materials                      |
| Average stock waiting time             | Valuation documents                             |
| Fiscal Year comparison                 | Opening documents                               |
| Information                            | Problematic inventory due to dimension mismatch |
|                                        | Collect from file (stock picking)               |

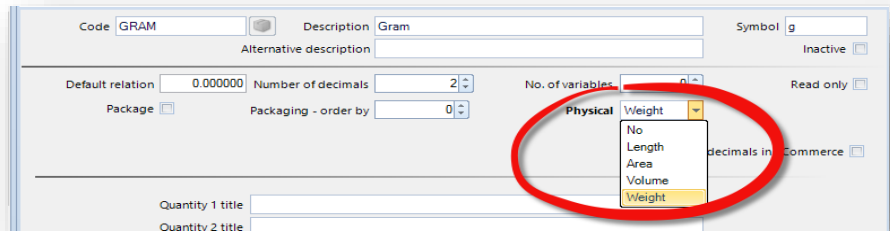
## Operational addition in third party warehouses transports

The **search of a Trade account** in the Transit documents from-towards a third party warehouse has been improved. Specifically, in the search dialogue box the columns that appear are the same with those of the trade account search box in Commercial Transactions (expenses, purchases etc) -> Type, Code, TRN, Name, Address etc.

## Other improvements

### ► On item's measurements

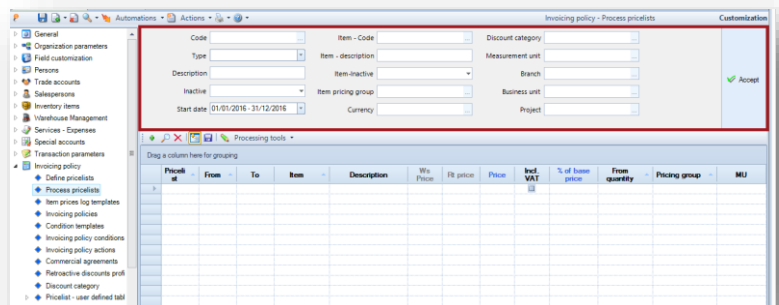
**units**, the measurement unit selection list has been changed on the **weight UoM field** and **volume UoM field** and from now on the selection is only between units declared as **Physical** weight or volume units. The characterization of measurement Units as natural is feasible from the units of measurement management screen by selecting the appropriate value in the "Physical" field.




*During the upgrade, the measurement units already used as a weight or volume units will be updated automatically to the appropriate characterization*

► At the elements of **item's suppliers** the size of the fields **Description** and **Comment** increased to **1000** characters.

► In the **processing price list** screen the opportunity to customize the area of searching filters in the price list lines is given. Specifically, the parameters are now determined by the view **Pricelist Line search** in the area **price list processor**. In that area, one can adjust the displayed criteria and the default values.



*Due to the new option, the parameter "Visible items criteria in price list processing" is neither functional nor visible now.*

► It is now possible to define the desirable **maximum number of decimal digits to be displayed in columns quantities in all the reports of the application** (views, cubes, etc.), which until the previous version were identified with the maximum number of decimal resulting from all the Units measurement declared. For this purpose a new company parameter has been added named **Maximum Number of decimal amounts** in the parameters category "Reports". If the parameter is LESS than the maximum number that results from the Measurement Units, then the selected value will apply; otherwise the maximum number resulting from the Units of Measurement will apply.

The functionality of inventory dimensions deployment to table through **F12** button (*analysis matrix*) and **Alt-F12** (*analysis table that manages the full development of dimensions to distinctive item lines*) is now available **EVEN IF the dimensions monitoring the item are more than two** (e.g. Color, Size, Dimension 1, Dimension 2). This is useful when the non-visible dimension has a certain value, identical for all the item lines, based on the implementation approach (e.g. business rule field property profile, etc.). Displayed (horizontal and vertical axis) are the first two dimensions stated in the parameter "**Items/Bar-codes: Dimensions by appearance Priority on matrix (F12)**", otherwise followed the above priority. The functionality is activated in document types with the new property **FORCE\_2D\_MATRIX**.

- In the selection screen of serial numbers shown in the documents, the **Start Date** and the **Expiration Date Guarantee** fields have been added.

## Financials

### Statement 394

Concerning the modification of Statement 394, we would like to remind you that the documentation named **EBS-DataTranslationEN.pdf** has been added in the application folder ESBooks. Aim of this manual is to describe, in a simple & comprehensive way, the information needed concerning the configuration of the application.

In order to allow the accounting executives to take all necessary actions for the preparation and submission of the declaration in accordance with the new requirements of the tax legislation. The information that is included in the Statement 394 is based on the guidelines by the National Agency for Fiscal Administration (ANAF).

### Payment methods

The functionality of options Day of month and Day of next month has been extended in order for them to be used regardless of the documents issue date (in the 1<sup>st</sup> case for a specific day of the current month and in the 2<sup>nd</sup> case for a specific day of the next month). Until now the 'next month day' was in many use cases placed in the same month of the transaction.

### Defective mappings towards investigation

In menu *Accounting / Accounts Receivable / Information and Accounting / Payable / Information* new views are added for defective **mappings towards investigation** that display Trade Accounts with unmatched records Open Items (Invoices) and Close Items (credit notes, payments).

The absence of mapping is probably desirable (e.g. because the matching rules are not met or because only selective matching applied) but very likely to be a problem, for example for the following reasons:

- Wrong mapping rule
- Wrong handling in selective matching
- Matching disabled (corrective later) but no recalculation ran
- Wrong data entry order

For every trade account, in the 1<sup>st</sup> level the total of outstanding invoices and open payments (close items) appears and the date – document number of last debt and last payment. In the 2<sup>nd</sup> level the entries appear.

 *We recommend that this check is made regularly because the information based on mapping is very important and if there are errors, it will not be reliable.*

Defective mappings towards investigation

### Monitoring and Evaluation of Cash Forecasting

In the menu *Business Intelligence/Review liquidity* 5 new views for the justification of forecast printing for various record sets are now available:

- Justification of forecast inflows

- ▶ Justification of forecast outflows
- ▶ Justification of cash inflows based on calculated flows
- ▶ Justification of cash outflows based on calculated flows
- ▶ Justification of cash inflows/outflows based on projected flows

## Entries Analysis in the Cashflow

In the 'based on Cashflow forecast' and 'based on all forecast' Cashflow printouts the following **very important extensions on the 2<sup>nd</sup> level** have been added (movements):

1. Especially regarding the inflow and outflow forecasts **all of those that have a pending payment appear, regardless of the date**. If the selected form is per month or per day then in the 'brought forward' line one can drill down (open the 2<sup>nd</sup> level) in order for **older entries** to appear. The closing of outstanding amounts can only be done by matching. Hence, an accurate Cashflow forecast can be achieved only if matchings have been completed.
2. The amounts that appear in the forecast lines are the **outstanding amounts** (in basic currency) and not the initial entry amounts, in order for them to be in line with the same name 1<sup>st</sup> level column.
3. **Totals** have been added in the 2<sup>nd</sup> level.
4. The columns **Title** (of the document), **Trade account** and **Note** have been added. The forecasts regarding non matured notes appear first. Thus one can check if these agree with the Reasoning scrollers in the same menu (Reasoning of inflow & outflow forecasts) that have the same grouping ('demands/liabilities Forecasts' and 'Note payments Forecasts').



*Due to this new functionality it is recommended to use these BITs as suggested from the system (**FROM TODAY up until the future date we wish to calculate the expected cash**). When the transaction analysis showed entries of the specific period of time most users requested reports of a former start date and as a result all collections and payments appeared in the 2<sup>nd</sup> level (entries irrelevant with the calculation of future cash).*

## New reconciliation process for manual exchange rate differences

When the exchange differences documents are carried out through MANUAL REGISTRATION (by using the appropriate for this cause document types) and are not conducted via the ready process 'EXCHANGE RATE DIFFERENCES CLOSING' then, although the registers and the receivables / payables trial balances agree with Accounting, an **inconsistency** with the **'Aging of accounts (for Accounting reconciliation)'** occurs where the balances are presented in the basic currency.

The reason for this discrepancy is that the exchange rates differences typed have not been properly 'connected' with the original entries in order for the exchange rates differences amounts to be shown in the relevant columns and for the trade accounts balances to be shown in the correct amount in the BASE CURRENCY in each column.

The same result will appear if a user, for some reason, **EDITS/MODIFIES** the amounts of the entries produced by the process.

Another non-desirable result, when someone inserts exchange differences entries manually, is that it is not possible to begin use the ready process "EXCHANGE RATE DIFFERENCES CLOSING" properly. The process indicates as non-calculated exchange differences the differences that have been posted manually, as results these differences will be continuously 'calculated'. Thus, the Accounting department will not be able to use the automatic process if even ONE manual intervention has been made.

Due to the above problems in exchange rate differences handling, a new process for updating the original entries that feed the Aging printouts has been added in this version.

From the moment this process runs, the automatic process of closing exchange rate differences can be used freely.

## Assumptions

1. The system considers correct the exchange rate differences amounts that are already posted (in the document s of the exchange rate differences), even if this has been done with user intervention, and not the amounts that may have been calculated in the open balances entries of the subsystem (open-close items).
2. This process runs for a 'reconciliation date'. This reconciliation is suggested to be done ONLY for ONE date, the last date in which exchange rate differences were posted. After that, the system will ensure no discrepancies are found.
3. The currency exchange rates for the 'reconciliation date' must be entered correctly in the system. These, based on the bank announcement, have been entered the next day. Thus, if the closing of the exchange rate differences is done on the 31<sup>st</sup> of

December, the exchange rate valuation of open balances has been entered in the system on the 1<sup>st</sup> of January.

4. The matching of trade accounts with invoices in a foreign currency has already been executed. This means that for the same trade account, for the 'reconciliation date', non-matching entries do not exist.

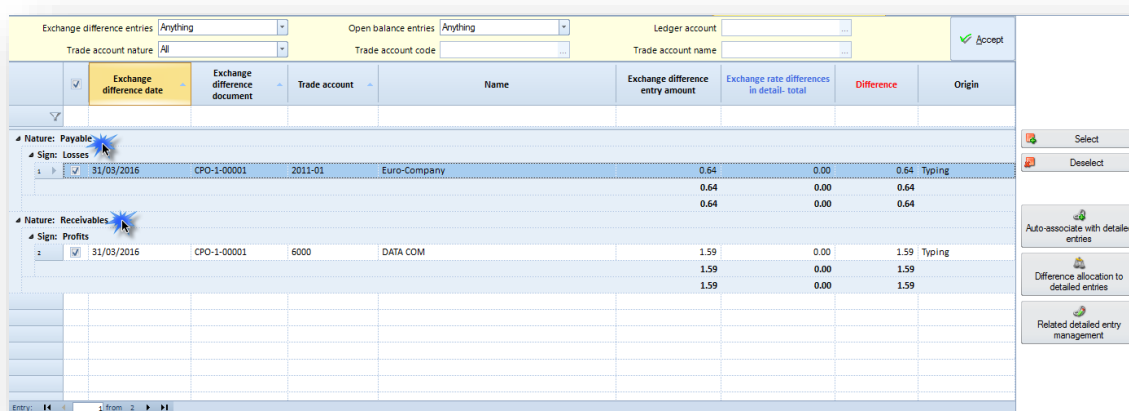
## The process

This process can be called via the Menu *Financials/End of Period processes/Exchange rate differences*.

## Inconsistency checks

The view 'Finalized exchange differences' shows the exchange rate differences entries for the selected period and for the selected trade accounts, divided in **Profits** and **Losses**. It is best to execute the process separately for customers and suppliers.

The view presents the **difference** expected between **a.** the trade accounts and Accounting subsystems (Trial Balances & Registers) found in column **Exchange difference entry amount** and **b.** the open balances subsystem due to the lack of update for the 'open' & 'close' items shown in the **Exchange rate differences in detail-Total** column.



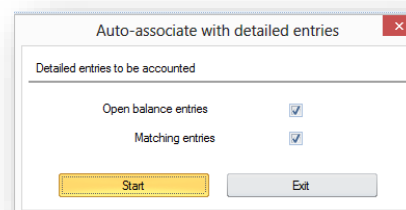
| Exchange difference entries                                                                                          | Open balance entries | Ledger account | Trade account nature | Trade account code | Trade account name | Exchange difference date | Exchange difference document | Trade account | Name | Exchange difference entry amount | Exchange rate differences in detail-total | Difference | Origin |
|----------------------------------------------------------------------------------------------------------------------|----------------------|----------------|----------------------|--------------------|--------------------|--------------------------|------------------------------|---------------|------|----------------------------------|-------------------------------------------|------------|--------|
| <b>Nature: Payable</b><br><b>Sign: Losses</b><br>1 31/03/2016 CPO-1-00001 2011-01 Euro-Company 0.64 0.00 0.64 Typing |                      |                |                      |                    |                    |                          |                              |               |      |                                  |                                           |            |        |
| <b>Nature: Receivables</b><br><b>Sign: Profits</b><br>2 31/03/2016 CPO-1-00001 6000 DATA COM 1.59 0.00 1.59 Typing   |                      |                |                      |                    |                    |                          |                              |               |      |                                  |                                           |            |        |

## Automated process for clearing differences

The automated reconciliation can be done for **ONE line (exchange rate differences entry) per trade account** and only for trade accounts that have been fully matched. If one of the above conditions is not met, the reconciliation can run from the 'Related detailed entry management' option described below.

After marking all the lines (the ones that have a 'difference') the option **Auto-associate with detailed entries** must be selected. The system will connect the exchange rate difference entry with the detailed entries that feed this difference (one of the two categories may be selected):

- ★ The matching entries for which a non-recognized exchange rate difference exists (during the matching process, the exchange rate difference is calculated online based on the open and closed items exchange rate differences)
- ★ The entries in a foreign currency that had an open balance during the 'reconciliation date'.



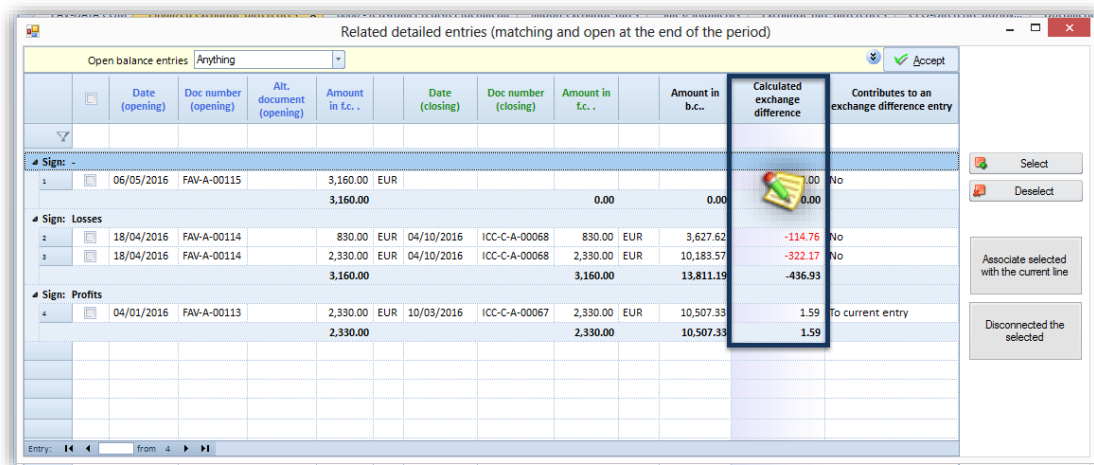
Subsequently, the difference (if there is a difference following the connection) will be allocated to all the associated entries. As a result we will have a **ZERO DIFFERENCE** for the lines the process was executed for.

## Detailed entries and exchange rate differences allocation management

If the exchange rate differences have been entered with multiple lines per trade account (i.e. per currency, per invoice, per branch etc) and the automatic connection and allocation is not desired, then one may select the '**detailed entries management**' in order to:

- ★ Select manually the entries from where the exchange rate difference occurs

- ★ Complete the exchange rate difference directly in the entries
- ★ Check the data (that were either created from the automatic process either updated by the user previously)



|               | Date (opening) | Doc number (opening) | Alt. document (opening) | Amount in f.c. . | Date (closing) | Doc number (closing) | Amount in f.c. . | Amount in b.c.. | Calculated exchange difference | Contributes to an exchange difference entry |
|---------------|----------------|----------------------|-------------------------|------------------|----------------|----------------------|------------------|-----------------|--------------------------------|---------------------------------------------|
| Sign: -       | 06/05/2016     | FAV-A-00115          |                         | 3,160.00 EUR     |                |                      |                  |                 | 0.00                           | No                                          |
|               |                |                      |                         | 3,160.00         |                |                      | 0.00             | 0.00            | 0.00                           |                                             |
| Sign: Losses  | 18/04/2016     | FAV-A-00114          |                         | 830.00 EUR       | 04/10/2016     | ICC-C-A-00068        | 830.00 EUR       | 3,627.62        | -114.76                        | No                                          |
|               | 18/04/2016     | FAV-A-00114          |                         | 2,330.00 EUR     | 04/10/2016     | ICC-C-A-00068        | 2,330.00 EUR     | 10,183.57       | -322.17                        | No                                          |
|               |                |                      |                         | 3,160.00         |                |                      | 3,160.00         | 13,811.19       | -436.93                        |                                             |
| Sign: Profits | 04/01/2016     | FAV-A-00113          |                         | 2,330.00 EUR     | 10/03/2016     | ICC-C-A-00067        | 2,330.00 EUR     | 10,507.33       | 1.59                           | To current entry                            |
|               |                |                      |                         | 2,330.00         |                |                      | 2,330.00         | 10,507.33       | 1.59                           |                                             |

In this screen all matching entries (that have data both in the 'opening' and 'closing' columns) appear along with the open balance entries that have an outstanding amount on the 'reconciliation date' (that have data both in the 'opening' and 'closing' columns). Following the selection, the option 'Associate selected with the current line' will lead to the automatic connection of the selected entries with the exchange rate difference line.

When this process is completed, a reconciliation of the accounting entries and of the open balances entries (for the period up to the reconciliation date) should be accomplished.



### Attention!

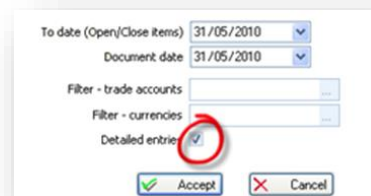
The exchange rate differences resulting from OPEN BALANCES, usually valued at the end of the Fiscal year,

- ▶ If they have been valued with 'detailed entries', then the aging-record-trial balance reconciliation is certain.
- ▶ If they have been valued collectively, then..

..the reconciliation of accounting reports and of the aging of accounts can be checked only the 1<sup>st</sup> time these will be included in the calculation and additionally this process may be used only for the 1<sup>st</sup> time via the view 'Finalized exchange differences'.

If you want to use this process later on (**and if open balances still exist**) you should:

- ★ Either transfer these open balances to another trade account (**doubtful customers**) by using a reconciliation entry
- ★ Either close these entries and at the same time open new entries for the open balances on the same trade account. This option is preferable as it can be done by the end of the Fiscal year. However it will have the same result with the above mentioned: It will alter the Days Sales Outstanding of the trade account.



## Inventory and Fixed Assets

### Serial Numbers in Third Parties

- ▶ During the **Fiscal Year Closing**, when Quantitative Inventory of Items or Fixed Assets is done (segregation between Quantitative and values opening balances), then, especially for Third Parties Warehouses, the opening balances are not only calculated by **Trade Account** but also by **Address and Branch of Trade Account**.

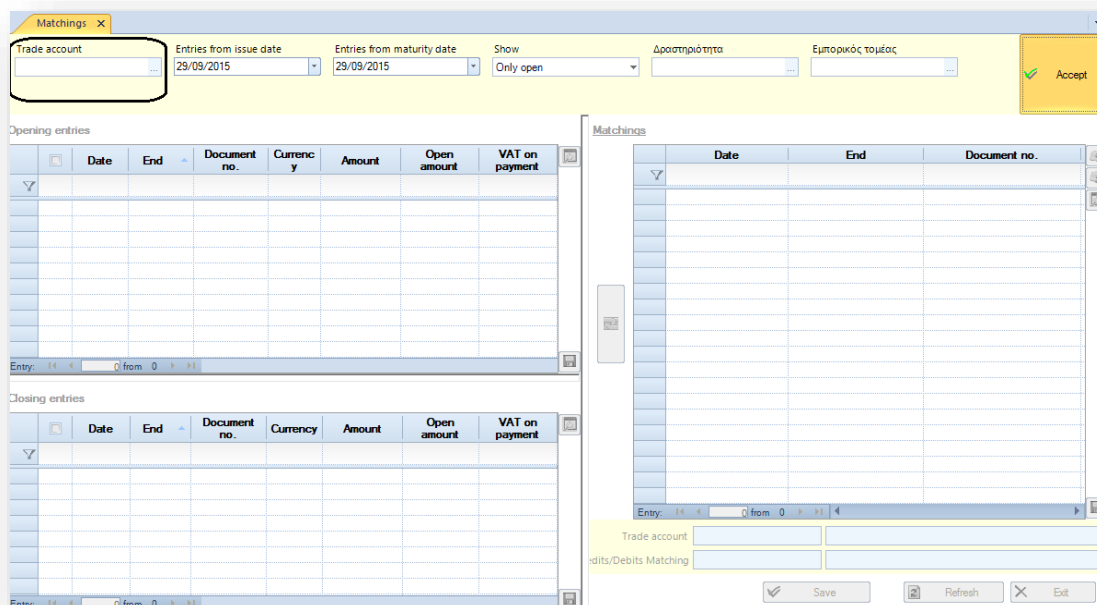
- In *Tools/Recalculation* the **Recalculation of Serial Numbers Position** is added primarily for use by those with serial numbers to third parties, where the location of serial numbers up to version 4.0.40.1 is updated only by W.H., and now the position is supported per Trade Account and address (to the 'logical' Third parties WH).

The process updates the serial numbers movements to the correct position (trade account / address if necessary), and then updates the fields Position Type, Location, /Address Position, Third party and Third party' s address from the last calendar movement the serial number..

## Trade Accounts

### Bulk Matching

At menu *Accounting / Accounts Receivable* and *Accounts / Accounts payable* the option '**Mappings...**' has been added which leads to a dialogue, equivalent to the one available on a trade account or a document form, except that it also gives the opportunity **for sequential processing by Trade Account** through the new criterion at the top of the dialog.



Only ONE Trade Account should be completed each time. After completing a value in the field (e.g., A \* and F3) the search is based on the Code, the VAT number and the name of the Trade account. Following 'Accept' the matching records appear, with the same functionality of the Trade account and document form.

## Various Enhancements

### Productions

The option to show the stages of Production menu is provided, in order for one to be able to enrich the relevant information. The views will appear in the pop up '**Information**' if placed in the following folders (\CSFilters) and marked as 'informative':

- **ESMMProduction** 1<sup>st</sup> level (Production in general)
- **ESMMProductionBOM** Products and Recipes
- **ESMMProductionMPS** Production Scheduling
- **ESMMProductionEntries** Productions & Consumptions

## Document Types Customization

- ▶ In the User privilege profile in documents, the ability to choose one particular field from the data group **Informative fields** is given not only in Restrictions exceeded but also in Additional restrictions. Here (Additional restrictions) the column 'Field Name' was added and when this field is selected (by defined fields, informative fields, business dimensions or warehouse dimensions) it will be immediately visible.

- ▶ After the upgrade, the following document types will have the field "Check payment of total amount" disabled:

BPT      Taxe – retineri previzionate  
BPW      Taxe – retineri retur previzionat

- ▶ The document update profile **12004** utilized in value Invoices (Inventories) and Services provision has been expanded in order to take into account reverse inventory lines.

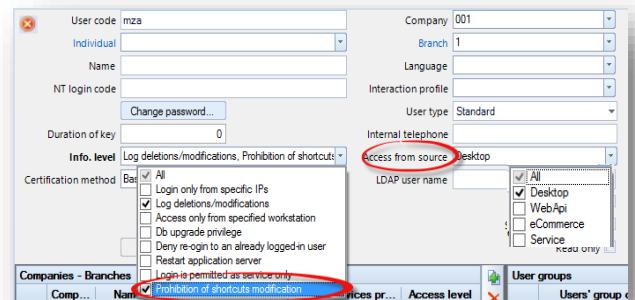
## Expenses – Services Management

- ▶ The new view (scroller) **Corrective entries** has been added in the menu *Financials/Services*, where the document types (e.g. OEX, OED, OEC etc.) appear and are available for data entry for various adjustment entries.
- ▶ The new view (scroller) **General Items Inventory entries** has been added in menu *Financials / Accounting Processes*. This is useful for management of rare types of expenses and services (e.g. if someone manages taxes or charges, etc.).

- ▶ The **ability to exclude the possibility of changes in the shortcut bar** from users (reset, delete, etc.) has been added, with a new option to the user's information Level.

- ▶ Right click to determine the **allowable access resources** for each user. The configuration of the operation is done through the new field access source, added to the user information screen. The available options are:

- **Desktop**. Access using a PC. It is the default access setting for back office users
- **WebApi**. For users who use the application through the Web Api
- **E-commerce**. For e-commerce users
- **Service**. For users who use scheduled procedures.



 *Users who are system administrators have access to all sources, regardless of the value of this field.*

- ▶ In the Data Lists the dynamic **ES.CUSTOMER-BAL** list, based on the view Current Balance Client (*ESFICustomer |CustomerCommercialInfo*), is now available. It can be used by various automations implemented, for example 'only for customers with balance'.
- ▶ The ability to display the management screen of **a specific company branch** is supported. The implementation of the action can be done with the use of the call below:

```
BInvoke|ESGOCompany_SITE_DEF|LOAD|bf34817b-c7f3-4d1d-84ce-3f5621744091|Force :{ ESGOSites=86947579-6885-4E86-914E-46378DB3794F}
```

Where the first GID is that of the company and the second one is of the GID of the branch.

You can take advantage of these features through the automation in print or via the shortcut list.

- ▶ At **Windows forms designer** a tool in bindable labels associated with enum fields, supports the appearance of words instead of codes. The same option was activated in the link fields.

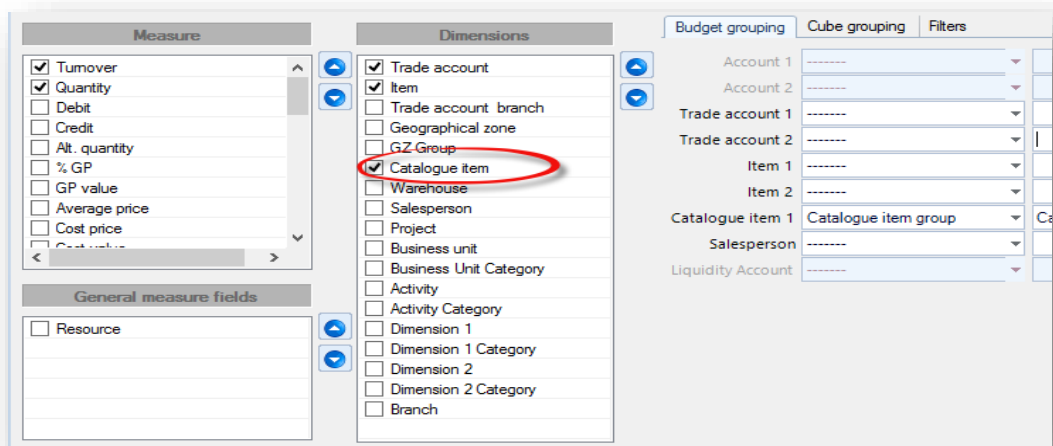
## Printouts

In views (scrollers) where a crystal report type printout is available, the option to print selected entries has been added. This can be done as described below:

- ▶ Select the entries you want by pressing left click on the mouse while holding the **CTRL** key.
- ▶ Select the desired crystal printout while holding the **CTRL** key.
- ▶ In the following question select printout for selected entries only.

## Budget

- ▶ In the budget entry the **Item catalogue** can be selected as a dimension in Sales or Purchases budget sheets (instead of the Item).



The grouping fields of the catalogue item are also available in the budget grouping and in the comparison cube grouping.

During the automatic comparison with the actual (budget vs actual dynamic cube), the results of all Items connected with the Item catalogue of the budget entry are gathered automatically.

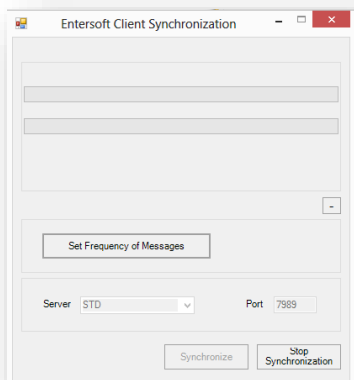
## Automations

- ▶ In automations, in the entity action **Send email via SMTP** the new parameter **Do not include images** has been added. If this is activated, then all the image links remain as they are even if they refer to locations on the computer's disk.

## Horizontal Features

### Client Synchronization

- ▶ The **Files Synchronization screen to the server application** (Client sync) has been replaced with a new screen which is compatible with the appearance of the other screens in the application:



## Windows Form Designer

- The possibility of using **tags** that control the value of a **company parameter** (to display or hide) is supported. The tag must be in the following form:

```
##( AssetCatalogueItemAutoCreation) = true
```

In the following tables a Timestamp column has been added in order to facilitate certain entries synchronization processes.

|                             |                                        |
|-----------------------------|----------------------------------------|
| Mean of conveyance          | ESGOZConveyance                        |
| Trade Account family        | ESFIZTradeAccountFamily                |
| Region Group                | ESGOZRegionGroup                       |
| Resource                    | ESTMResource                           |
| Documents Header Table 1    | ESFIZDocumentHeadersTable1             |
| Documents Header Table 2    | ESFIZDocumentHeadersTable2             |
| Documents Header Table 3    | ESFIZDocumentHeadersTable3             |
| Documents Header Table 4    | ESFIZDocumentHeadersTable4             |
| Documents Header Table 5    | ESFIZDocumentHeadersTable5             |
| Stock Dimension 1           | ESMMZStockDim1                         |
| Stock Dimension 2           | ESMMZStockDim2                         |
| Entrepreneurial sector      | ESTMZOppBusiness                       |
| Mobile Document Type        | ESFIMobileDocumentType                 |
| Trade Type                  | ESFIZTradeType                         |
| Cash Account                | ESFICashAccount                        |
| Note status                 | ESFIZNoteState                         |
| Participant Threat          | ESTMZParticipantThreat                 |
| Notes type                  | ESFIZNoteType                          |
| Behavior per Payment Method | ESFICreditControlProfilePaymentMethods |
| Salesperson/associate       | ESFISalesPerson                        |
| Shift                       | ES00DeviceShift                        |
| Profession/Activity         | ESGOZActivity                          |
| Documents Categories        | ESGOZDocumentCategory                  |
| Documents Groups            | ESGOZDocumentGroup                     |
| Fiscal Year                 | ESGOFiscalYear                         |

|                              |                    |
|------------------------------|--------------------|
| Fiscal Period                | ESGOFiscalPeriod   |
| Expense Type                 | ESWPZExpenseType   |
| Device document series       | ES00DeviceSeries   |
| Job Position                 | ESGOZJobTitle      |
| Sales Opportunity Competitor | ESTMOppParticipant |

- ▶ The application behavior has been adjusted to the way the keyboard language changes, as supported by the latest operating systems, Windows 8 or higher, so when connecting to the application the keyboard language is not changed to the selected user language.

## Documentation

- ▶ New documentation named **EBS-DataTranslationEN.pdf** has been added in the application folder **ESBooks**, concerning the **translation of application data**.

## Other improvements

- ▶ In the screen of online users of the application (Tools/Connection to the application server/Online Users) the user login date has been added.
- ▶ In the login dialogue of the application that is called from the status line, the Serial number and product ID code information has been added.
- ▶ The system's **cache administration**, regarding changes in **properties set**, has been improved. The refresh following these changes concerns only the specific cache 'area' and not all of the contents. As a result the performance of different system parts has improved significantly (i.e in document entry).
- ▶ The **WCF duplex channel** mechanism can now support the operation of a parallel Entersoft application server (EAS) in the same installation folder but in a different port. In these cases the WCF duplex channel is automatically activated in port X+1 where X is the port of each EAS (bypassing the port defined in the WCF duplex channel).

