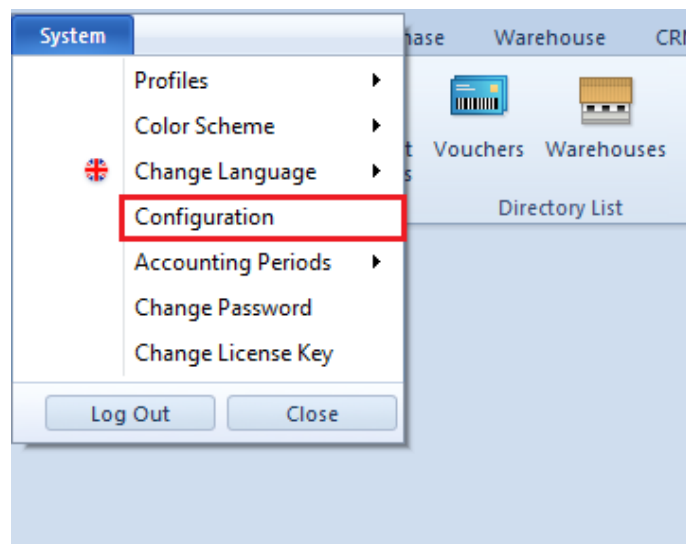


System configuration

Option *Configuration*, available in the tab *System*, allows for determining of global parameters of Comarch ERP Standard.

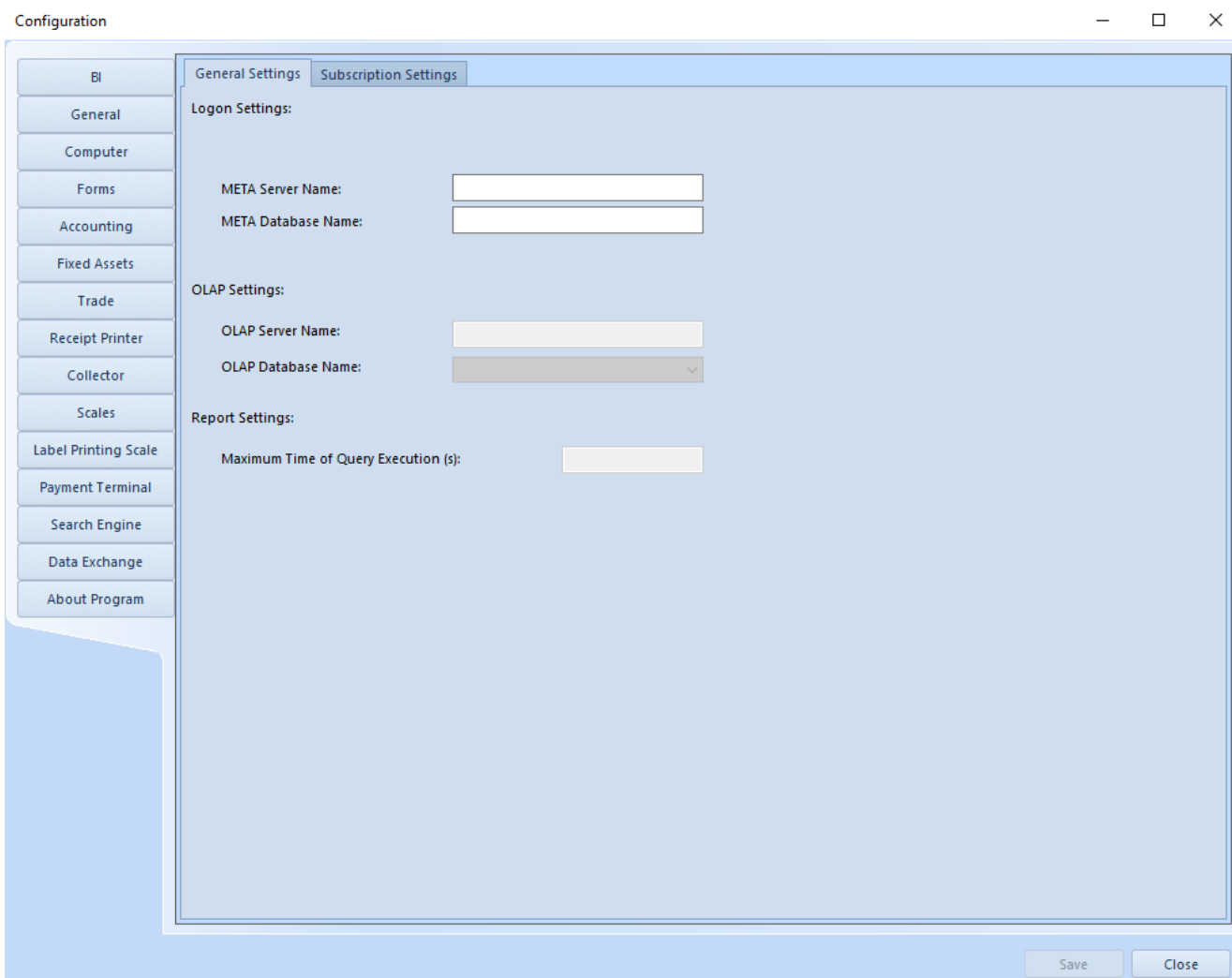
Note

Permissions to the system configuration available from the level of *System* → *Configuration* are assigned with the use of the parameter *Access to system configuration*, which is available in the tab *Other Permissions* of the form of operator groups accessible from the level of *Configuration* → *Company Structure* → *Operator Groups*.



Access to the system configuration

The system configuration window is divided into tabs dedicated to different areas of system parameterization.



Configuration window

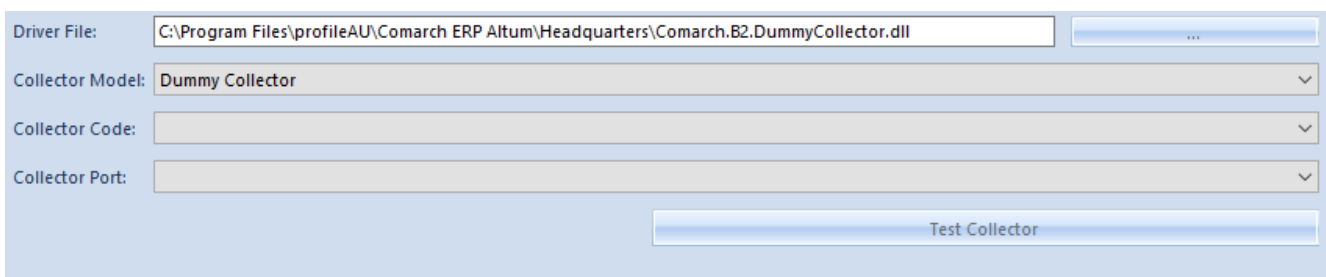
The configuration window is composed of the tabs:

- <<BI Module>>
- <<General>>
- <<Computer>>
- <<Computer>>
- <<Accounting>>
- <<Fixed Assets>>
- <<Trade>>
- <<Receipt Printer>>
- <<Collector>>
- <<Scales>>
- <<Label printing scale>>
- <<Payment terminal>>
- <<Search engine>>

- <<**Data exchange**>>
- **About Program** – information regarding Comarch ERP Standard system, e.g. program version, configuration and company database version, compilation number, date of production.

Collector

A data collector is a portable batch terminal equipped with a barcode reader. It is mainly dedicated to taking stock of a warehouse or a store. Parameters presented in the tab *Collector*, available in the menu *System* → *Configuration*, allow for configuring a data collector with which Comarch ERP Standard must cooperate. Owing to that, data can be retrieved from the collector to an <<inventory sheet (IS)>> with the help of the button [**Read from Collector**]. The system cooperates with Zebez PDL20 and CipherLab 8300 data collectors.



The image shows a configuration dialog box for a data collector. It has a light blue header and a white body. The fields are as follows:

- Driver File:** A text box containing the path `C:\Program Files\profileAU\Comarch ERP Altum\Headquarters\Comarch.B2.DummyCollector.dll` and a browse button with three dots.
- Collector Model:** A dropdown menu with "Dummy Collector" selected.
- Collector Code:** A dropdown menu.
- Collector Port:** A dropdown menu.

At the bottom right, there is a button labeled "Test Collector".

Tab Collector

Fields in this tab are the following:

- **Driver file** – indicates a path to a file with .dll extension, responsible for connection with a data collector. In the system setup folder, there are the

following files available by default:

- *B2.Collector.dll* for Zebex PDL20 data collector
- *B2.Collector.CipherLab.dll* for CipherLab 8300 data collector

Hint

It is possible to implement own assemblies supporting other data collectors.

- **Collector Model** – in this field, it is necessary to indicate the name of collector model, depending on the selected driver file

Note

For test purposes, it is possible to use file *Comarch.B2.DummyCollector.dll*, which imitates a correct connection to a data collector.

- **Collector Code** – enables the selection of a collector code from among the batch collectors defined in the system from the level of *Configuration* → *General* → *External Devices*
- **Collector Port** – enables the selection of a port to which a collector is connected

Button [**Test Collector**] allows for testing the connection with the collector.

Scales

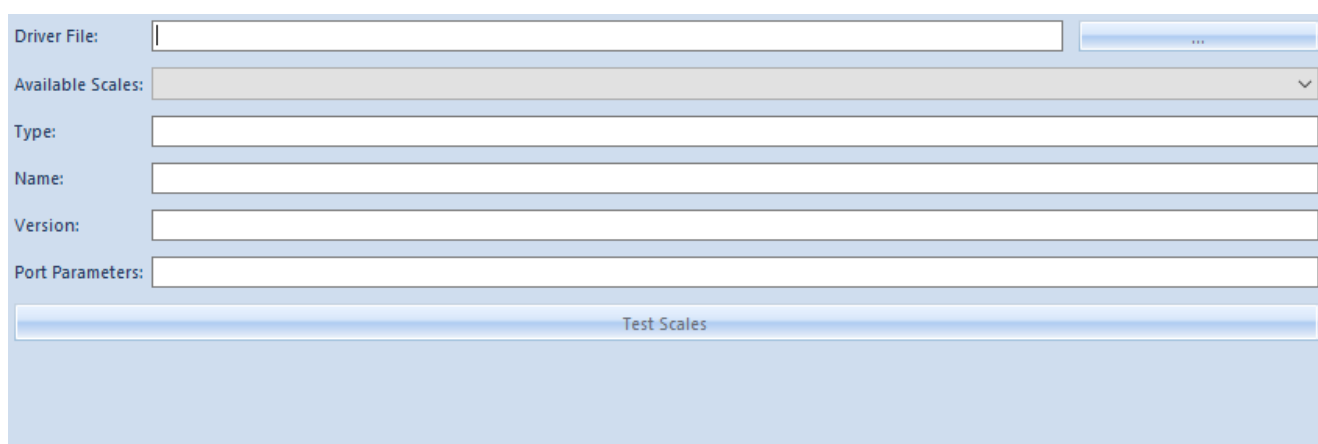
Scales or a scales–scanner is a device dedicated to weighing products of varying weight and hence the price. Parameters presented in the tab *Scales*, available in the menu *System* →

Configuration, allow for configuring the scales with which Comarch ERP Standard must cooperate. Owing to that, it is possible to weigh a product (marked as weighed item) when adding it into a document.

The system cooperates with Taurus TP150/1 and Elzab Neptun 2 scales.

Hint

It is possible to implement own assemblies supporting other scales.



The screenshot shows a configuration window with the following fields:

- Driver File: [Text box] [Browse button (...)]
- Available Scales: [Dropdown menu]
- Type: [Text box]
- Name: [Text box]
- Version: [Text box]
- Port Parameters: [Text box]
- Test Scales: [Blue button]

Tab Scales

Fields requiring completion to configure the scales are the following:

- **Driver file** – indicates a path to a file with .dll extension, responsible for connection with the scales
- **Available Scales** – in this field, a scale model is selected from the list of scale models available for driver file
- **Type, Name, Version** – these fields are completed automatically after selecting a driver file
- **Port Parameters** – in this field, it is necessary to specify the parameters of port to which scales is connected. After selecting a driver file, an information on how to specify the parameters will appear below. These parameters should be set in a similar way as they are set in Windows system from the level of *Device*

Manager → Communication Port → Properties.

Here it is possible to test connection with the scales by clicking on the button **[Test Scales]**

Note

Because scales/scales-scanners are most often installed in a cash register counter and are used mainly at points of sale, they must be configured exactly on those workstations.

Label printing scale

A label printing scales is a device allowing for weighing a product and printing a label with the product's barcode. A label printing scale which must cooperate with Comarch ERP Standard can be configured from the level of the tab *Label Printing Scale*, available in the menu *System → Configuration*.

Driver File:	<input type="text"/>	<input type="button" value="..."/>
Available Scales:	<input type="text" value=""/>	
Version:	<input type="text" value=""/>	
Description:	<input type="text" value=""/>	
Price Type:	<input type="text" value="Retail"/>	
Category:	<input type="text" value=""/>	
Rate	Value	
A	[No value]	
B	[No value]	
C	[No value]	
D	[No value]	
E		
F	[No value]	
G	[No value]	

Tab Label printing scale

Fields requiring completion to configure the label printing scale are the following:

- **Driver file** – indicates a path to the file *B2.LabellingScale.dll*, responsible for connection with the scale/

Hint

It is possible to implement own assemblies supporting other scales.

- **Available Scales** – in this field, a scale model is selected from the list of scale models available for driver file. The label printing scale with which Comarch ERP Standard cooperates is *Novitus Dibal L860DB*.
- **Version, Description, Category**– these fields are completed automatically after selecting a driver file
- **Price Type** – field for selecting a price type, from among the price types available in the system, that will be applied when using a label printing scale

Below the scale configuration parameters, there is a table for mapping of VAT rates. It is used for determining the system rates and their corresponding values of scale rates.

Note

Because label printing scales are used for weighing products in a store individually by consumers and printing labels with product barcodes, there is no need to configure such scale to cooperate with Comarch ERP Standard system. Such scale does not need to be physically connected to the system. It is, however, necessary to provide weighed UPC codes, defined in the system for items, into the scale device. A UPC code, printed on a scale, can be read with a barcode reader into the system. The item will be recognized by the system based on its defined code and its price will be recalculated on the basis of item weight.

Payment terminal

A payment terminal is a mobile device used to accept payment cards when registering transactions at points of sale-service. A payment terminal which must cooperate with Comarch ERP Standard can be configured from the level of the tab *Payment Terminal*, available in the menu *System → Configuration*. Owing to that, transactions can be registered in the system with the use of charge card as payment form.

The payment terminals with which the system cooperates are the following:

- *Hypercom T4220* – Elavon (RS232)
- *Verifone VX 520* – Eservice (RS232)
- Polcard (TCP/IP).



The screenshot shows a configuration window for a payment terminal. It contains the following fields:

- Driver File:** A text box containing "Comarch.B2.DummyTerminal.dll" and a browse button (three dots).
- Connection Type:** A dropdown menu currently set to "Serial Port".
- Serial Port:** A dropdown menu currently set to "COM1".
- IP Address:** An empty text box.

Tab Payment terminal

Fields requiring completion to configure the payment terminal are the following:

- **Driver file** – indicates a path to a file with .dll extension, responsible for payment terminal control. In the system setup folder, there are the following files available by default:
 - *B2.Terminal.Elavon.dll* for Hypercom T4220
 - *B2.Terminal.Eservice.dll* for Verifone VX 520

Hint

It is possible to implement own assemblies supporting other payment terminals.

- **Connection Type** – in this field, it is necessary to indicate a type of connection with payment terminal, that is *Serial port or TCP/IP*

In the case of the *TCP/IP* connection type, for the field:

- **IP address** – it is necessary to insert IP address of the payment terminal

Whereas for the *Serial port* connection type, for the field:

- **Serial Port** – it is necessary to insert COM port to which the payment terminal is connected.

Note

For test purposes, it is possible to use file *Comarch.B2.DummyTerminal.dll* which imitates a correct connection to a payment terminal.

Data exchange

Tab *Data Exchange*, available in the menu *System* → *Configuration*, allows for specifying parameters necessary for sending information from Comarch ERP Standard to other platforms. Its area is divided into the following sections:

- EDI
- E-Tax return
- SAF-T files
- Transfers
- POS

▪ SENT

The screenshot displays a configuration window titled "EDI" with several sections:

- EDI Section:**
 - Exported Files Directory: [Text Field] [Browse Button (...)]
 - File Organizing Method: [Dropdown Menu]
 - Imported Files Directory: [Text Field] [Browse Button (...)]
 - Transfer the loaded files to a subdirectory
- E-Tax Return Section:**
 - Web Service Address: [Text Field]
 - Exchange File Directory: [Text Field] [Browse Button (...)]
- SAF-T Files Section:**
 - SAF-T
 - Web Service Address: [Text Field]
 - Exchange File Directory: [Text Field] [Browse Button (...)]
- Transfers Section:**
 - Exchange File Directory: [Text Field] [Browse Button (...)]

Data exchange tab

EDI

The section contains a mechanism for importing and exporting data to EDI platform.

This is a close-up view of the top portion of the configuration window, showing the following fields:

- Exported Files Directory: [Text Field] [Browse Button (...)]
- File Organizing Method: [Dropdown Menu]
- Imported Files Directory: [Text Field] [Browse Button (...)]
- Transfer the loaded files to a subdirectory

Section EDI

The following fields are available in the section:

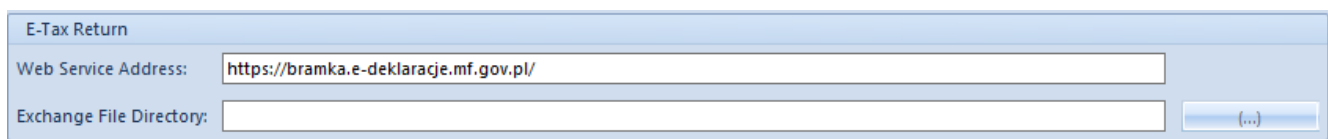
- **Exported Files Directory** – in this field, it is necessary to select a location in which files exported from the system will be saved
- **File Organizing Method** – in this field, it is necessary to select a structure of directories within which files will be saved. The following options are available:
 - *DocumentType* – organizes files by document types, by creating subfolders Orders and Invoices
 - *CustomerCode* – organizes files by customer/vendor codes, by creating subfolders dedicated to particular customers/vendors
 - *DoicumentType_CustomerCode* – creates subdirectories divided into document types and with the created name of directory assigned according to the key document type_customer code
 - *DoicumentType_CustomerCode* – creates subdirectories divided into customer code and with the created name of directory assigned according to the key customer code_document type
 - *DocumentType\CustomerCode* – creates subdirectories in a two-level structure, where parent directories group files by document types and then subdirectories divide grouped files by customer codes
 - *CustomerCode\DocumentType* – creates subdirectories in a two-level structure, where parent directories group files by customer codes and then subdirectories divide grouped files by document types
- **Imported Files Directory** – in this field, it is necessary to indicate location of the folder of files imported to the system
- **Transger the loaded files to a subdirectory** – if this

option is checked, a subfolder *Done* is created in a given path to which EDI files imported by the user are automatically transferred.

Note

The above-mentioned options are available only for operators owing a license to use EDI platform. Otherwise, the section is not visible.

E-Tax Return



The screenshot shows a window titled "E-Tax Return". It contains two input fields: "Web Service Address" with the value "https://bramka.e-deklaracje.mf.gov.pl/" and "Exchange File Directory" which is empty. A blue button with "..." is located to the right of the "Exchange File Directory" field.

Section E-Tax Return

The following fields are available in the section:

- **Web Service Address** – address to which e-tax returns are sent, the address set by default is `https://bramka.e-deklaracje.mf.gov.pl/`
- **Exchange File Directory** – field allowing for specifying a directory in which exported e-tax returns will be saved

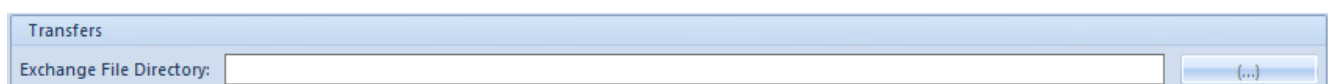
SAF-T Files



The screenshot shows a window titled "SAF-T Files". It features a checked checkbox labeled "SAF-T". Below it are two input fields: "Web Service Address" and "Exchange File Directory", both of which are empty. A blue button with "..." is positioned to the right of the "Exchange File Directory" field.

Section SAF-T Files

Transfers



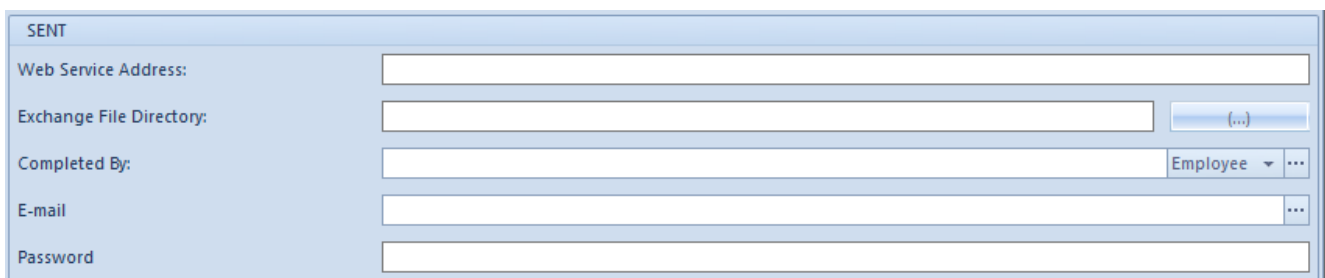
The screenshot shows a window titled "Transfers". It contains one input field labeled "Exchange File Directory" which is empty. A blue button with "..." is located to the right of this field.

Section Transfers

The section *Transfers* enables the user to select an exchange file directory for the documents *Statement of Remittance Orders* and *Statement of Payment Orders*. In the field *Exchange Data Directory*, the user can choose a directory in which relevant files will be saved. Thanks to that, it is not necessary to enter a specific path for file export on each SRO or SPO document form.

Sent

The SENT section allows the user to configure Web Service for the needs of registering .xml carriage notifications performed via Electronic Services Portal of the Customs Service (PUESC). Such notifications are compliant with technical specifications shared on the portal.



The image shows a screenshot of a software interface titled "SENT". It contains several input fields and buttons:

- Web Service Address:** A text input field.
- Exchange File Directory:** A text input field with a blue button labeled "(...)" to its right.
- Completed By:** A text input field with a dropdown menu showing "Employee" and a blue button labeled "(...)" to its right.
- E-mail:** A text input field with a blue button labeled "(...)" to its right.
- Password:** A text input field.

SENT section

Note

The above-mentioned options are available only after selecting the parameter *Monitor SENT transport* on the company form. Otherwise, the SENT section will not be visible.

Computer

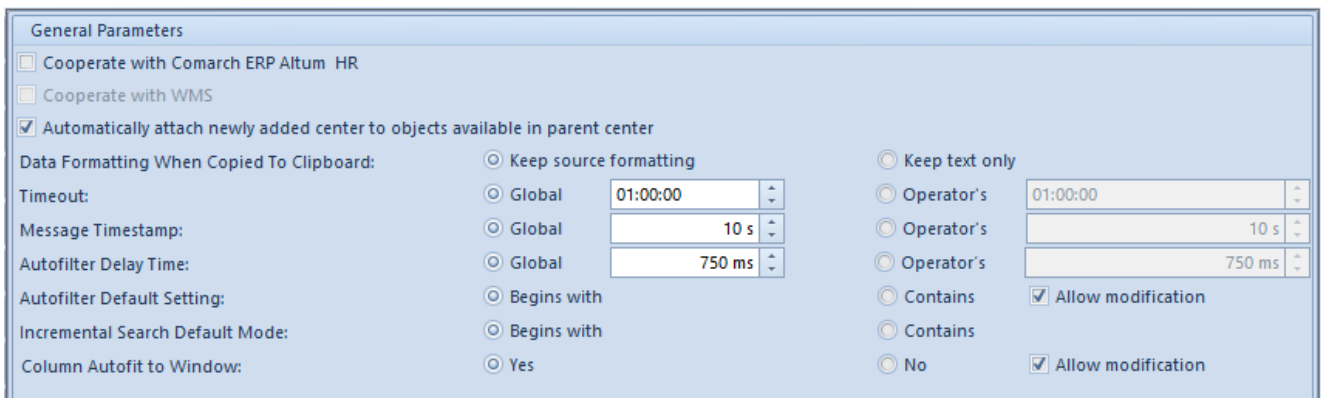
General information

Tab *Computer*, available in the menu [System → Configuration](#), allows for configuring parameters related to particular functionalities of the system and parameters enabling cooperation of the system with other applications.

The parameters are divided into the following sections:

- General Parameters
- Printouts
- Attachments
- Export to Spreadsheet
- Password Policy

General Parameters



The screenshot shows a configuration window titled "General Parameters". It contains several settings:

- Cooperate with Comarch ERP Altum HR
- Cooperate with WMS
- Automatically attach newly added center to objects available in parent center
- Data Formatting When Copied To Clipboard: Keep source formatting Keep text only
- Timeout: Global (01:00:00) Operator's (01:00:00)
- Message Timestamp: Global (10 s) Operator's (10 s)
- Autofilter Delay Time: Global (750 ms) Operator's (750 ms)
- Autofilter Default Setting: Begins with Contains Allow modification
- Incremental Search Default Mode: Begins with Contains
- Column Autofit to Window: Yes No Allow modification

Section General Parameters

Section *General Parameters* contains the following parameters:

- **Cooperate with Comarch ERP Altum HR** – allows the exchange of basic data of employees between Comarch ERP Standard and Comarch ERP Altum HR.

Note

The collaboration with the system Comarch ERP Altum HR is available only in Polish version of database.

- **Cooperate with WMS** – this parameter is not available for

editing and is checked automatically upon installing application Comarch WMS.

- **Automatically attach newly added center to objects available in the parent center** – parameter checked by default
- **Data Formatting When Copied To Clipboard** – Available options:
 - *Keep source formatting* – parameter checked by default
 - *Keep text only*
- **Timeout** – Available options:
 - *Global* – default timeout value after which an operation is aborted, valid for all users. By default, the parameter is checked with value 60 seconds. This value can be changed only by a user belonging to the group
 - *Operator's* – transaction time timeout for a logged-in user.
- **Message Timestamp** – possibility of determining how long information messages will be displayed in Comarch ERP Standard system. Available options:
 - *Global* – allows for specifying default message timestamp for all operators. By default, the parameter is checked with value 10 seconds. Default timeout value for displaying messages can be changed only by a user that belongs to *B2_admin*
 - *Operator's* – allows for specifying default message timestamp for a logged-in operator
- **Autofilter Delay Time** – allows to specify a period of time since the modification of a filter field after which the system will start to search for new results. Available options:
 - *Global* – allows for specifying autofilter delay time for all operators. By default, the parameter is checked with value 750 ms. This value can be changed only by a user belonging to the group
 - *Operator's* – allows for specifying autofilter

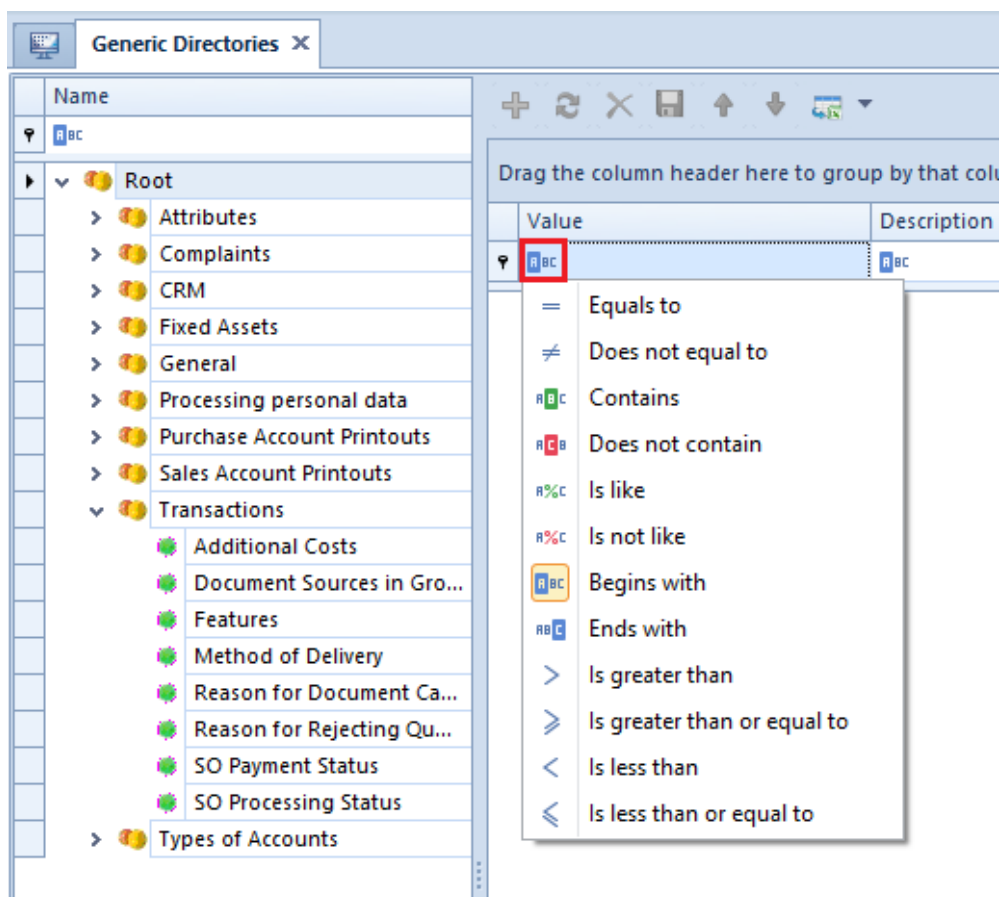
delay time for the logged-in user.

- **Autofilter Default Setting** – parameter responsible for the filtering condition for all columns and lists.

Available options:

- *Begins with* – this parameter is checked by default. Lists in the system present search results beginning with a given expression entered by the user.
- *Contains* – lists in the system present search results containing an entered expression

Additionally, if the option *Allow modification* is checked, it is possible to change the filtering condition for all columns and lists in the autofilter control. This option is available after selecting the autofilter control.



Example of a change of the autofilter on the list of generic directories

[Alert]If the *Allow modification* parameter is deselected, the icon of the filtering condition for columns and lists will not be displayed. [/alert]

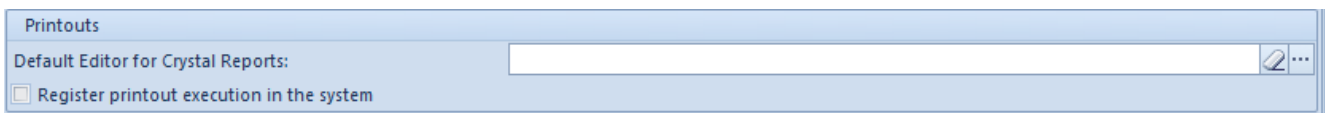
- **Incremental Search Default Mode** – parameter responsible for the condition of searching in columns of all lists. Available options:
 - *Begins with* – this parameter is checked by default. Lists in the system present search results beginning with a given expression entered by the user.
 - *Contains* – lists in the system present search results containing an entered expression

Number	Date of Issue	Date of S...	Customer...	Customer Name	Address	Subtotal V...	Total Value	Currency	Status	Wareho...	Reference...
SI/2021/00004	29/03/2021	29/03/2021	JS	Jane Stennett	Sunderland, ...	500,00	600,00	EUR	Confirm...	SOR/20...	
SI/2021/00005	29/03/2021	29/03/2021	JH	Jayne Himes	320 Red River ...	430,00	516,00	EUR	Confirm...	SOR/20...	
SI/2021/00002	29/03/2021	29/03/2021	JB	Joyce Bradt	193 Brown Ho...	600,00	720,00	EUR	Confirm...	SOR/20...	
SI/2021/00003	29/03/2021	29/03/2021	JB	Joyce Bradt	193 Brown Ho...	430,00	516,00	EUR	Confirm...	SOR/20...	

Example of incremental searching on the list of sales invoices

- <<Column Autofit>>

Printouts



Section Printouts

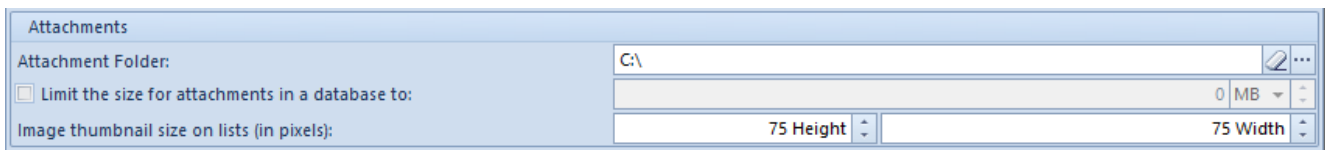
In the group *Printouts*, the following parameters are available:

- **Default Editor for Crystal Reports** – allows for selecting the program allowing for edition of Crystal Reports. The program is selected by clicking on the button located next to this field and indicating a file

with .exe extension. That the file will be running the editor of Crystal reports.

- **Register printout execution in the system** – upon checking this option, each time a printout is made, this operation will be logged in the system and will be available on the list of printouts.

Attachments



Section Attachments

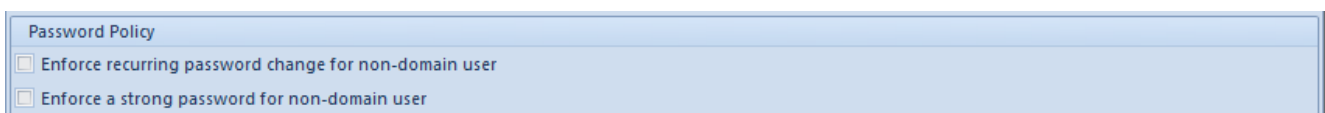
The system makes it possible to store attachments in the database or in an external folder. In section Attachments, there are the following parameters for attachment configuration:

- **Attachment Folder** – target location of attachments saved on a computer.
- **Limit the size for attachments in a database to:** – possibility of specifying a maximum size in MB, GB or TB
- **Image thumbnail size on lists (in pixels)** – enables defining the size of thumbnails for items on the list of items and document item lists

Export to Spreadsheet

Detailed description of fields presented in the section can be found in article <<Exporting data to a spreadsheet>>.

Password Policy



Section Password Policy

The section Password Policy enables managing passwords of non-domain users whose account is not integrated with Windows. Particular settings from this section are transferred to operator forms; in the case of administrative operator *db owner*, only the *Enforce a strong password for non-domain user* parameter is transferred.

Note

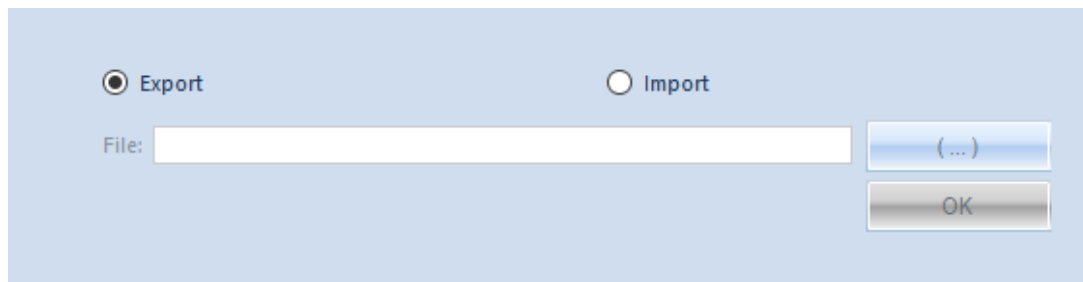
The parameters are deselected by default for databases which have been converted from previous versions of the system, while for newly created databases they are selected.

Note

Parameters *Enforce recurring password change for non-domain user* and *Enforce a strong password for non-domain user* are not taken into account for operators with the parameter *Password policy specified in system configuration* deselected – this parameter is available on the operator form. In this case, parameters must be changed directly on the form of a given operator; the user is informed about this upon an attempt to save changes made in configuration.

Forms

In tab *Forms*, available in the menu [System → Configuration](#), it is possible to import and export changes made by operators in the layouts of forms (with the use of <<Interface Editor>>). The changes (for operator groups) are exported to a file which later can be imported on another workstation so that the settings of form layouts for workstations are the same.



Tab Forms

Receipt printer

The Comarch ERP Standard system cooperates with the following fiscal printer models:

- Elzab Mera
- Elzab Omega
- Emar Printo 57T
- Epson TM-T801 FV
- Innova Market
- Novitus
- Posnet Thermal

Parameters presented in the tab *Scales*, available in the menu [System → Configuration](#), allow for configuring the receipt printer with which Comarch ERP Standard must cooperate. Owing to that, documents can be printed in the system on a receipt printer.

Driver File: ...

Printer Model: Printer Port:

Type: Print document number

Name: Print item discount

Version: Log the cashier in during startup

Mapping: Print invoices on receipt printer

Print customer's TIN:

Print cashier and workstation symbols

VAT Rate	Fiscal Symbol
A 23%	A
B 8%	B
D 0%	D
E ZW	E
F NP	F
C 5%	C
G 7%	G

Item Identifier:

Workstation Symbol:

New Mapping:

VAT Rate Group:

Tab Receipt printer

The following fields of the tab are mandatory:

- **Driver File** – Comarch.B2.Printer2.dll containing drivers for receipt printers

Hint

For test purposes, it is possible to use file Comarch.B2.DummyPrinter.dll which imitates a correct connection to a receipt printer.

- **Printer Model** – in this field, a printer model is selected from the list of printer models available for driver file
- **Printer Port** – name of the port a printer is connected to

- **Type, Name, Version** – in this field, general information about the specification of a driver supporting the available printer models is included
- **Mapping** – this field contains a list of VAT rate mappings available in the system. The values of printer's VAT rates corresponding to given system VAT rates must be set for the selected mapping in the table below. It is possible to create many VAT rate mappings for printers. To do so, in the fields *New Mapping* and *VAT Rate Group* below the table, it is necessary to specify a mapping name and to select a group for which VAT rates will be mapped (the VAT rate group that is set for the parent company is suggested by default). Upon clicking on the button [**Create**], a new value will be added to the mapping list and an empty field for specifying symbols will be added in the table.

Moreover, the user has a possibility to specify the parameters such as:

- **Print document number** – this parameter enables printing system number of a receipt/invoice on a receipt printer
- **Print item discount** – this parameter enables printing the amount of discount assigned to a given item of a receipt
- **Log the cashier in during startup** – this parameter enables printing information about workstation number and operator's number, when starting a printer
- **Print invoices on receipt printer** – this parameter enables printing invoices on a receipt printer, if the receipt printer supports printing of invoices. Additionally, in the menu *System → Configuration*, in tab *Trade*, function *Print invoices on a receipt printer* must be checked. If the receipt printer does not support printing of invoices, a receipt will be printed instead.
- **Print customer's TIN** – this parameter enables printing the TIN number of a customer selected in a receipt.

- *In customer's TIN line (new printers)* – provided that a given printer model supports such functionality
- *In cashier line (old printers)* – if a printer does not handle printing of TIN number.

The tin number is retrieved from customer's form – customer indicated in a document and in the case of *Undefined* customer, directly from the printed document, from *TIN* field presented in section *Customer* in *Customers* tab.

- **Print cashier and workstation symbols** – cashier symbol is retrieved from *Receipt Printer Symbol* field, which is available on the form of the logged-on operator. After selecting the option *In cashier line (old printers)* for the parameter *Print customer's TIN*, the parameter is checked and it is not possible to uncheck it.
- **Item Identifier** – depending on a selected parameter value: *Name* or *Code* and if the handling of print names is deactivated or if an item has no print name, the name or code of an item will be sent to a receipt printer upon printing documents on that receipt printer.
- **Workstation Symbol** – this parameter enables printing on a document a symbol entered in this field (specifying the workstation on which sales with printing on receipt printer is processed)

Button [**Test Connection**] allows for testing connection with a receipt printer.

