iScala 3.1 Overview

An overview of the main topics
when migrating from iScala 2.3 SR3
to iScala 3.1

iScala 3.1 Development Themes

Localization & Globalisation

Performance & Platform Improvements

Usability - User Experience & Mobility

Customer Requests

Migration from iScala 2.3 SR3 to iScala 3.1
Main topics

- iScala's new User Interface
  - New iScala home screen
  - Change of layouts
  - New commands
- Platform improvements
- New for iScala: Epicor ICE, Epicor's Business Platform
- New functionality (Finance, Logistics, MPC)
- Feature overview in more detail (Service Packs, Finance)

EPICOR

grow business not software

New iScala User Interface

iScala 3.1

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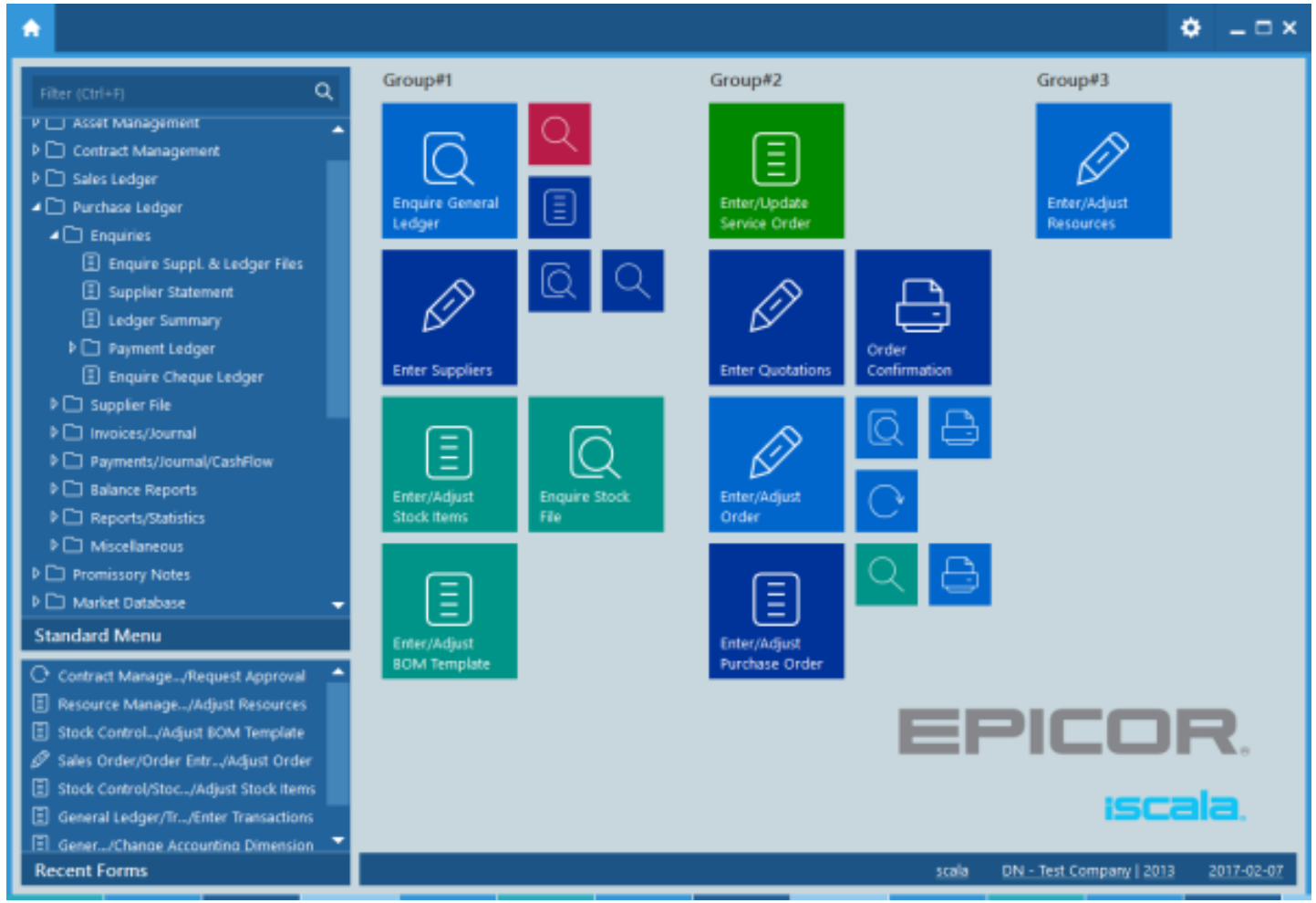
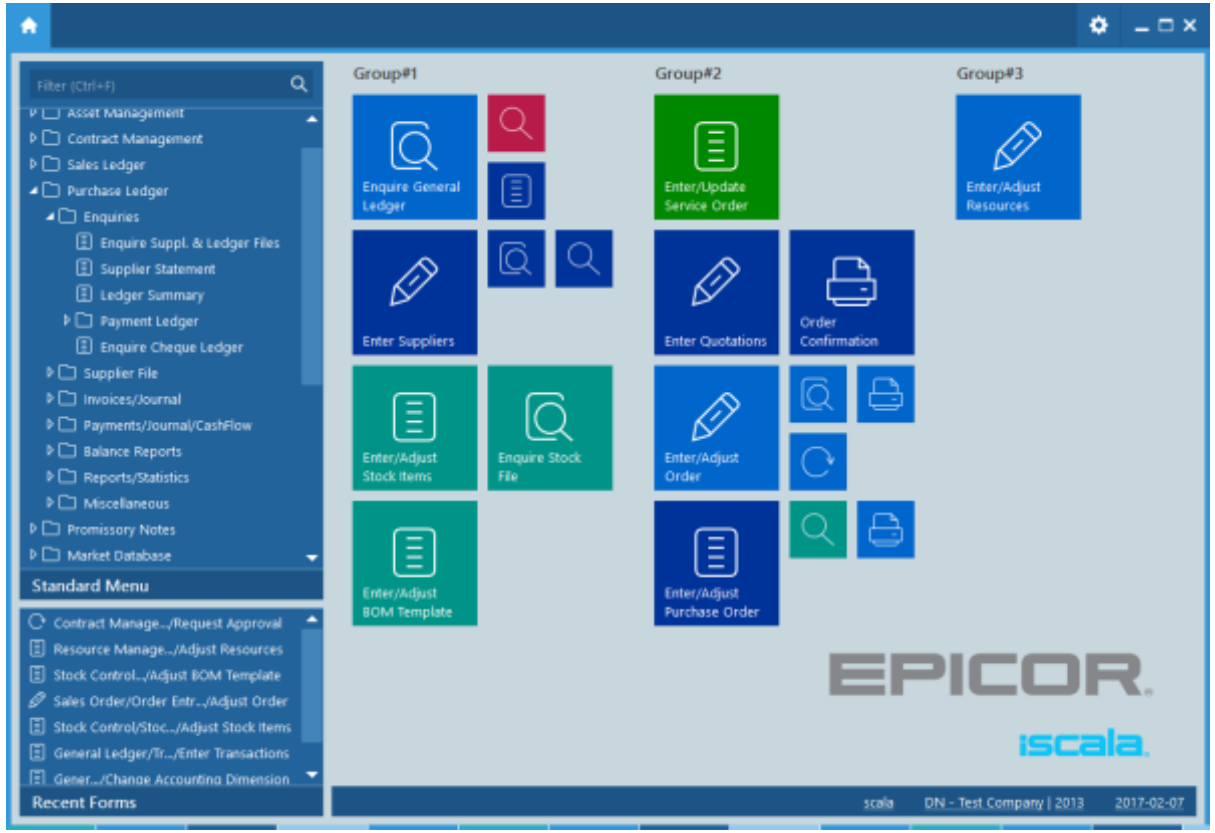
iScala: UX Evolution

- Contemporary UI
- Improved Ease of use
- Easier access to key functionality
- Easily customizable
- Multiple colour schemes

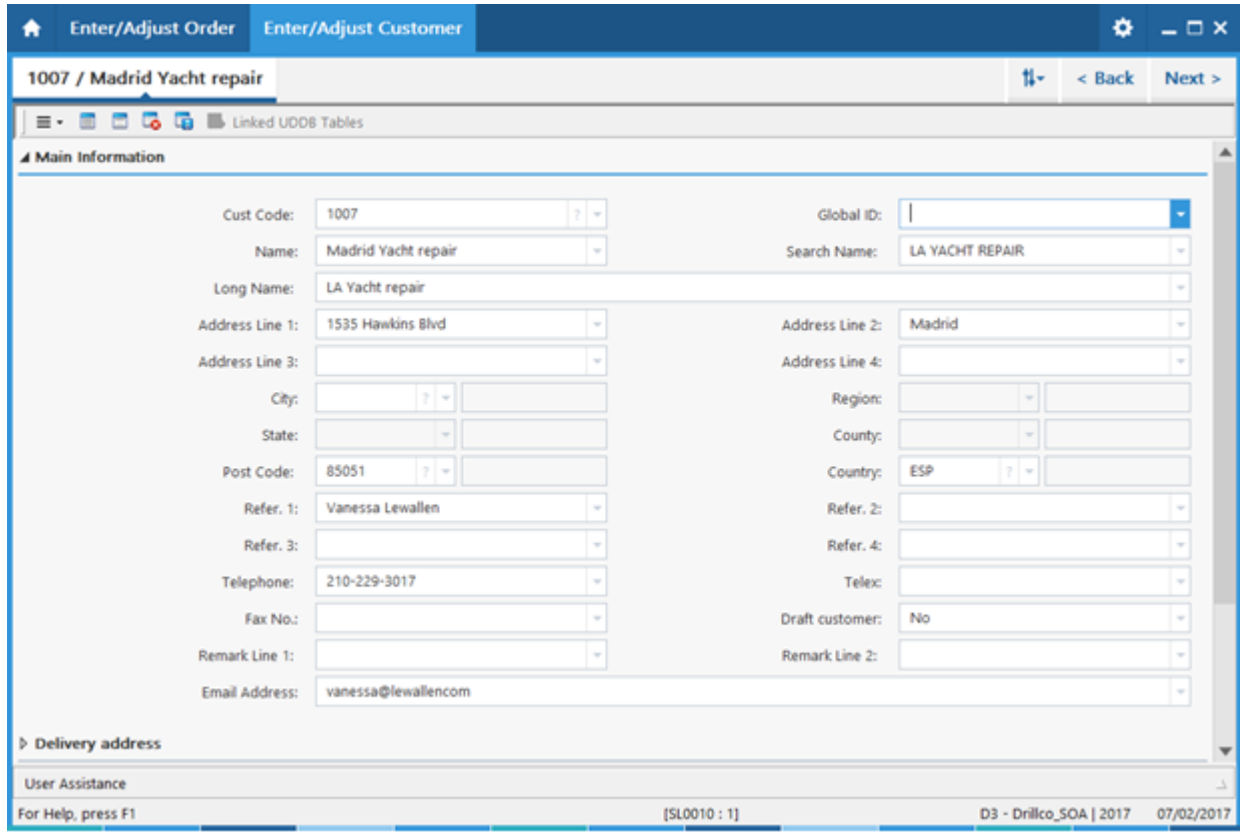


iScala: A Contemporary User Experience

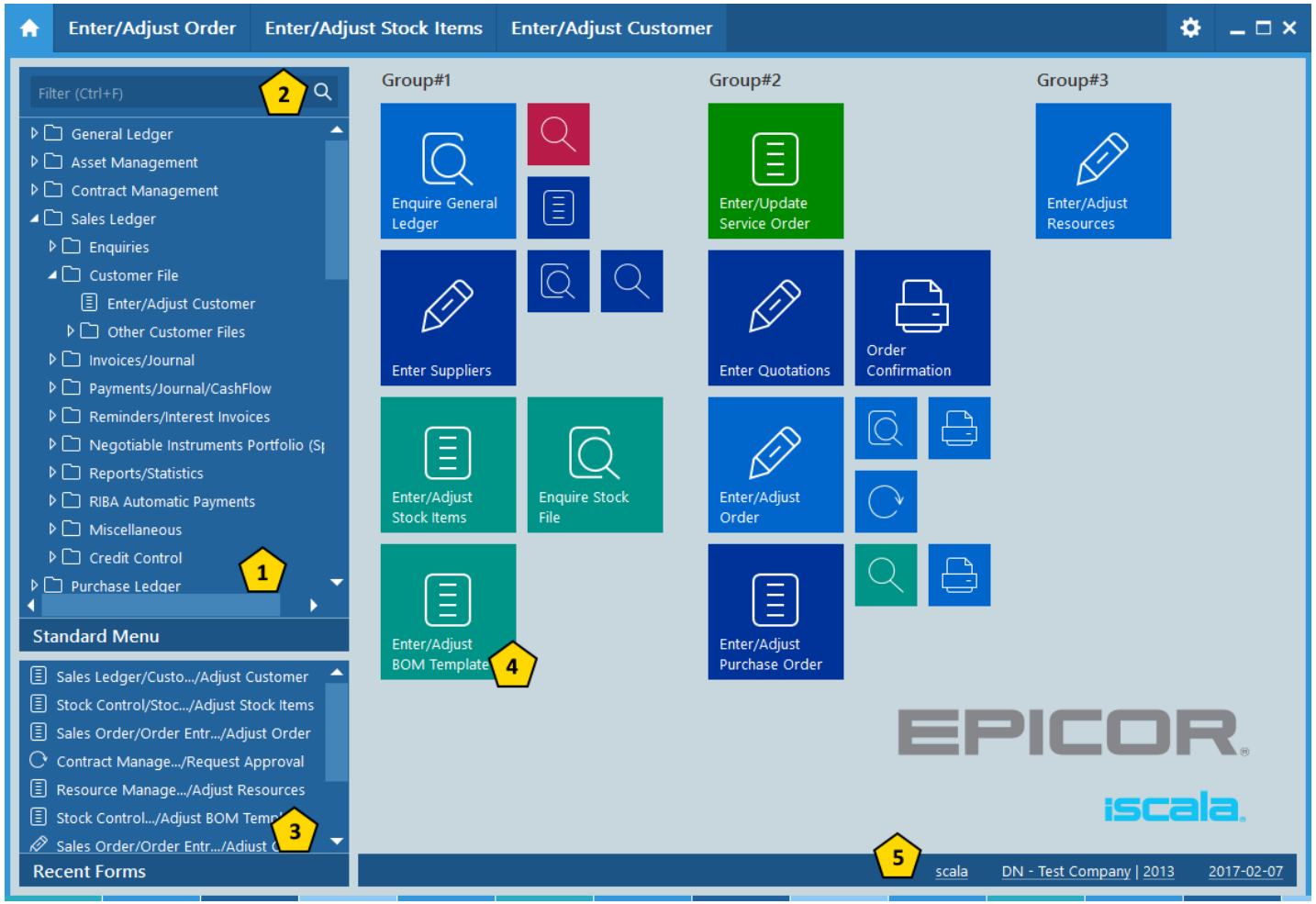
- New iScala Home Screen



- Subordinate program tabs – with running programs



Home Screen - Overview

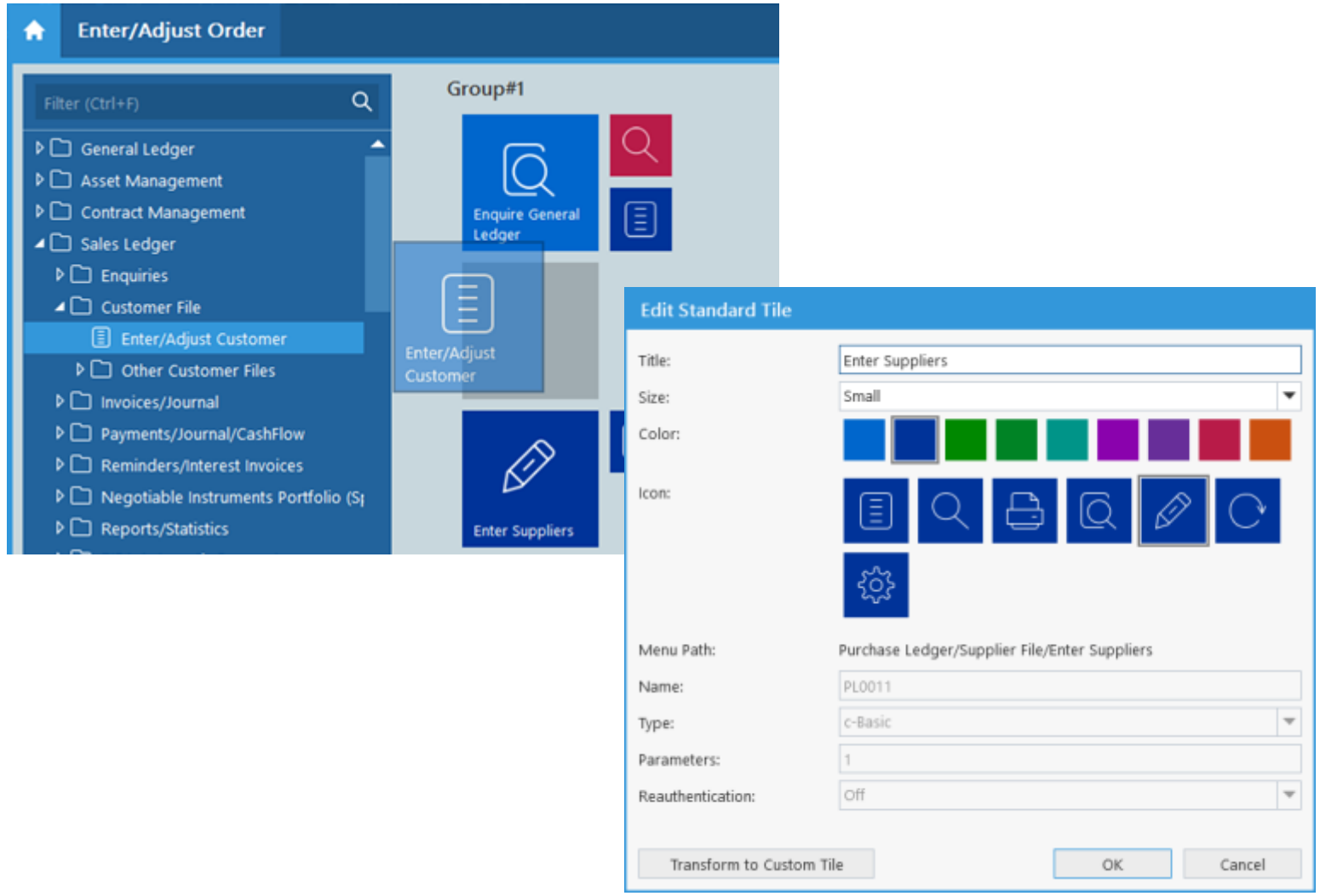


- Menu tree (1) with the ability to search (2) *
- Recently ran programs pane (3)
- User's favorite tiles (4) organized in groups
- Status pane (5) showing information like current company, financial year, etc.

* Search is not available in current build

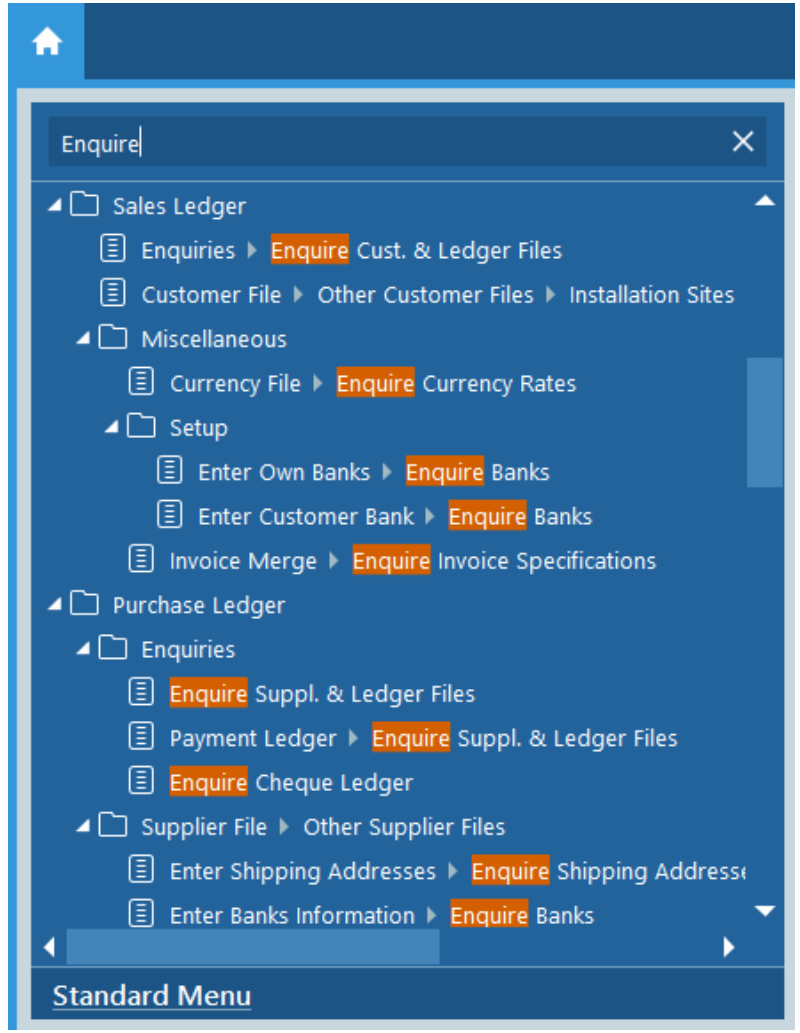
Home Screen - Tiles

- Drag & Drop creation
- Ability to customize tiles
- Standard and Custom Tiles
- Standard Tiles are disabled when not available in menu
- Ability to create Custom Tiles controlled by permission

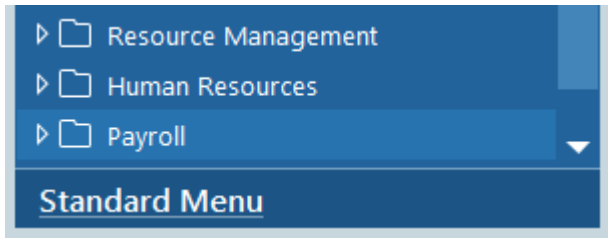


Home Screen – Search (in development)

- Available on Home screen
- Highlights found words
- Menu item path compression



Home Screen – Interactive Items



Menu Pane

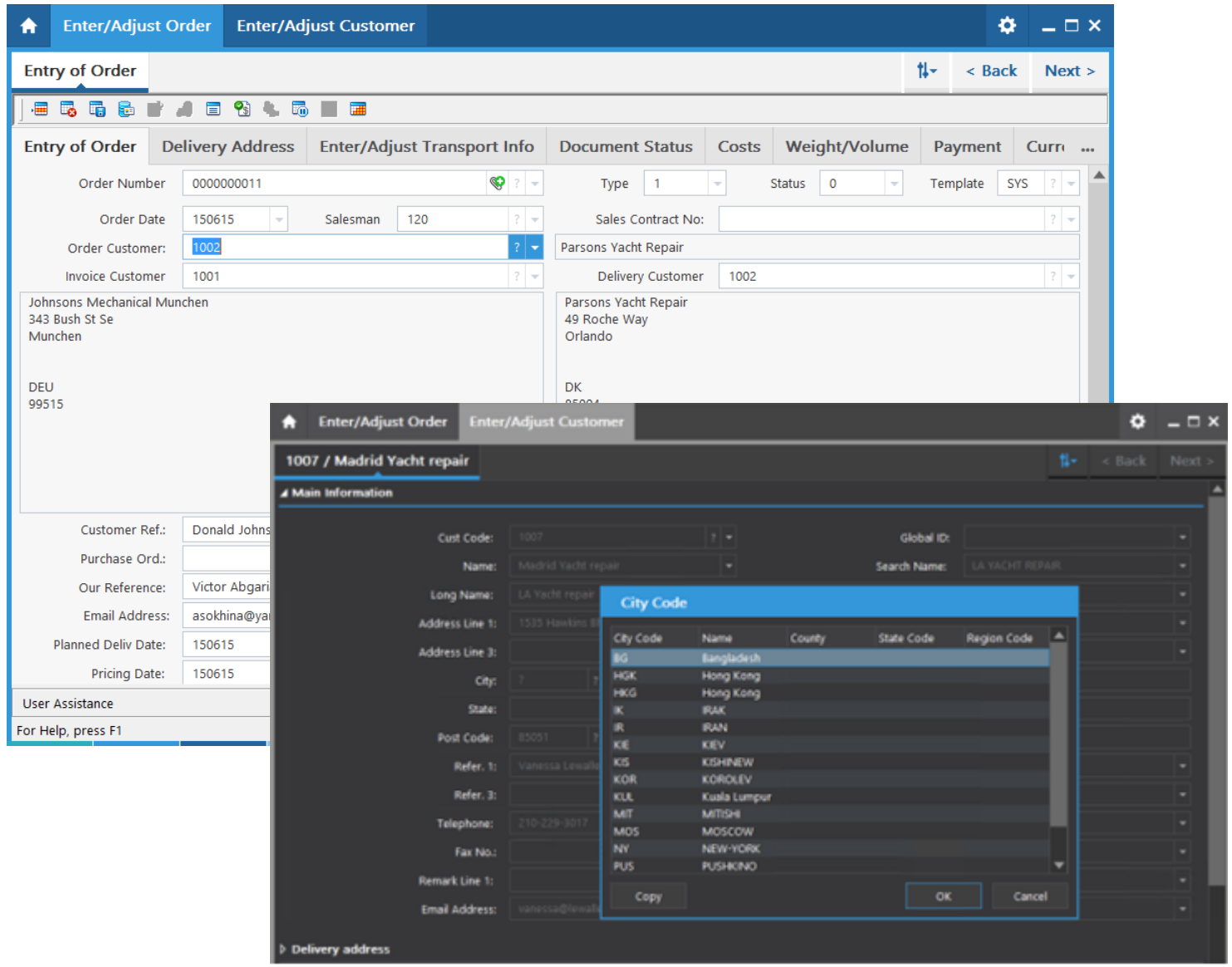
- Switch between Menus

Status Pane

- Clickable panes
- Logon / Logoff
- Change Company/Year, Run new Session, Change Developer mode
  One Home Screen per Company/Year
- Change system date

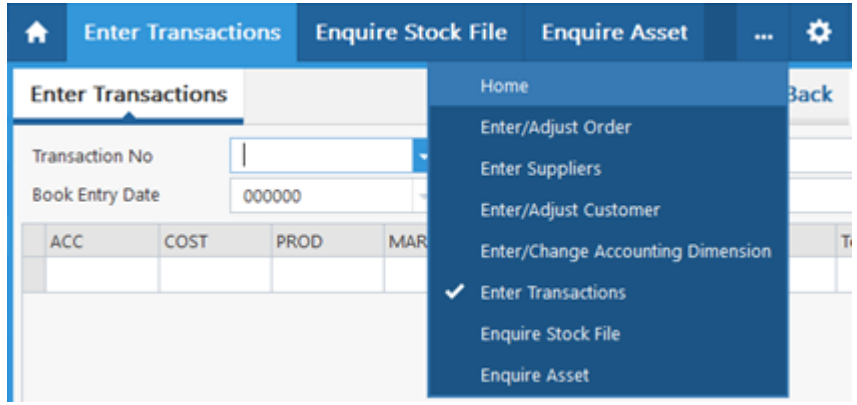
Entry Forms

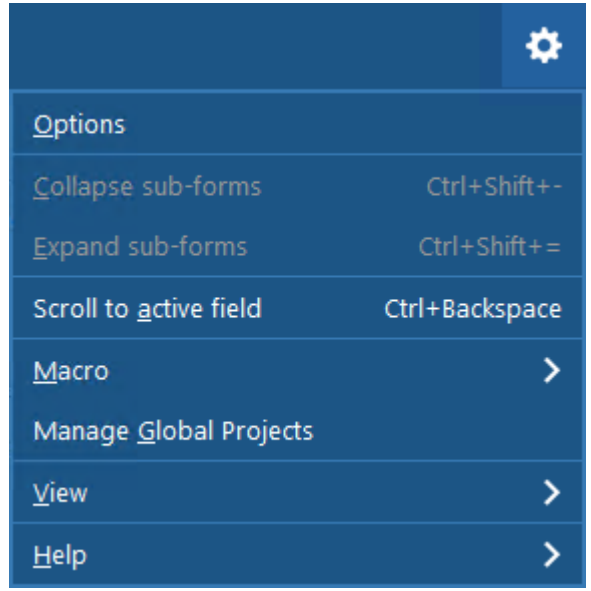
- Browser Style UX
- Easily switch between programs
- Choice - select the Light or Dark color scheme, and a predefined accent color – Blue or Green
- Accent color is used to highlight active or current item in the control

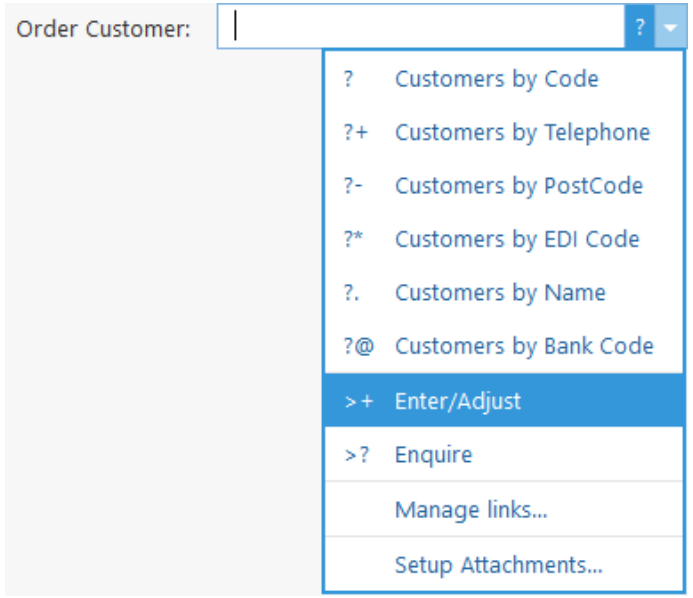


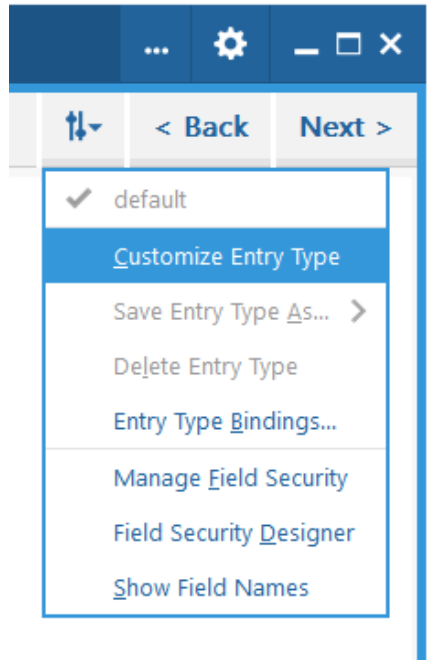
Contextual actions

- Gear Menu
- Tab overflow Menu
- Form Commands menu
- Program invocation commands in fields







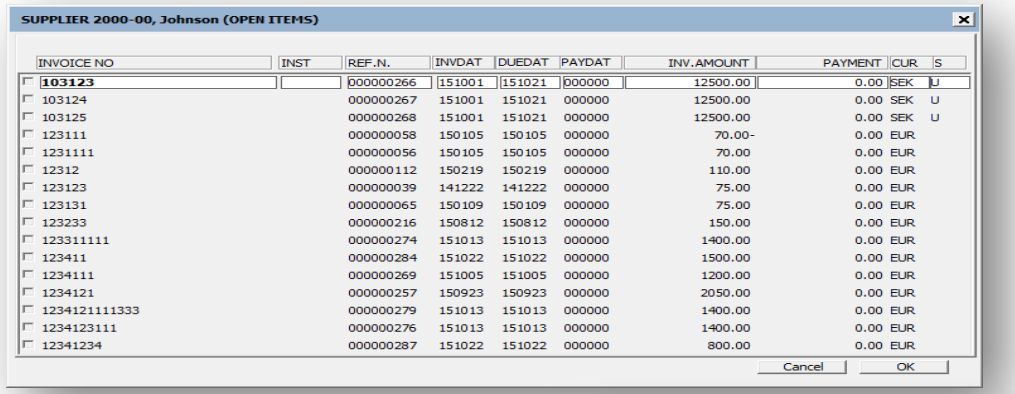


Change of layout

Solution Details – Example 1

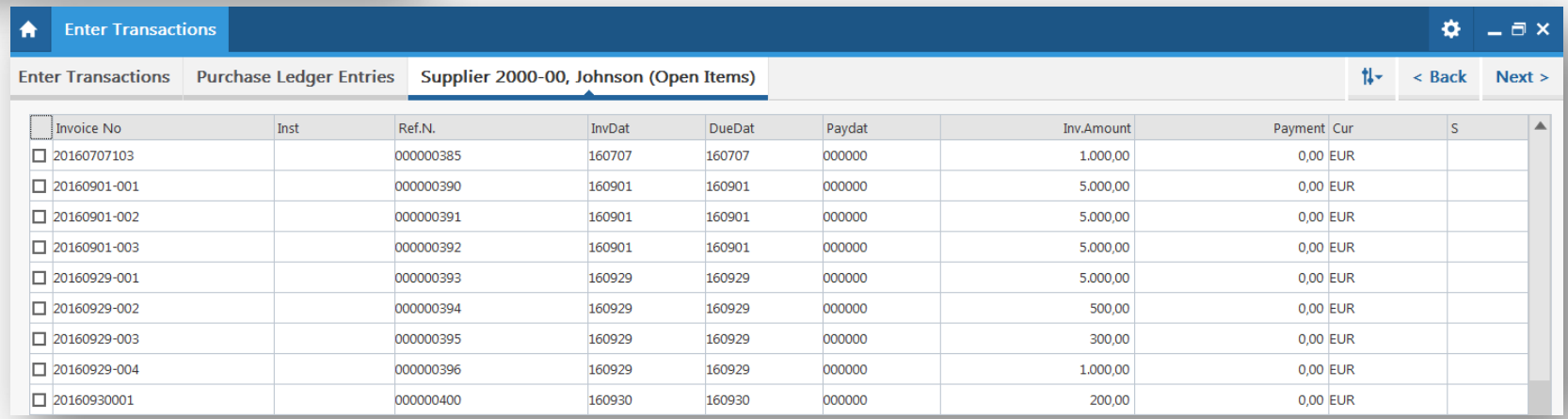
General Ledger → Transactions → Enter Transactions, using the PL or SL command and select invoices

Old layout with multi-select and without sorting.



New layout with multi-select and sorting.

Click once in the column header and the list is sorted in ascending order, click again and the list is sorted in descending order.

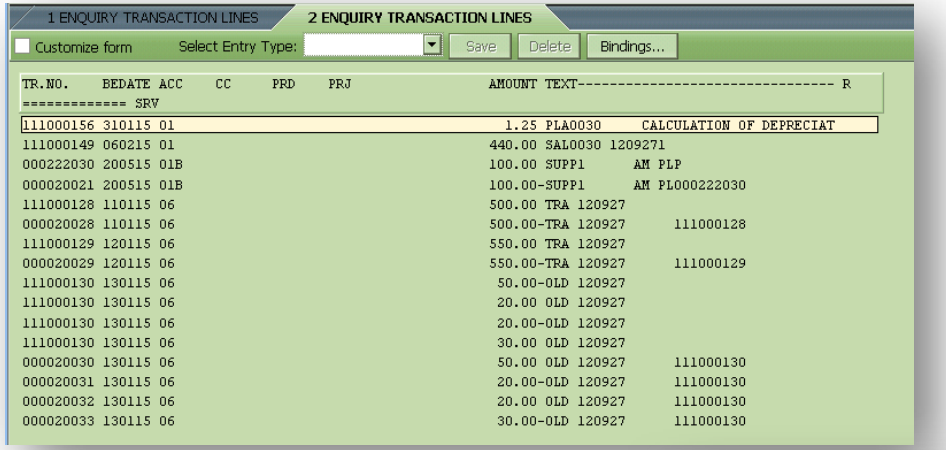


Invoice No	Inst	Ref.N.	InvDat	DueDat	Paydat	Inv.Amount	Payment	Cur	S
20160707103		000000385	160707	160707	000000	1.000,00	0,00	EUR	
20160901-001		000000390	160901	160901	000000	5.000,00	0,00	EUR	
20160901-002		000000391	160901	160901	000000	5.000,00	0,00	EUR	
20160901-003		000000392	160901	160901	000000	5.000,00	0,00	EUR	
20160929-001		000000393	160929	160929	000000	5.000,00	0,00	EUR	
20160929-002		000000394	160929	160929	000000	500,00	0,00	EUR	
20160929-003		000000395	160929	160929	000000	300,00	0,00	EUR	
20160929-004		000000396	160929	160929	000000	1.000,00	0,00	EUR	
20160930001		000000400	160930	160930	000000	200,00	0,00	EUR	

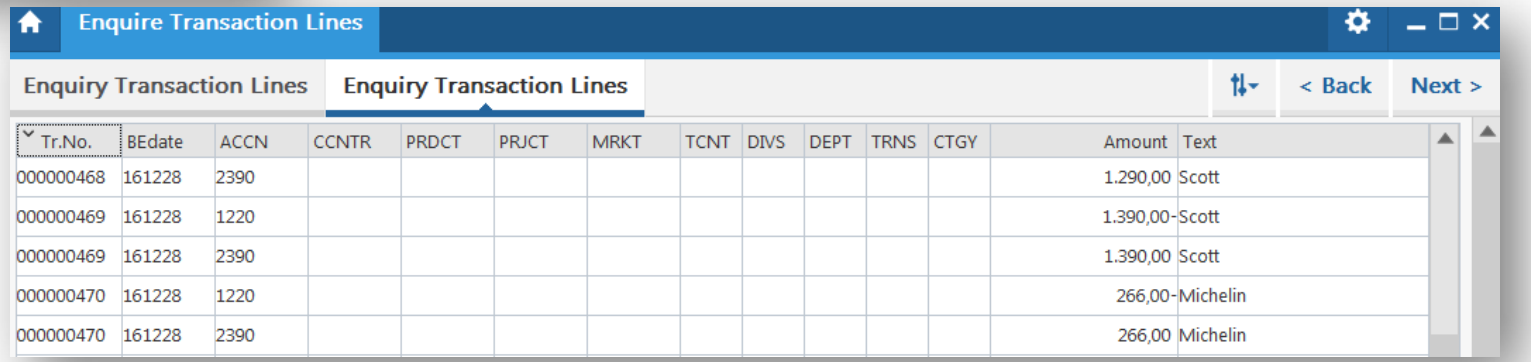
Solution Details – Example 2

General Ledger → Chart of Accounts/Enquiries → Enquire General Ledger → Enquire Transaction Lines - Sorted by Account

Old layout with single select, without sorting



New layout with single select and sorting

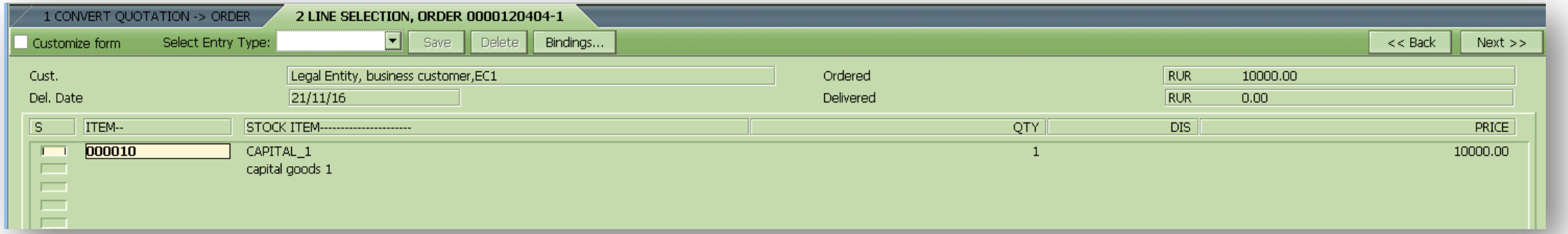


Tr.No.	BEdate	ACCN	CCNTR	PRDCT	PRJCT	MRKT	TCNT	DIVS	DEPT	TRNS	CTGY	Amount	Text
000000468	161228	2390										1.290,00	Scott
000000469	161228	1220										1.390,00-	Scott
000000469	161228	2390										1.390,00	Scott
000000470	161228	1220										266,00-	Michelin
000000470	161228	2390										266,00	Michelin

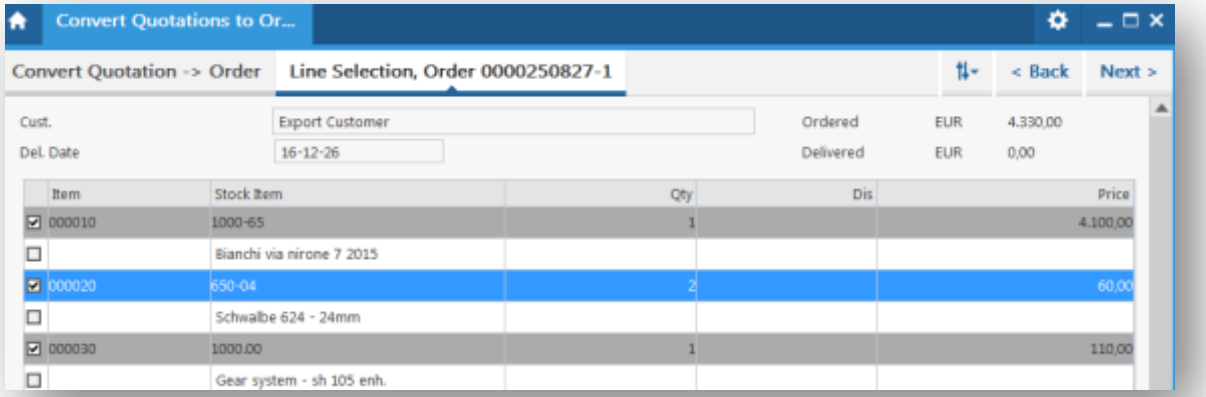
Solution Details – Example 3

Sales Order → Quotations → Convert Quotations to Orders, selection of lines to be converted

Old layout with multi-select, without sorting



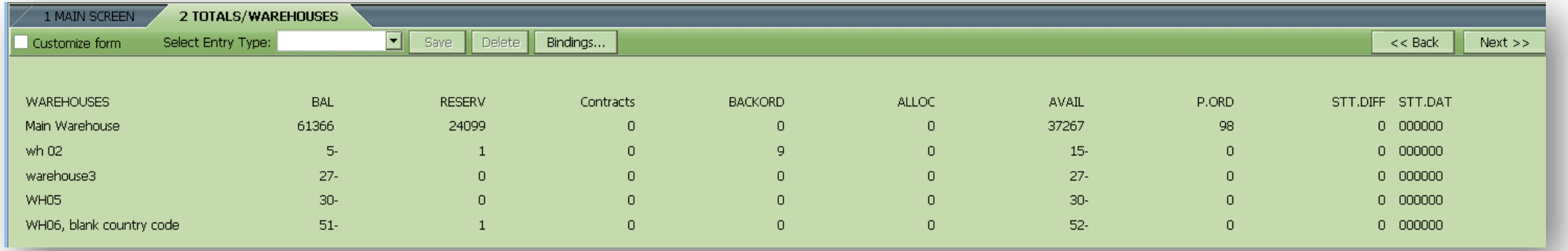
New layout with multi-select, without sorting



Solution Details – Example 4

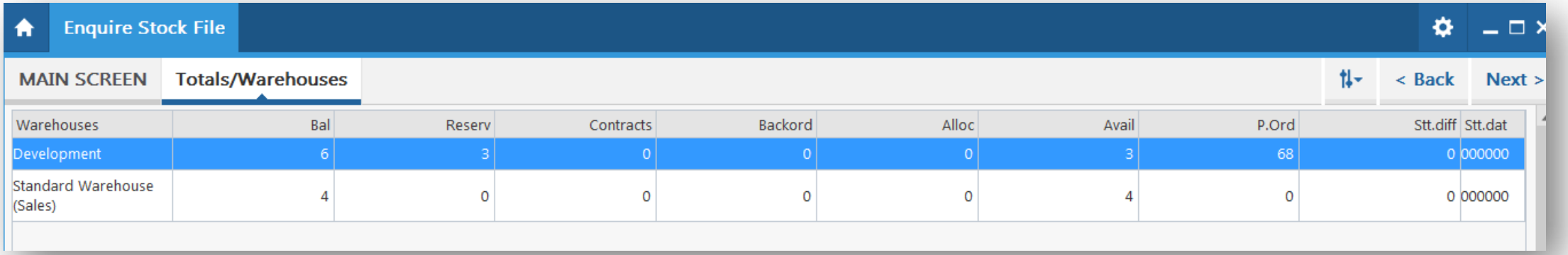
Stock Control → Stock Items/Enquiries → Enquire Stock File, Totals per Warehouse

Old layout without select and sorting



WAREHOUSES	BAL	RESERV	Contracts	BACKORD	ALLOC	AVAIL	P.ORD	STT.DIFF	STT.DAT
Main Warehouse	61366	24099	0	0	0	37267	98	0	000000
wh 02	5-	1	0	9	0	15-	0	0	000000
warehouse3	27-	0	0	0	0	27-	0	0	000000
WH05	30-	0	0	0	0	30-	0	0	000000
WH06, blank country code	51-	1	0	0	0	52-	0	0	000000

New layout without select, with sorting



Warehouses	Bal	Reserv	Contracts	Backord	Alloc	Avail	P.Ord	Stt.diff	Stt.dat
Development	6	3	0	0	0	3	68	0	000000
Standard Warehouse (Sales)	4	0	0	0	0	4	0	0	000000

New Commands

Solution Details (1/6)

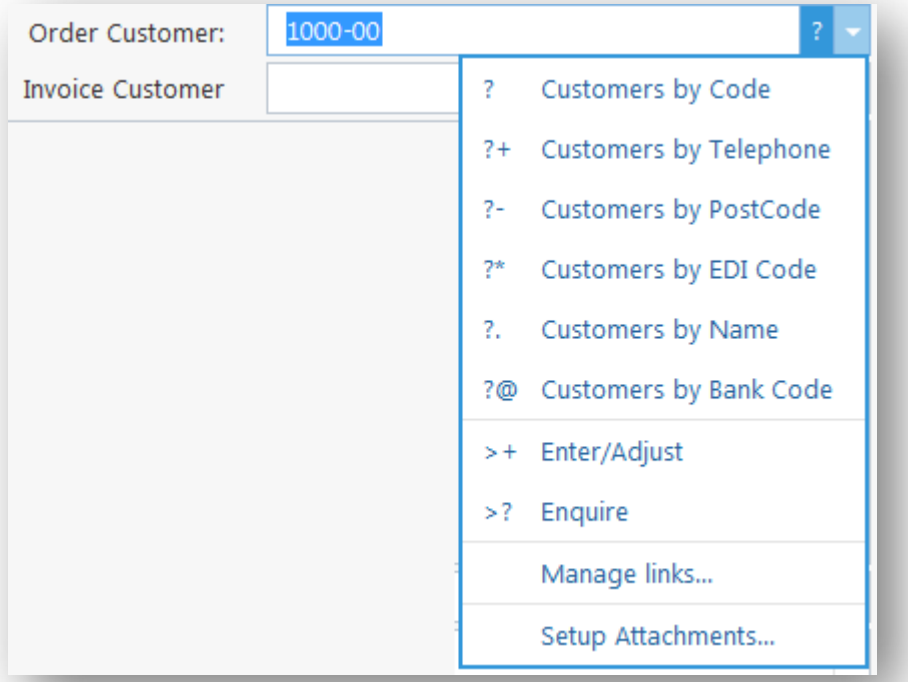
Admin Console → Languages → Strings → GEN → ENG → SY → QUERYSETS

- New commands are added to query-sets which supports the function.
- An example from a customer query-set.
  - >+ = Enter/Adjust {Customer.EnterAdjust}
  - >? = Enquire {Customer.Enquire}
- Both or one of them can exist.

Solution Details (2/6)

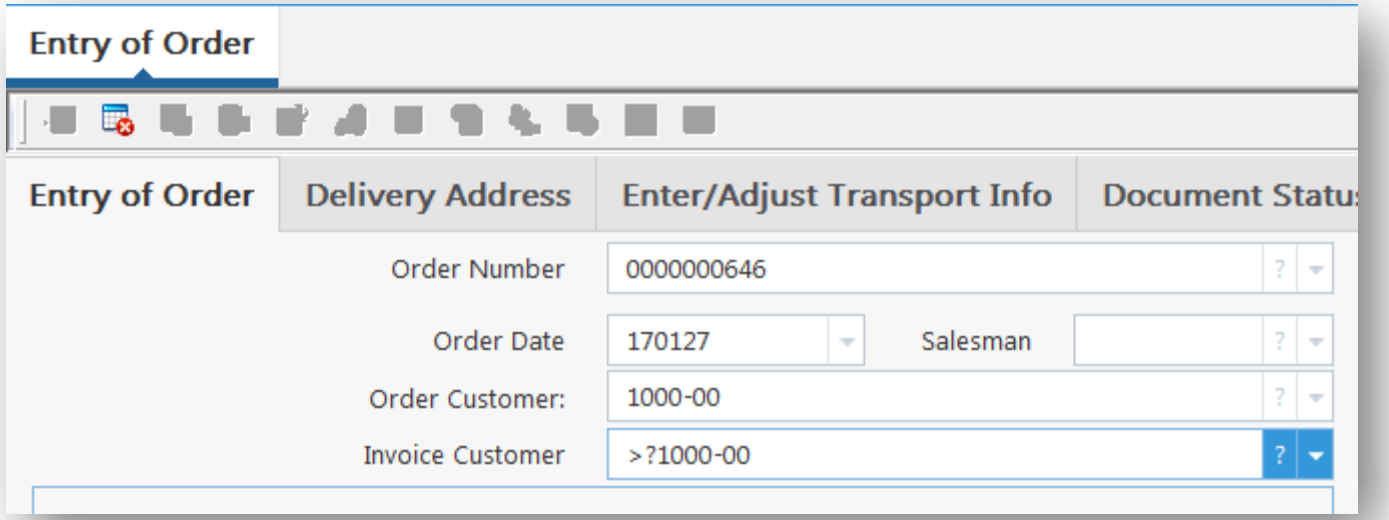
- From the calling function it looks like:

- The >+ and >? Commands can be selected from the list or manually entered.



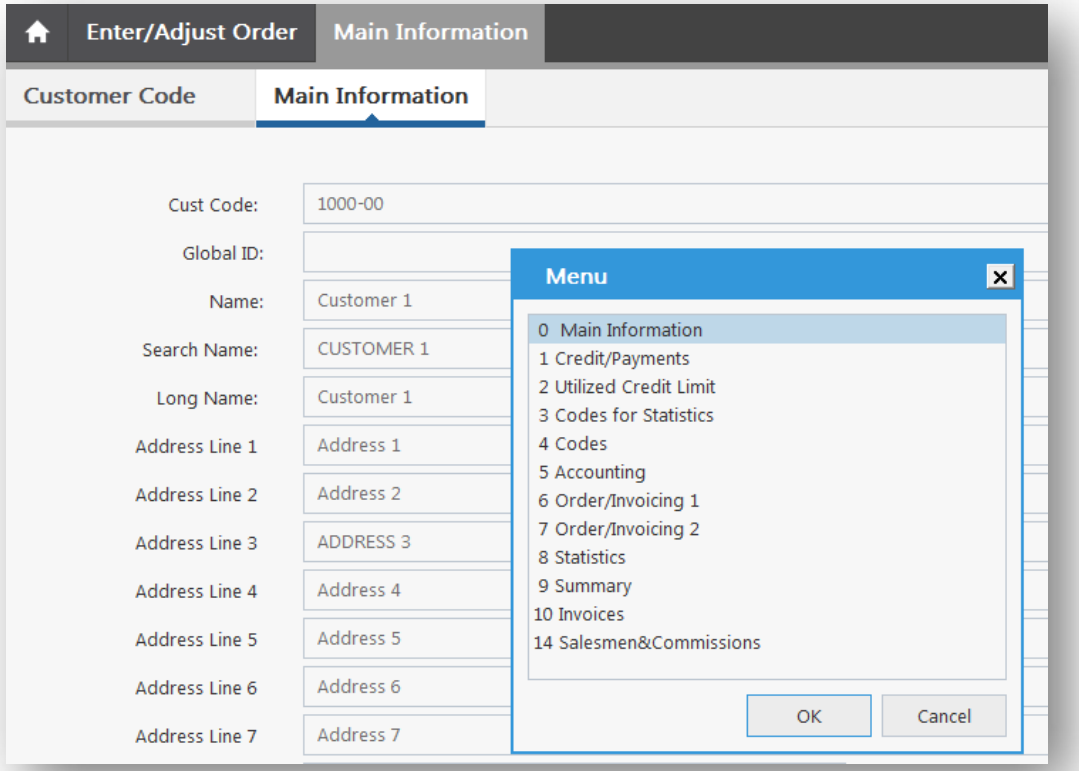
Solution Details – (3/6)

- From a customer field with a customer code entered:



Solution Details – (4/6)

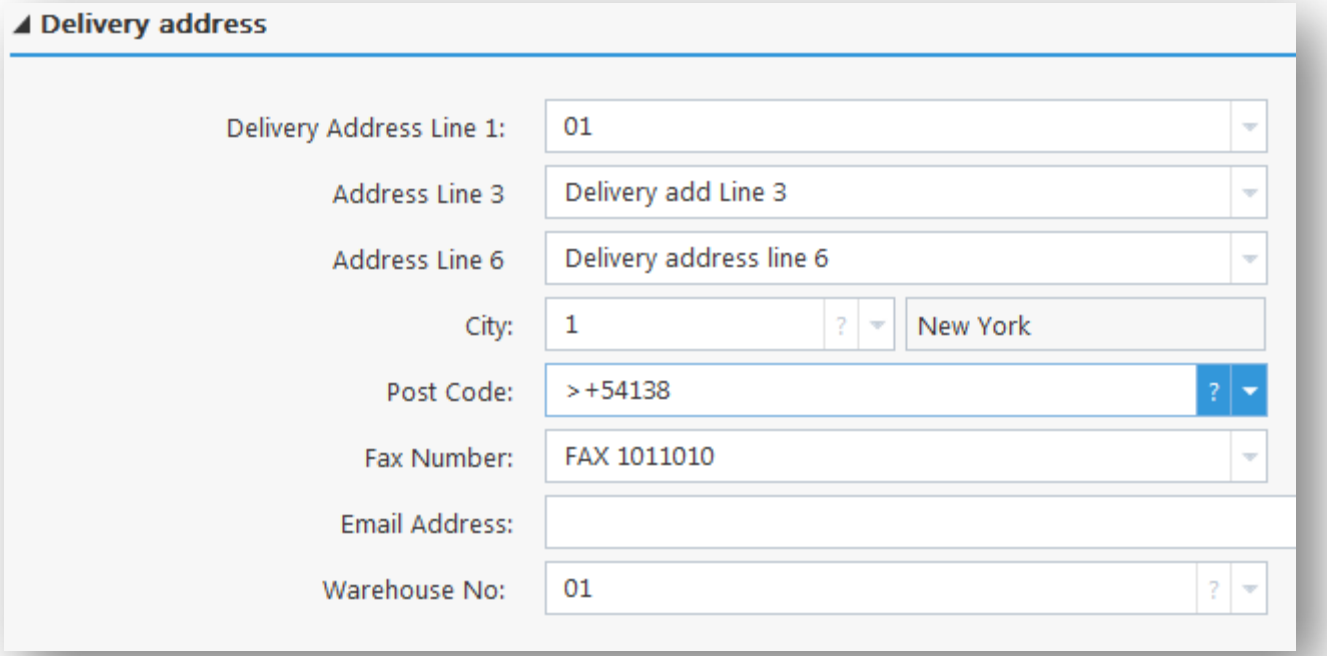
- The Enquire Cust. & Ledger Files function is started and information about the customer code is loaded.



In case only the command is used, the called function starts without loading any information.

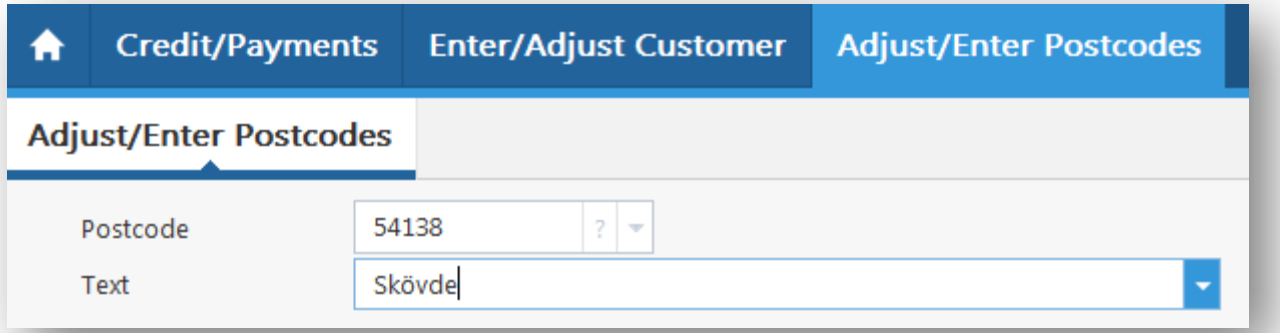
Solution Details – (5/6)

- From a postcode field with the code entered:



Solution Details – (6/6)

- The Enter/Adjust Code file function is started and information about the post code is loaded.



Platform Improvements

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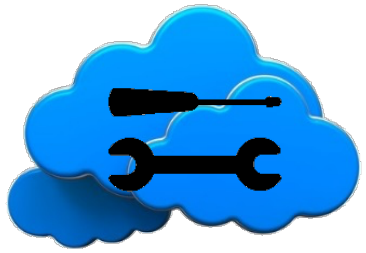
iScala 3.1

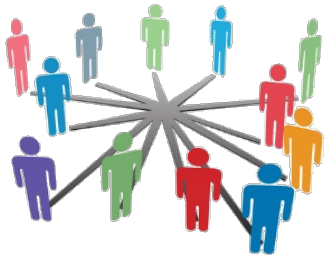
Faster

Easier



Mobile

Collaborative



Platform Improvements

Integration to Crystal Reports 2013

- Replace Crystal XI Print Engine

Continued support for the latest Microsoft Platforms:

- SQL Server 2012
- Server 2012
- Windows 10

More details on iScala application server:
E:\iScala Installation Media\iScala 3.1\iScala 3.1 readme\PRD-S31-099 iScala 3.1 Release Notes.htm

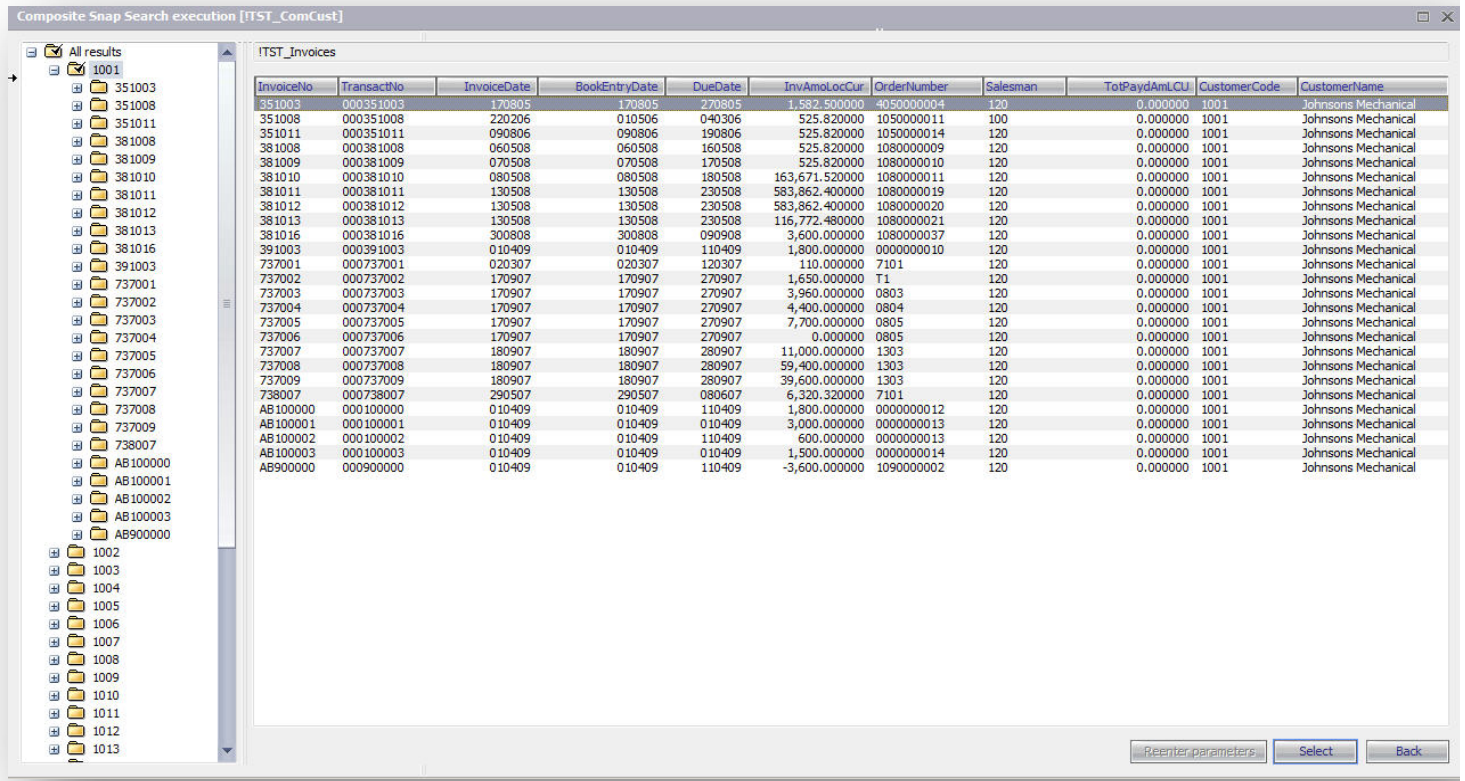
Service Connect:

- New real expression converter
- New email designer / builder tool with support for HTML formats
- Enhanced statistics for input and output channel monitoring
- WSE 3.0 policy support to enhance security
- A raft of other enhancements…

Platform Improvements

Snap-Search 2.0

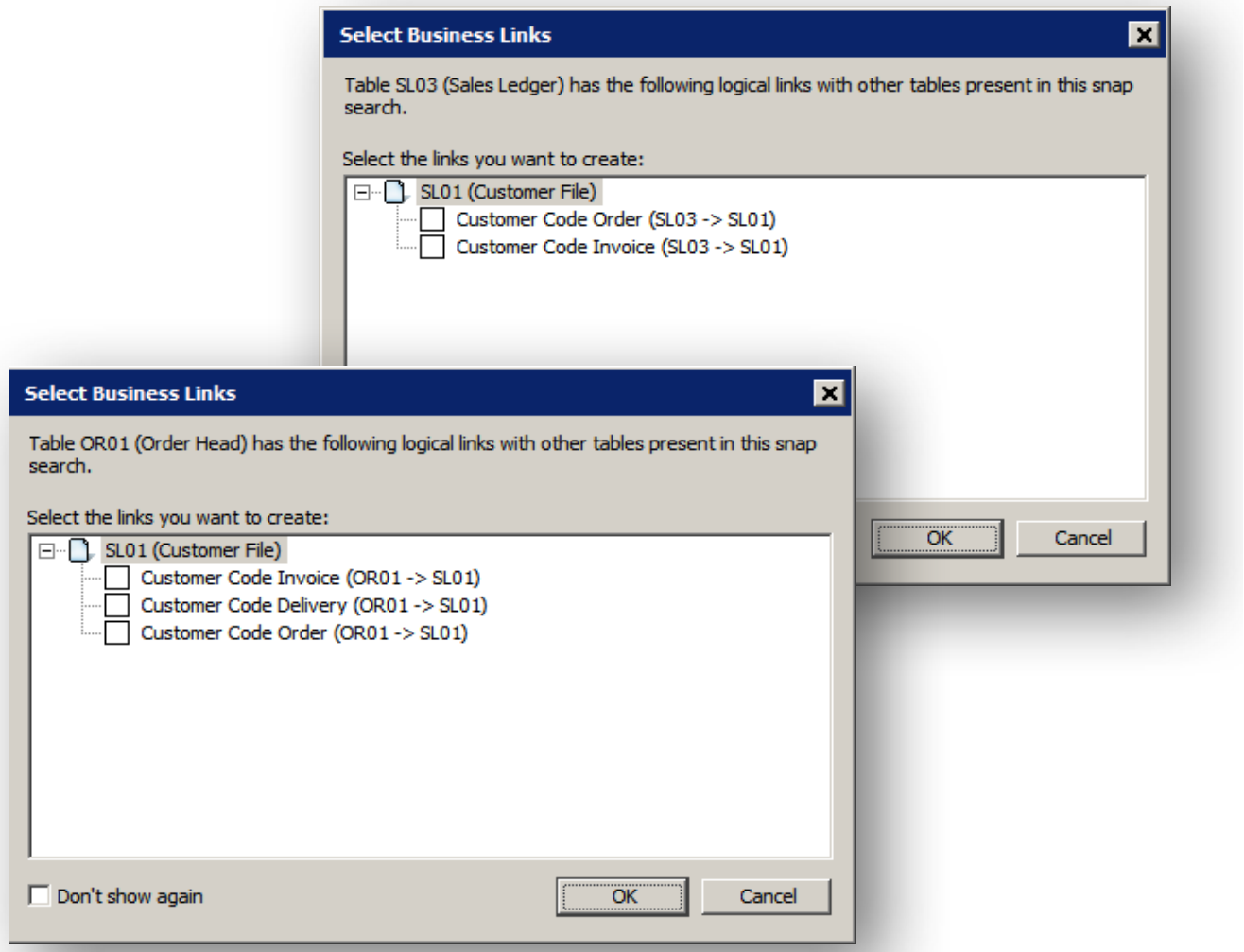
- Multi-level/Composite Snap Searches
- Link multiple Snap Searches
- In-context ad hoc on-screen enquiries
- Drill-down/Drill-up capabilities



InvoiceNo	TransactNo	InvoiceDate	BookEntryDate	DueDate	InvAmoLocCur	OrderNumber	Salesman	TotPaydAmLCU	CustomerCode	CustomerName
351003	000351003	170805	170805	270805	1,582.500000	4050000004	120	0.000000	1001	Johnsons Mechanical
351008	000351008	220206	010506	040306	525.820000	1050000011	100	0.000000	1001	Johnsons Mechanical
351011	000351011	090806	090806	190806	525.820000	1050000014	120	0.000000	1001	Johnsons Mechanical
381008	000381008	060508	060508	160508	525.820000	1080000009	120	0.000000	1001	Johnsons Mechanical
381009	000381009	070508	070508	170508	525.820000	1080000010	120	0.000000	1001	Johnsons Mechanical
381010	000381010	080508	080508	180508	163,671.520000	1080000011	120	0.000000	1001	Johnsons Mechanical
381011	000381011	130508	130508	230508	583,862.400000	1080000019	120	0.000000	1001	Johnsons Mechanical
381012	000381012	130508	130508	230508	583,862.400000	1080000020	120	0.000000	1001	Johnsons Mechanical
381013	000381013	130508	130508	230508	116,772.480000	1080000021	120	0.000000	1001	Johnsons Mechanical
381016	000381016	300808	300808	090908	3,600.000000	1080000037	120	0.000000	1001	Johnsons Mechanical
391003	000391003	010409	010409	110409	1,800.000000	0000000010	120	0.000000	1001	Johnsons Mechanical
737001	000737001	020307	020307	120307	110.000000	7101	120	0.000000	1001	Johnsons Mechanical
737002	000737002	170907	170907	270907	1,650.000000	T1	120	0.000000	1001	Johnsons Mechanical
737003	000737003	170907	170907	270907	3,960.000000	0803	120	0.000000	1001	Johnsons Mechanical
737004	000737004	170907	170907	270907	4,400.000000	0804	120	0.000000	1001	Johnsons Mechanical
737005	000737005	170907	170907	270907	7,700.000000	0805	120	0.000000	1001	Johnsons Mechanical
737006	000737006	170907	170907	270907	0.000000	0805	120	0.000000	1001	Johnsons Mechanical
737007	000737007	180907	180907	280907	11,000.000000	1303	120	0.000000	1001	Johnsons Mechanical
737008	000737008	180907	180907	280907	59,400.000000	1303	120	0.000000	1001	Johnsons Mechanical
737009	000737009	180907	180907	280907	39,600.000000	1303	120	0.000000	1001	Johnsons Mechanical
738007	000738007	290507	290507	080607	6,320.320000	7101	120	0.000000	1001	Johnsons Mechanical
AB100000	000100000	010409	010409	110409	1,800.000000	0000000012	120	0.000000	1001	Johnsons Mechanical
AB100001	000100001	010409	010409	010409	3,000.000000	0000000013	120	0.000000	1001	Johnsons Mechanical
AB100002	000100002	010409	010409	110409	600.000000	0000000013	120	0.000000	1001	Johnsons Mechanical
AB100003	000100003	010409	010409	010409	1,500.000000	0000000014	120	0.000000	1001	Johnsons Mechanical
AB900000	000900000	010409	010409	110409	-3,600.000000	1090000002	120	0.000000	1001	Johnsons Mechanical

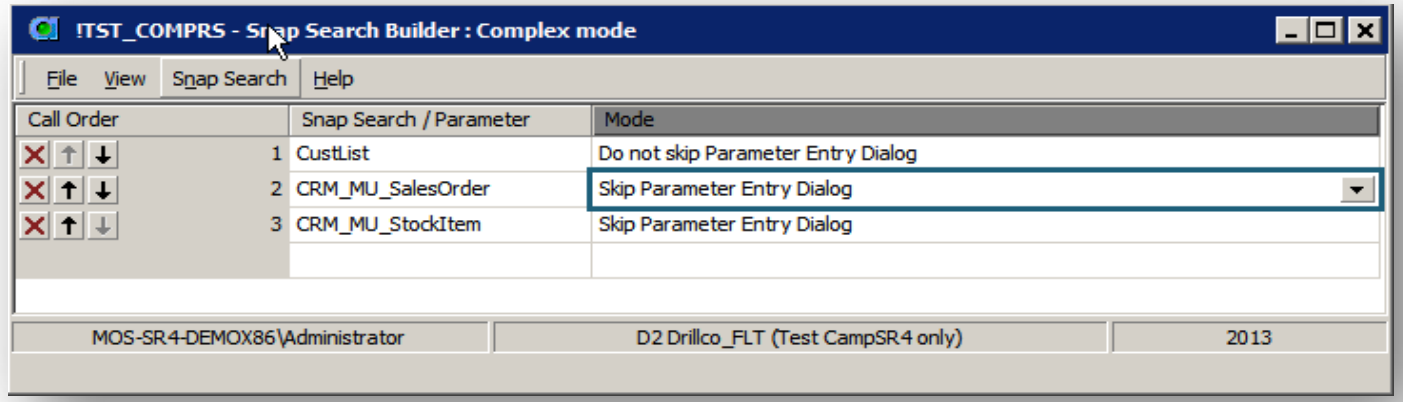
Snap Search Links

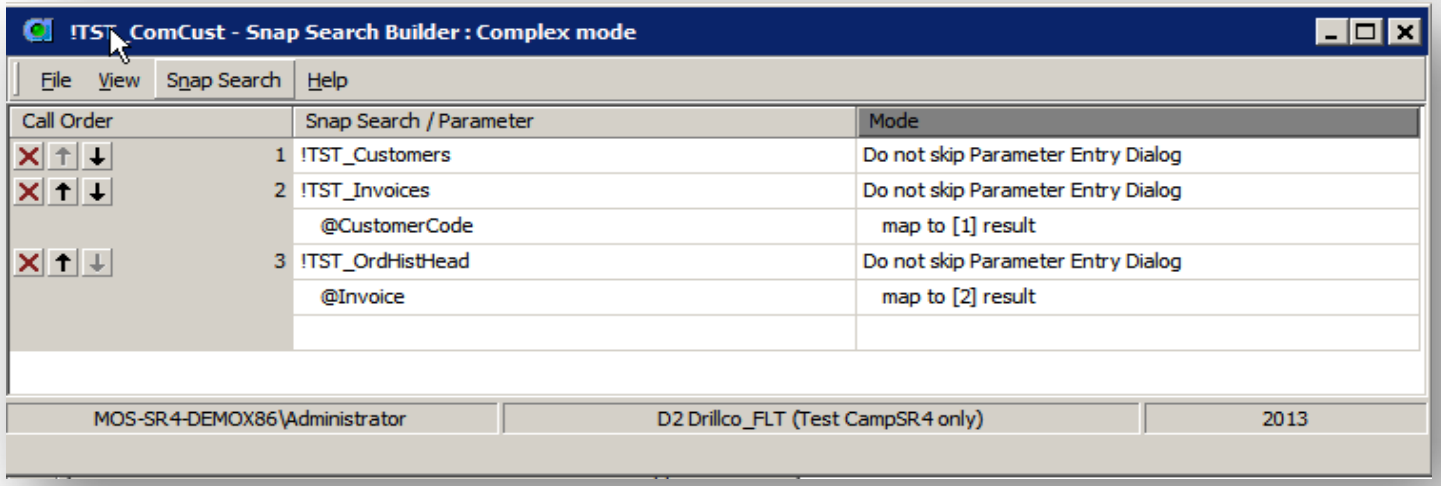
- Improvements to the iScala Data Dictionary
- Automatic table links recommended based on selected tables
- Select one or more links
- Manually adjust the links



Composite Snap Searches

- Link multiple Snap Searches
- Use multiple parameters
- Filtered Snap Search results in a single screen
- Contextual data – see data that is relevant to what you need





Platform Improvements

Support for multi-grids in iScala

- Support for one or more grids in the same screen
- In-context information

COM+ components Redesign

- Performance Improvements across iScala and Service Connect
- Stability improvements in Service, Projects and Contracts modules

Transition to VBA 7.1 replacing VBA 6

Integration to Epicor ICE for iScala…

Usability Improvements

Completion of the Sales Order Grid – introduced in iScala 2.3 SR3

- Expanded to Sales Order Enquiry
- Several additional fields added to the Grid

Introduction of new Grid-based screens:

- Purchase Order Entry
- Purchase Order Enquiry
- Purchase Order Delivery

(*) To be completed by GA

Epicor ICE

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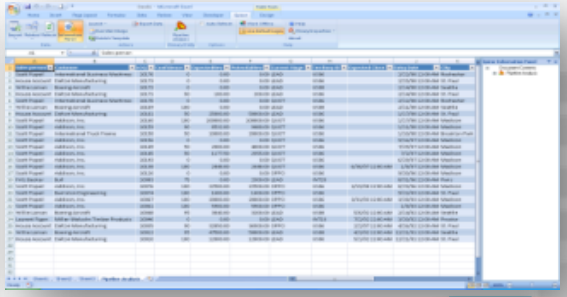
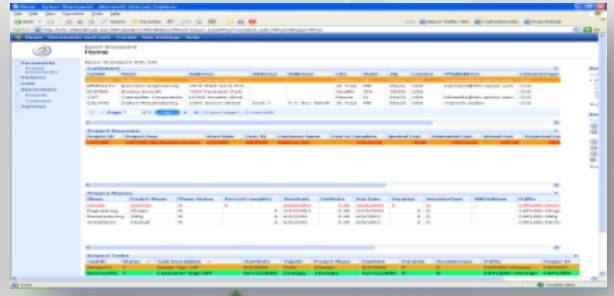
Epicor iScala 3.0 is the first iScala release to leverage the Epicor ICE Business platform to deliver next-generation technologies and best-in-class applications designed to EXTEND the power of the solution across the entire organization.

Epicors intention is to bring a number of add-on capabilities extending the iScala application to mobile devices, on-line analytics, integration to Microsoft Office applications and web-based screens…

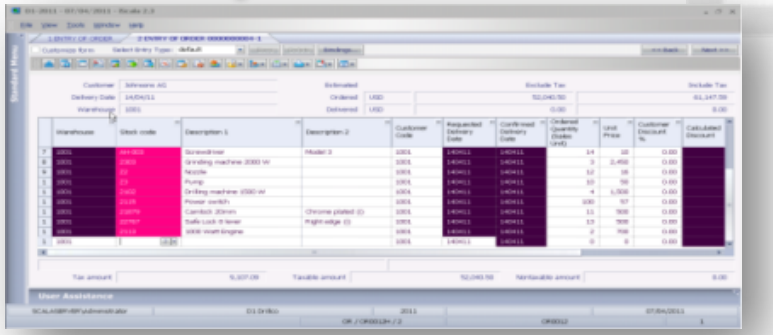
Abstracting Technology

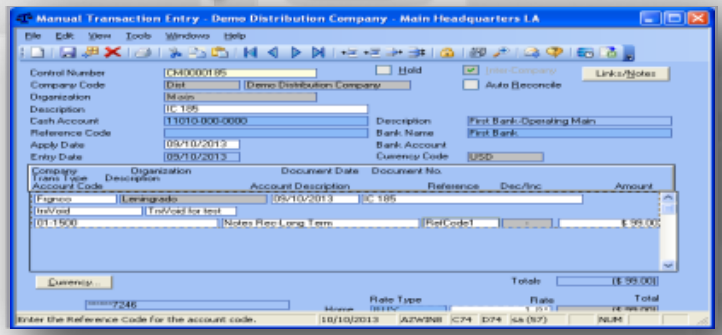




ICE

EPICOR





Epicor ICE Capabilities

- BAQs
- Dashboards
- Trackers

Updatable BAQs
Updatable Dashboards

- Support for multiple Data Sources

- Deployment of Dashboard and BAQs into Microsoft SharePoint

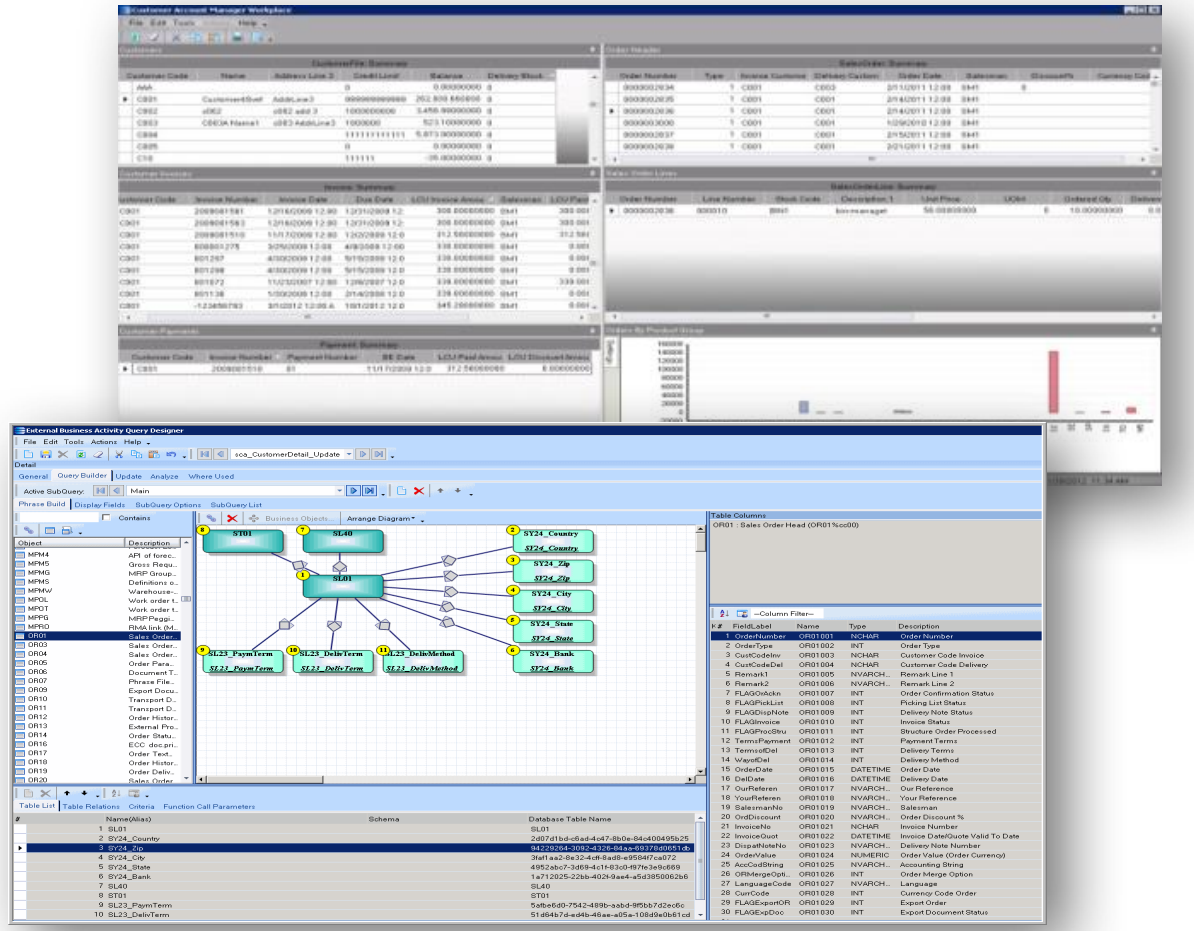
- Service Connect Integration
- Process Orchestration

- Mobile Dashboards
- Mobile Access

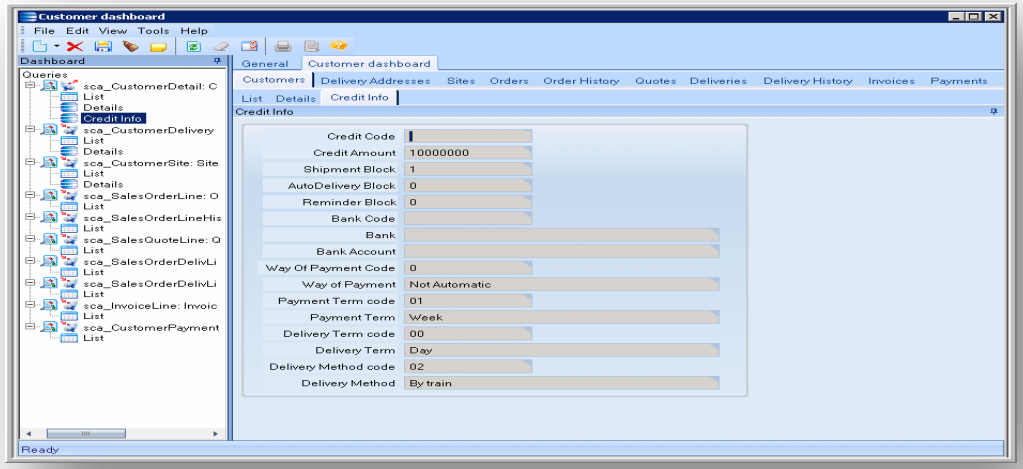
Its all about Context

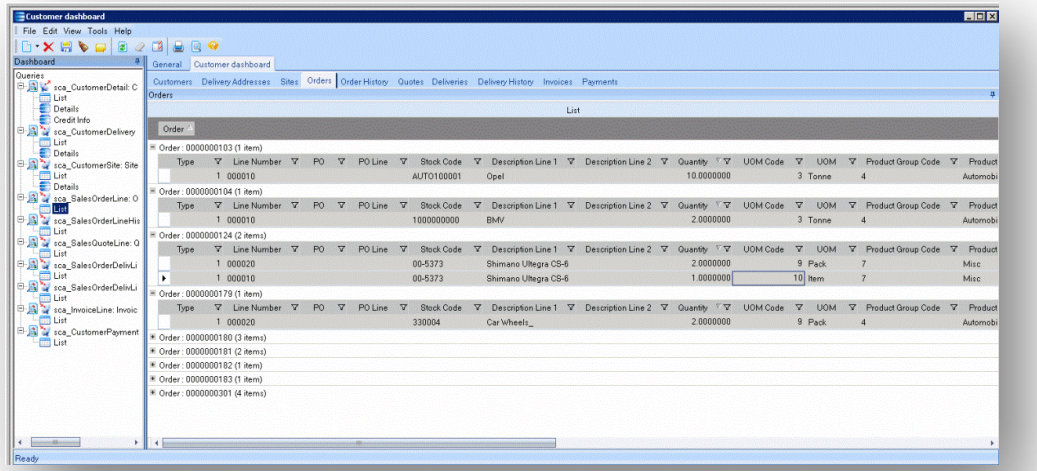
Contextual Information

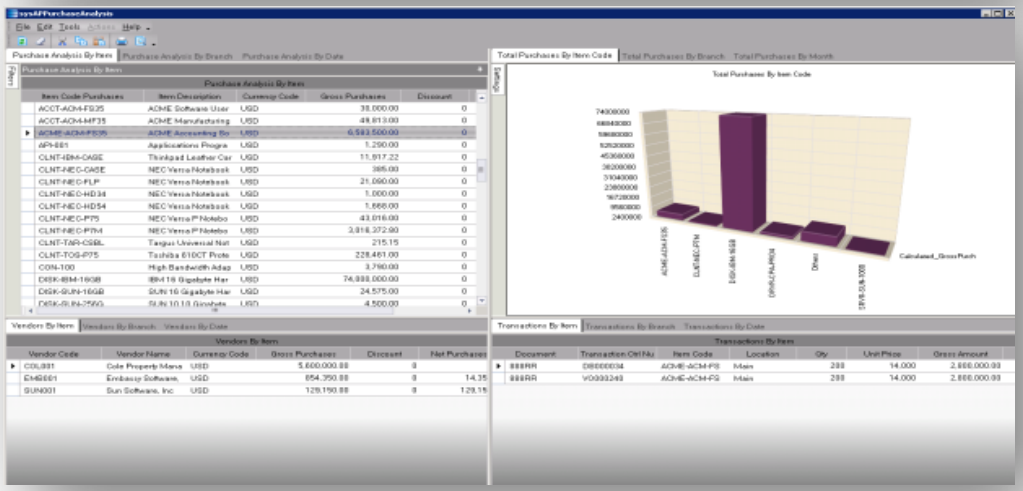
- Link multiple BAQs in one dashboard
- Move seamlessly between different queries
- Predefined Content
- Allow users to easily find information
- Trackers
- Save trackers as favourites and reuse these
- Use graphs to provide visually interesting Dashboards

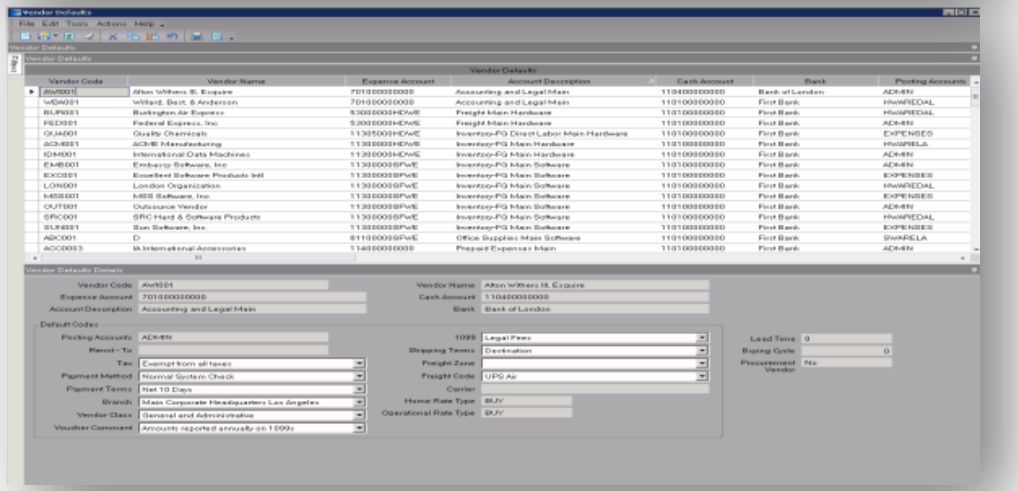


Epicor ICE – Content Packs









Finance

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Financial Operations

Banking interfaces:

- SEPA Phase II – adding support for Customer Payments / Direct Debiting (Including Payment Mandates)
- MT-940 and CAMT53 Support (*)
- Bank Reconciliations:
- Enhancements to the Automatic Bank Operations (ABO) Module (**)
- Use Service Connect to import multiple Bank Statement formats into iScala
- Supplier Invoice Coding
- Support for 20 new user-definable codes
- Linked to Supplier Invoices for additional classification

(*) To be completed after GA
(**) Implemented in iScala 2.3 SR3

Financial Operations

Payment Procedures:

- Support for creation and maintenance of Multiple Supplier Payment Proposals
- Extensions to the existing Service Connect routines to support additional payment routines

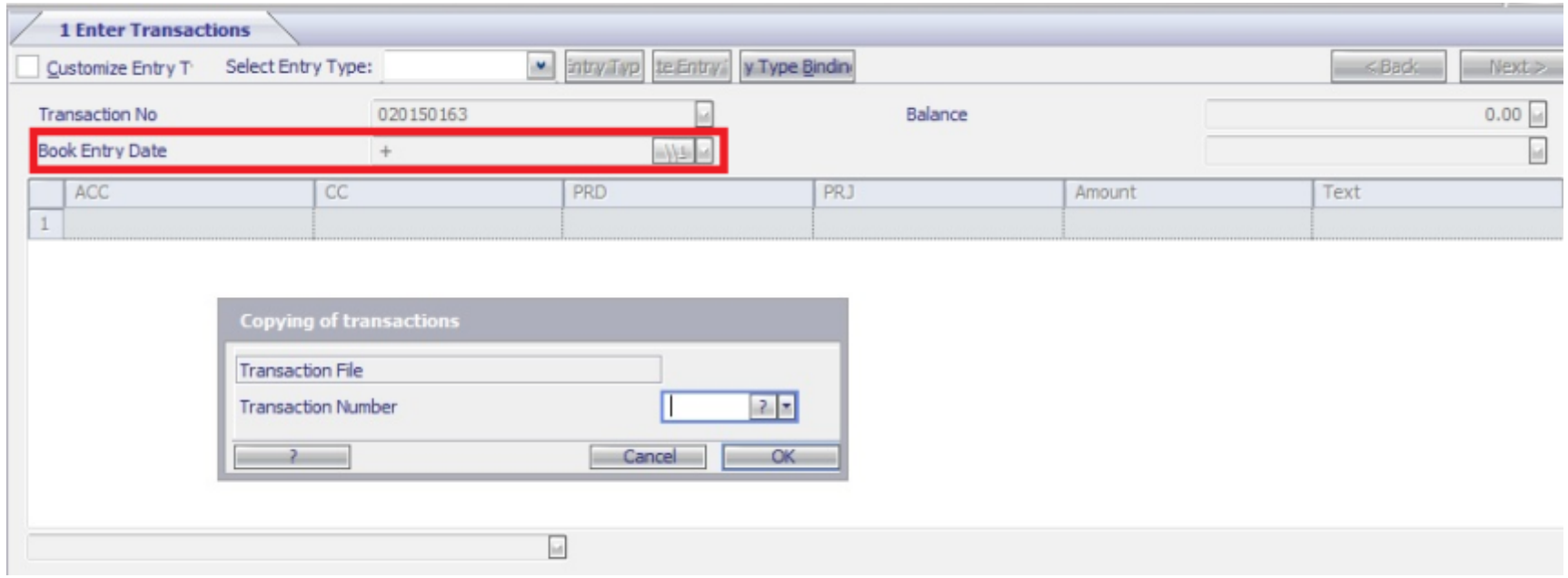
Journal Roll-back Capabilities

- Addition of a new distributed transaction routine
- Allowing iScala to either commit or abort the update of the journals
- 3 stage process: Create, Process, Commit/Abort

Copy Transactions

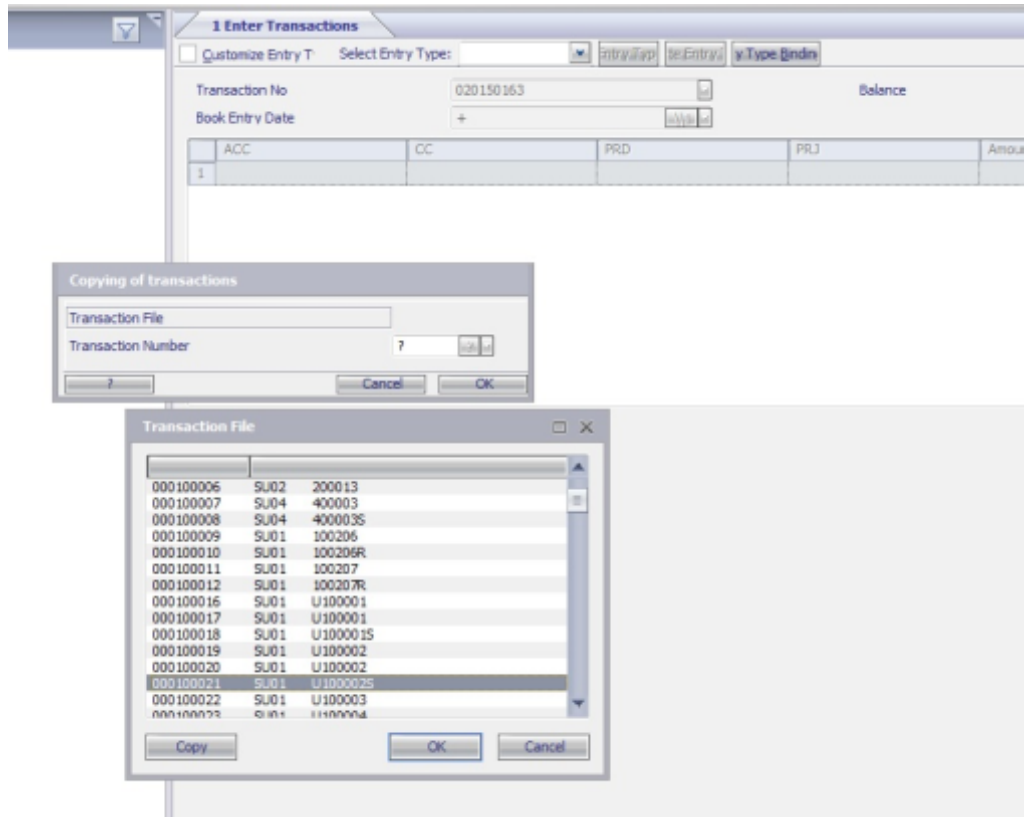
Solution Details – Copy Transactions (1/4)

- *GL – Transactions –Enter Transactions*
  The new command "+" is added for copying of transactions. This command is entered in the Book Entry Date field. After entering of this command the system offers to enter the transaction number.



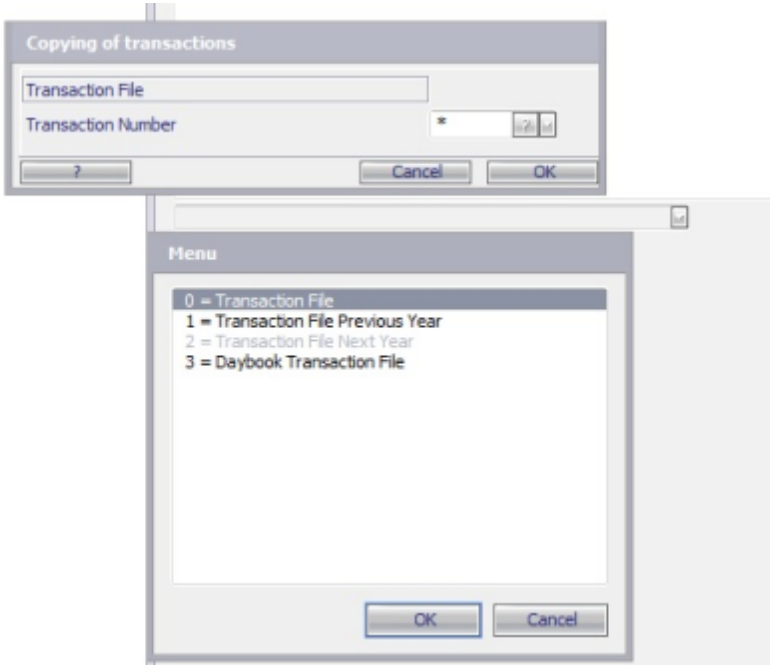
Solution Details – Copy Transactions (2/4)

- By default transactions for copying are taken from the current year transaction file.



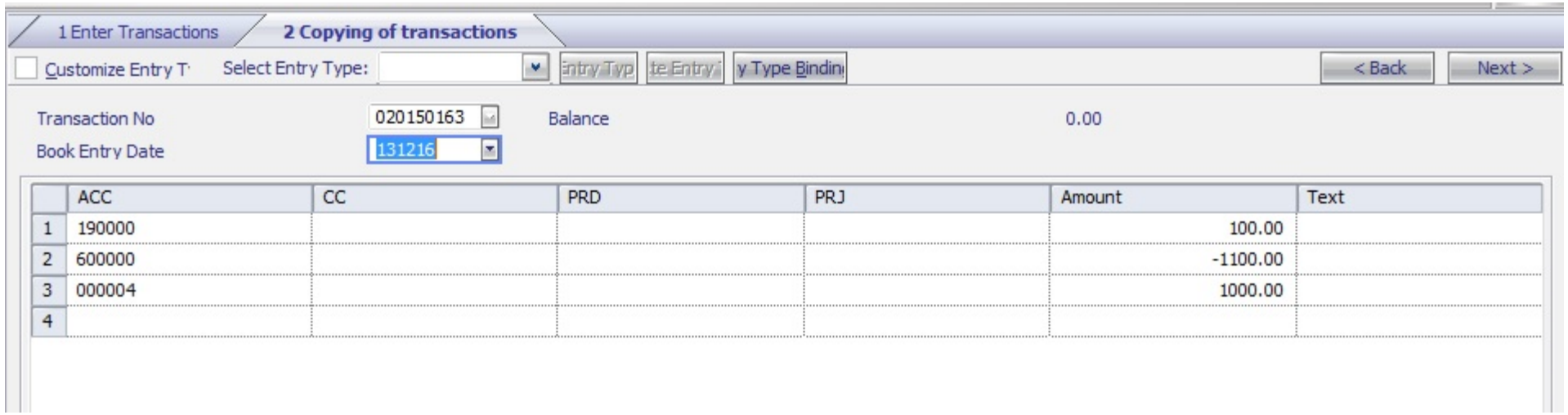
Solution Details – Copy Transactions (3/4)

- Also there are options to copy transactions from the previous year transaction file (if it exists), from the next year transaction file (if it exists) and from the day-book journal (not updated transactions). Enters “*” to switch to the option for transaction file selection.



Solution Details – Copy Transactions (4/4)

- After selection the transaction appears on the screen with the current system date and can be adjusted as it is necessary.



Logistics

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Inventory & Purchase Management

Additional Warehouse security and controls

- Mark Warehouse as “Bonded”
- Block warehouses for all transactions except counting

Support for Multiple Supplier On-Cost Percentages

New Service Connect Integration Packages for:

- Serial Number Import and Export
- Serial Number History Import and Export
- Warehouse/Item Information Import and Adjustment
- Introduction of multiple Purchase Order Grid screens

Sales and Customer Management

Order Processing Enhancements:

- Manage Multiple Email Recipients
- Contacts listed in the Market Database

iScala CRM 5.0 Integration:

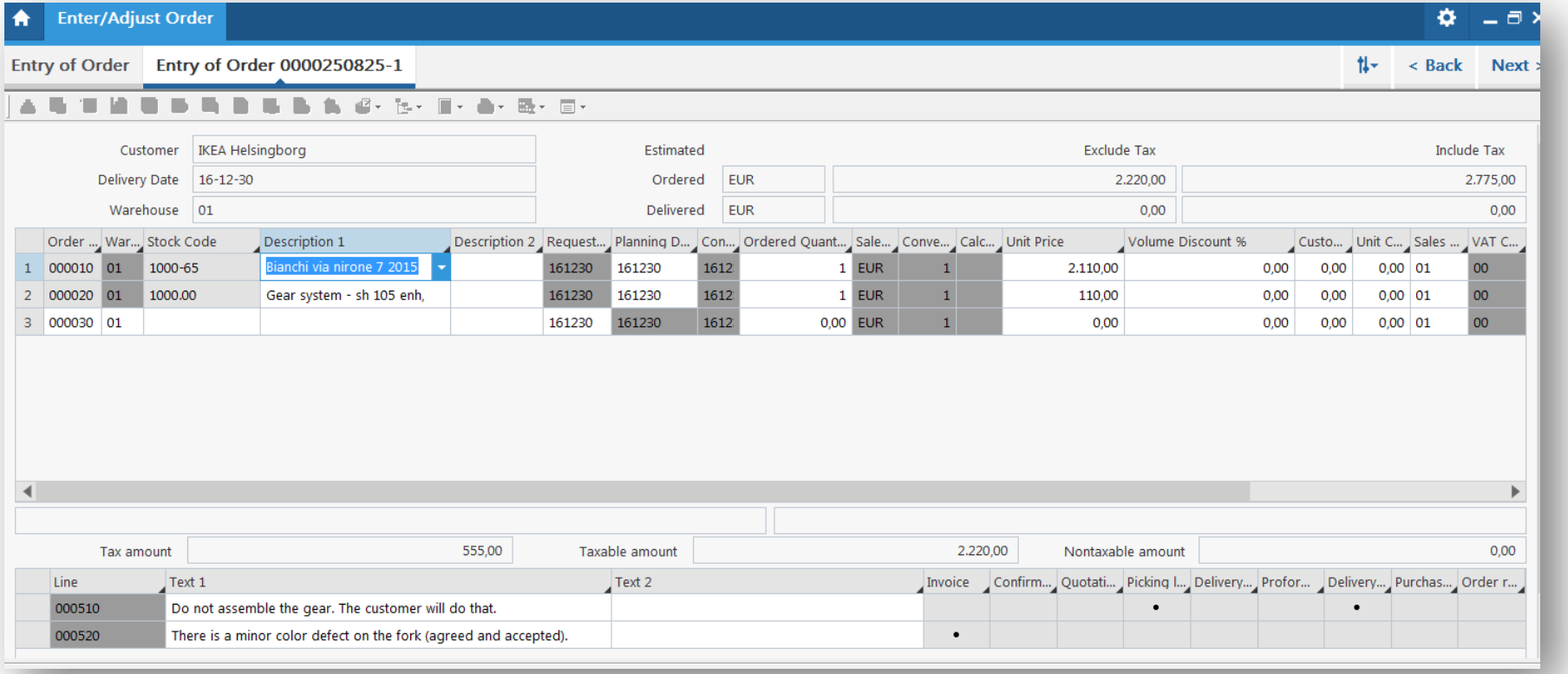
- Integration of Quotations
- Supplier synchronization
- Many-to-One Integration
- Integrate one or more iScala Companies to one CRM Organisation
- Build up a virtual structure of your organisation in CRM

(*) To be completed after GA

Text Lines

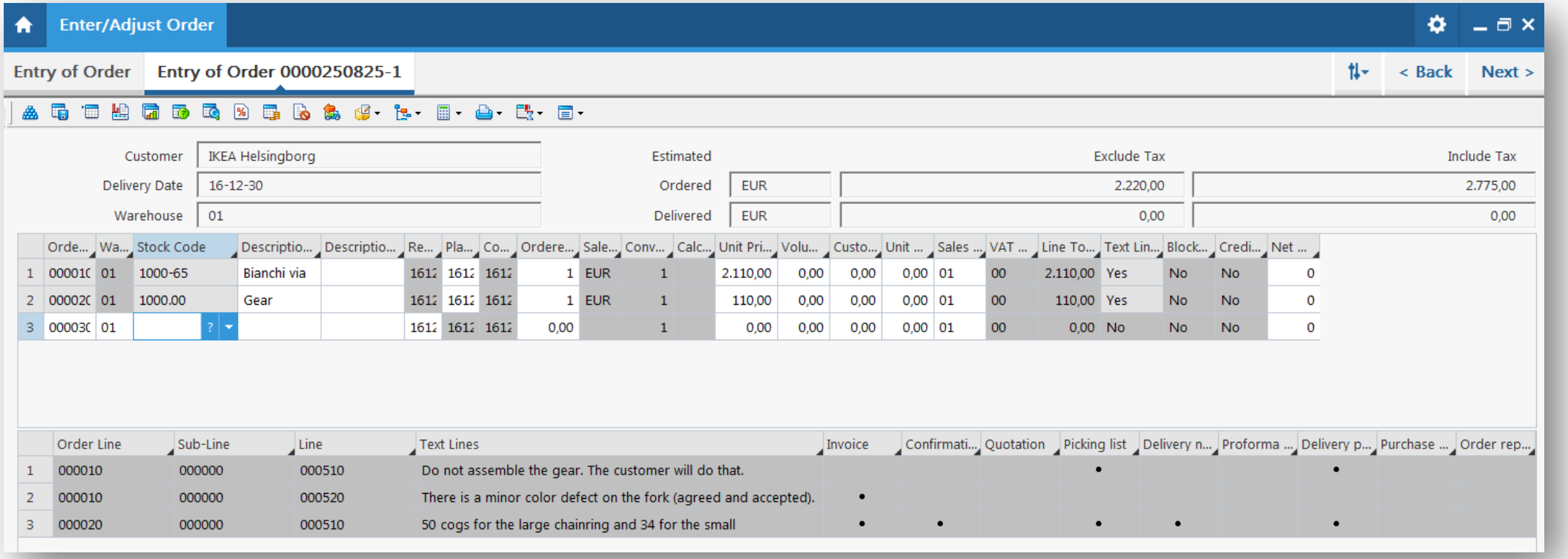
Solution Details (1/8)

- Text line entry with a small grid and only text lines linked to the order line in focus are displayed.



Solution Details (2/8)

- Text line entry with a large grid and all text lines displayed.



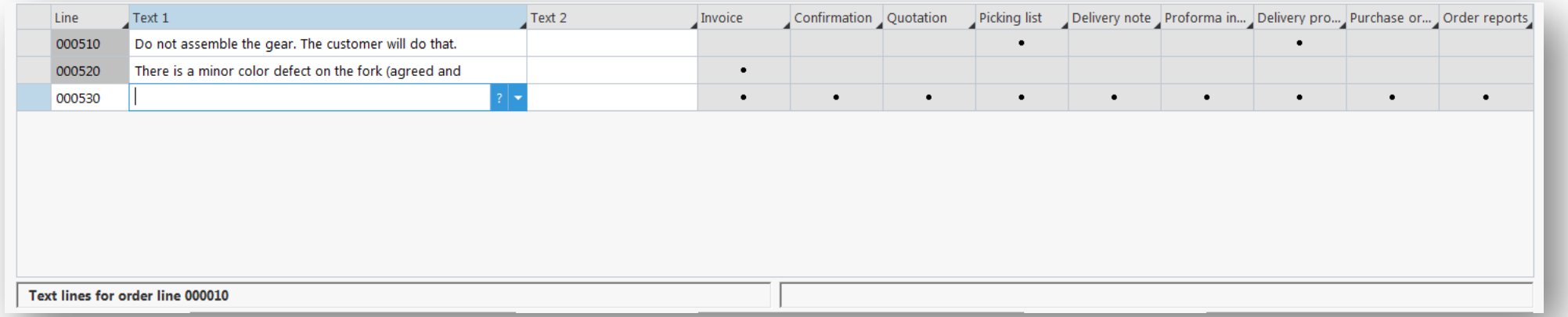
Solution Details – (3/8)

- From the stock code field on the order line the **T**x commands can be used to navigate to the text line grid (**TX** in PC or **TX**, **TZ**, **TQ**, **TC**, **TP**, **TD**, **TE**, **TS** or **TI** in OR).
- In case the text grid mode is set to display text lines linked to the order line in focus, mouse navigation to the text line grid can be used, the default setting is as when the **TX** command is used.
- In case the text grid mode is set to display all text lines, it is not possible to navigate to the text line grid using the mouse.

Solution Details – (4/8)

- When the text line grid is activated the focus is always on a new line.
- When navigate up to the order lines again, the focus is set on the field from where the order line grid was left.

Solution Details – (5/8)

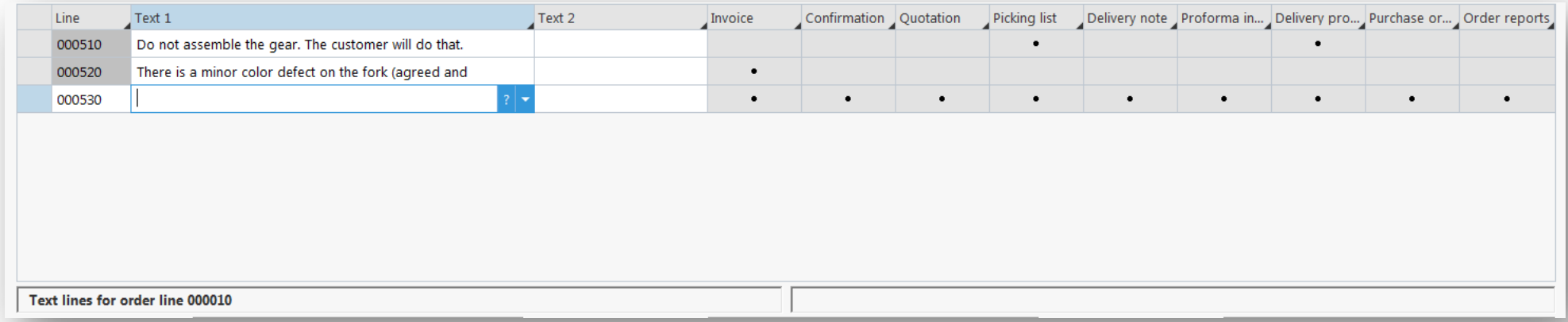


Line	Text 1	Text 2	Invoice	Confirmation	Quotation	Picking list	Delivery note	Proforma in...	Delivery pro...	Purchase or...	Order reports
000510	Do not assemble the gear. The customer will do that.					•			•		
000520	There is a minor color defect on the fork (agreed and		•								
000530			•	•	•	•	•	•	•	•	•

Text lines for order line 000010

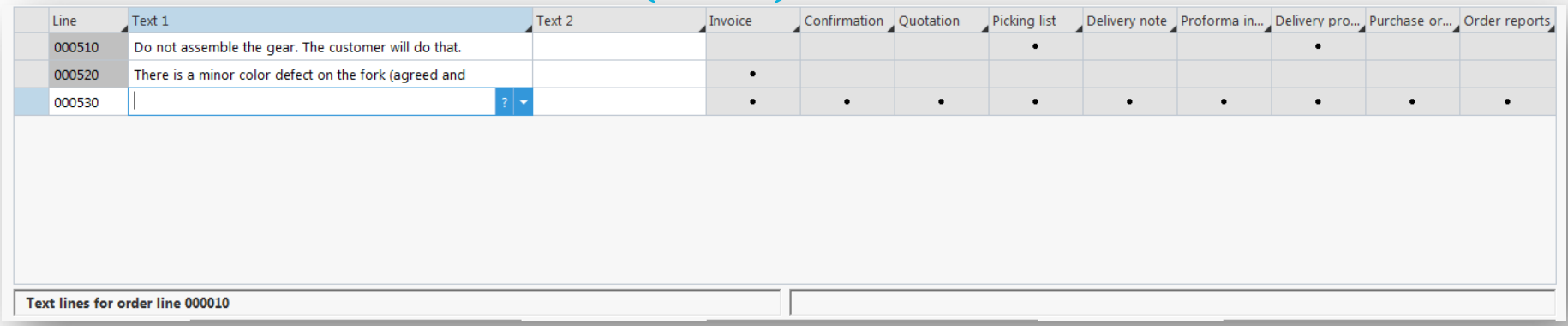
- OR: In the Text 1 field **T**x commands can be used to set the default values for new lines, the same as on the order line.
- The **A** and **B** commands are used to select if the text shall be printed After or Before the order line.

Solution Details – (6/8)

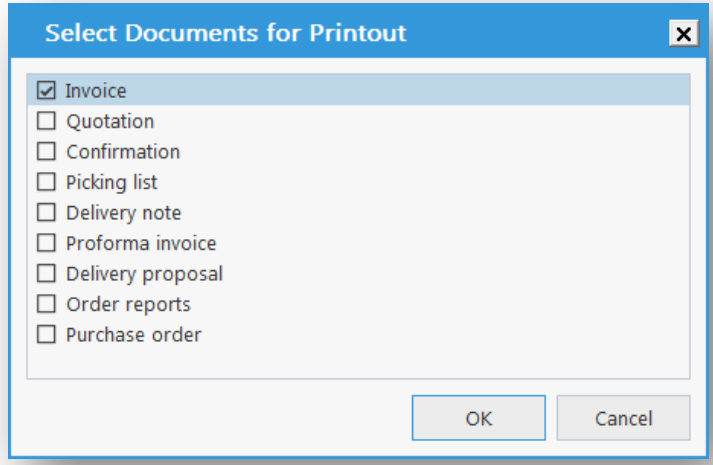


- **.NN** can be used to copy from the Phrase file.
- **?** Query the Phrase file.
- **_NN** to delete a text line.

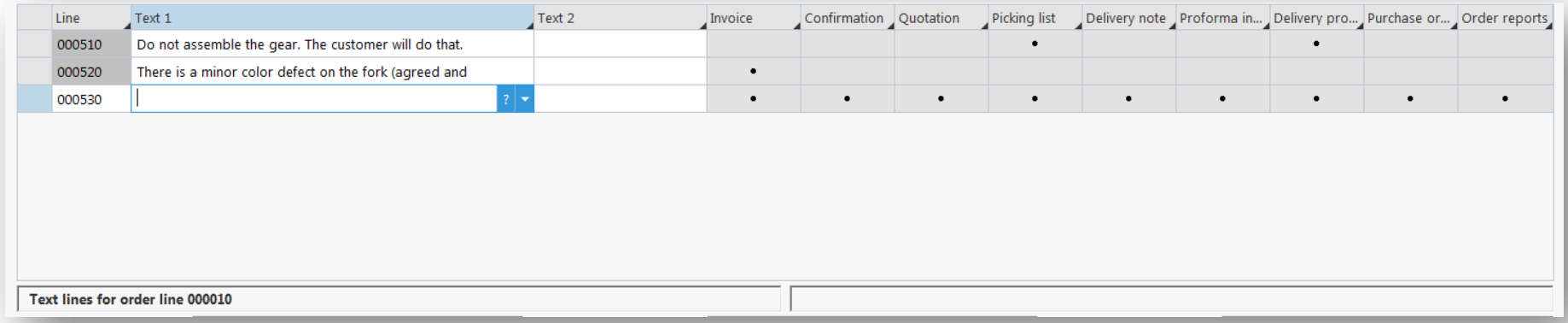
Solution Details – (7/8)



- Instead of the Yes/No flag for printing the text on different documents, the selection/deselection is done by clicking the cell.
- > Can be use to set specific properties for the line.



Solution Details – (8/8)



- The view commands used in the text function is replaced with the sort – selection options available by the grid function.

Production (MPC)

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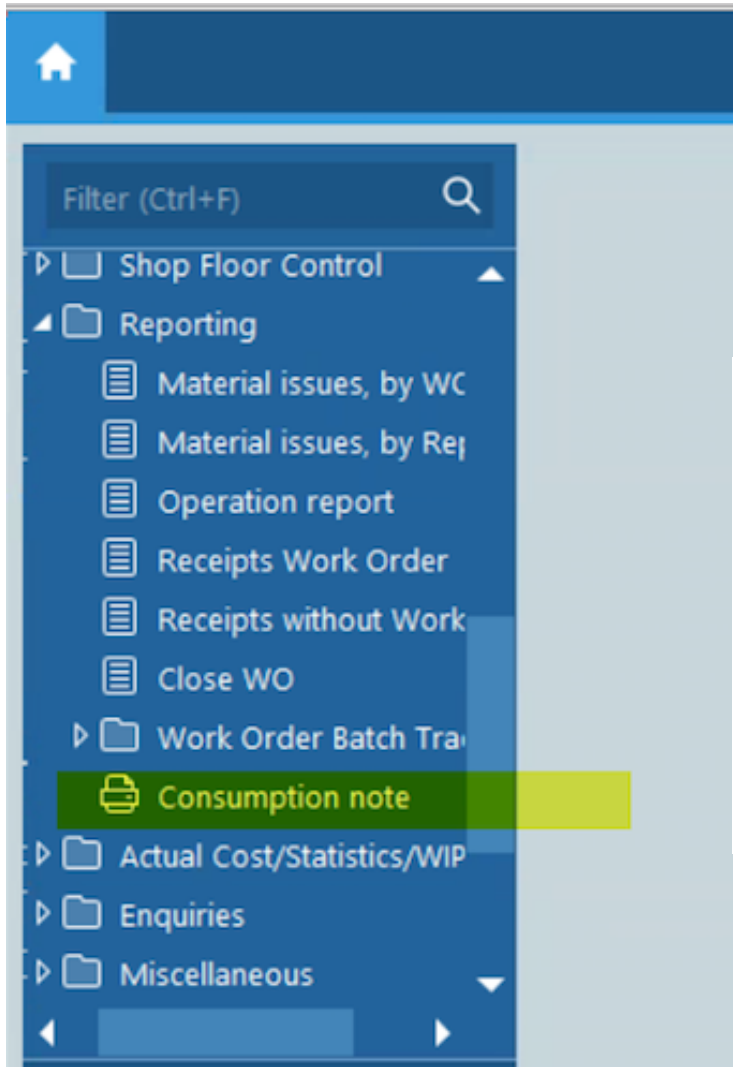

MPC

In MPC there are hardly no changes in iScala 3.1 compared to iScala 2.3 SR3
One exception is the **Consumption Note**.

MPC Consumption Note

A new report was implemented to support production processes - MPC Consumption Note. When goods are withdrawn from a warehouse to a work center, the consumption note can be printed similarly to a delivery note for sales operations.

- Users can setup and adjust **Consumption note counter**.
- Consumption note is included in printout of MPC parameters.
- Users can **print a Consumption note**.

The content of this report is saved into the database and it can be used for electronic reporting purposes.

Miscelaneous

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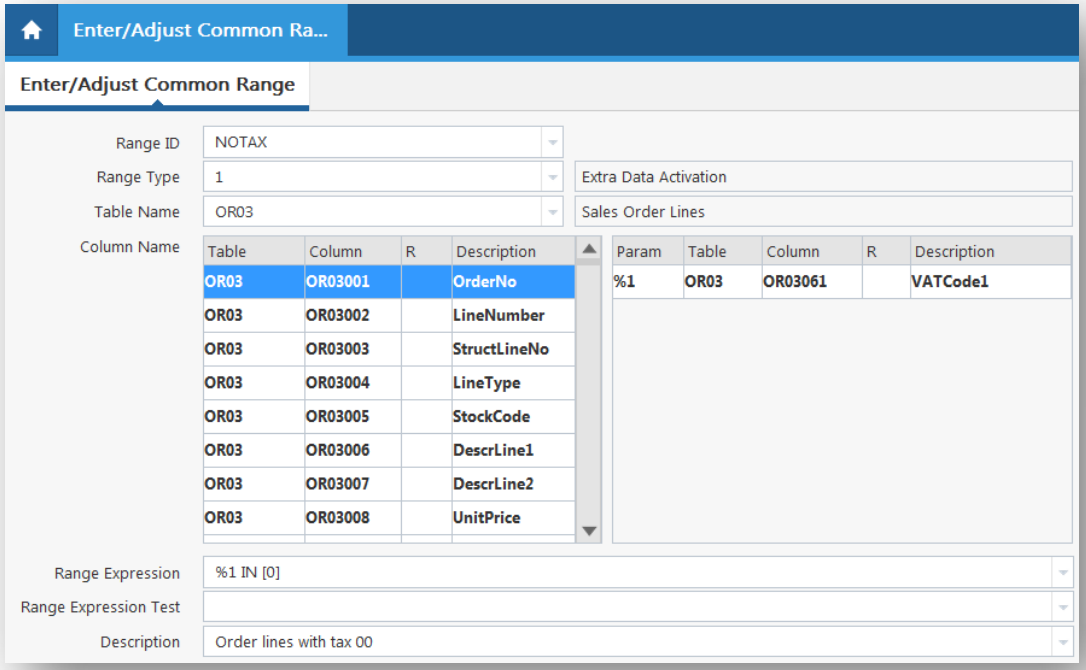
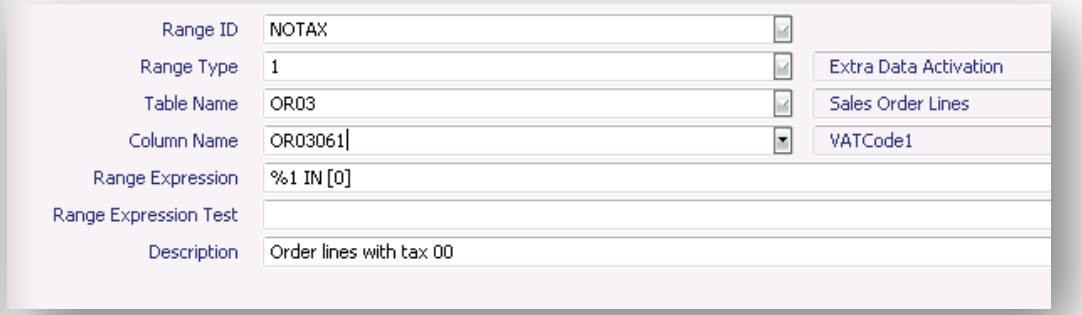
UDDB

Feature Overview – Solution Details (1/7)

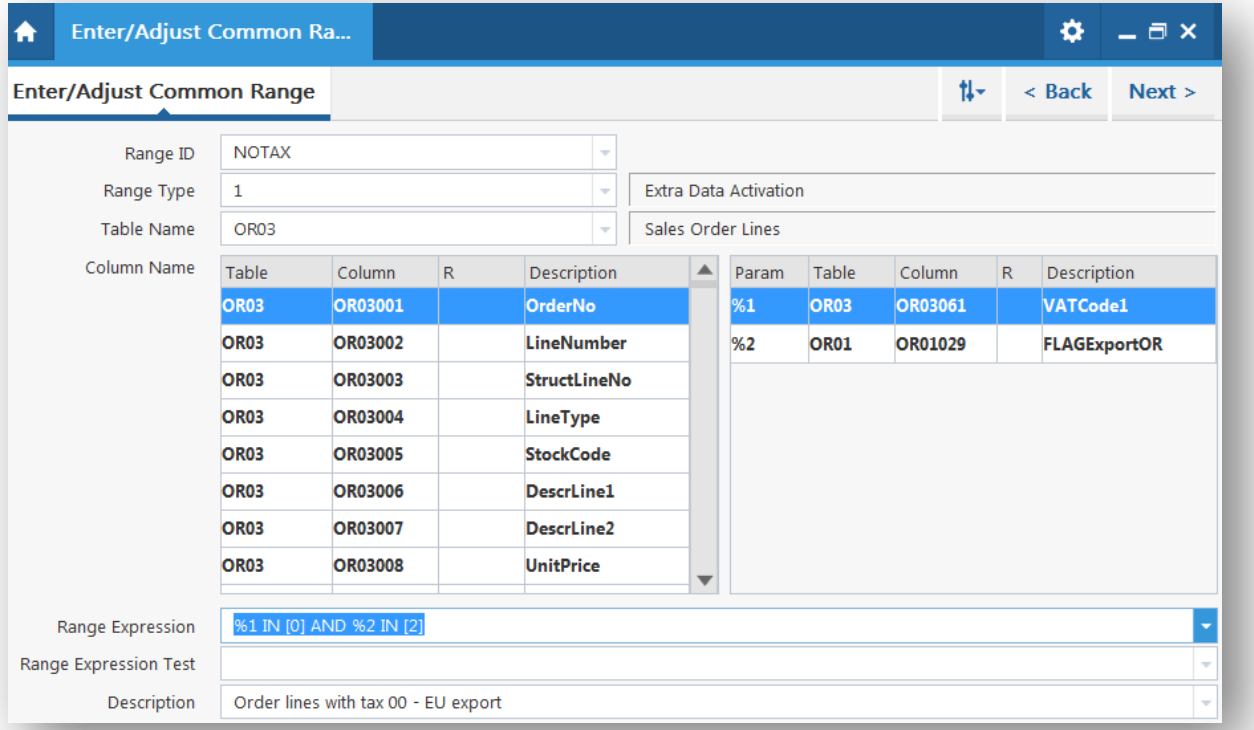
- Below is the definition of the same range. The screen on the left shows the common range entry in 3.1 while the screen on the right is from an earlier version.





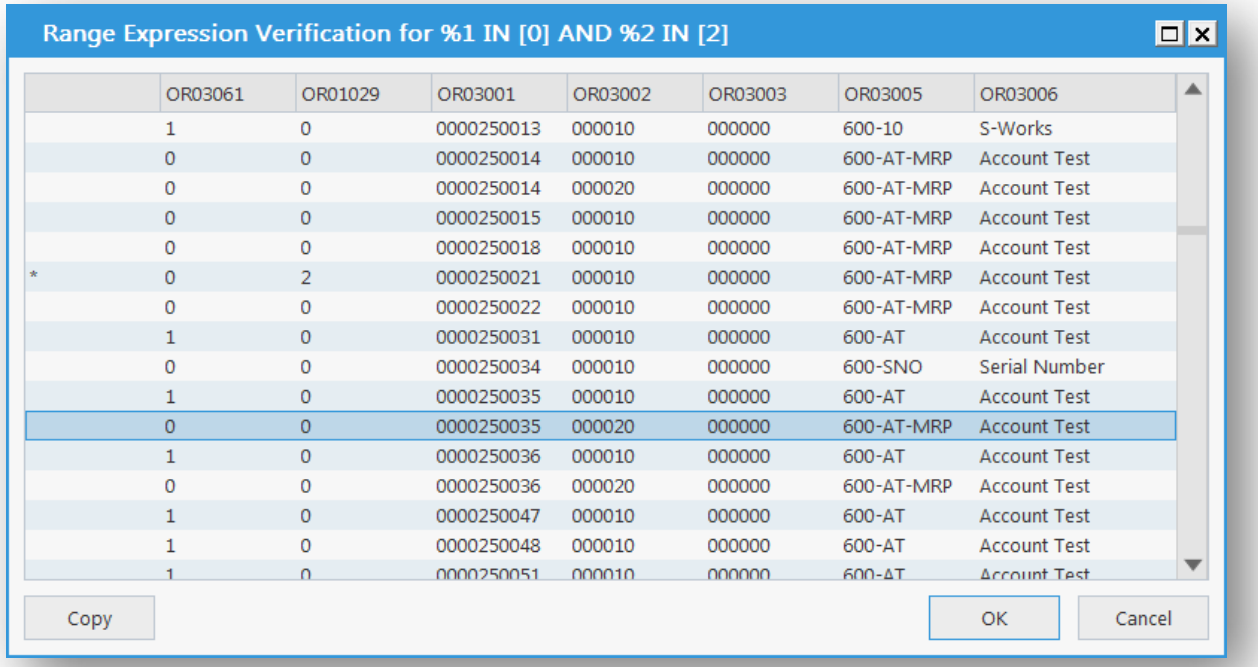
Feature Overview – Solution Details (2/7)

- An additional parameter is added by select the corresponding field in the left list and hit the right arrow key.
- A parameter is removed by select it in the right list and hit the left arrow key.
- A range can define up to seven parameters. It's not necessary to use all parameters in the expression.
- The additional parameters can be used to create an expression which defines an exact sub-set of items in the object table.



Feature Overview – Solution Details (3/7)

- The test of the range expression displays all parameter fields. As in the previous versions, the records which belongs to the subset defined by a “*”.



Feature Overview – Solution Details (4/7)

- The purchase order line supports definition of parameters from linked purchase order header and stock code. The purchase order header supports definition of parameters from the linked invoice- and order supplier.
- The sales order line supports definition of parameters from linked order header and stock code. The sales order header supports definition of parameters from the linked invoice-, order- and delivery customer.
- The customer invoice supports parameters from the linked customer. The supplier invoice supports parameters from the linked supplier.

Feature Overview – Solution Details (6/7)

- In some cases, an object table can include multiple instances of the same parameter. In such case, the instances are separated by codes in the R-column. e.g. the Invoice customer is denoted by “I” and the order customer is denoted by “O”.

Feature Overview – Solution Details (7/7)

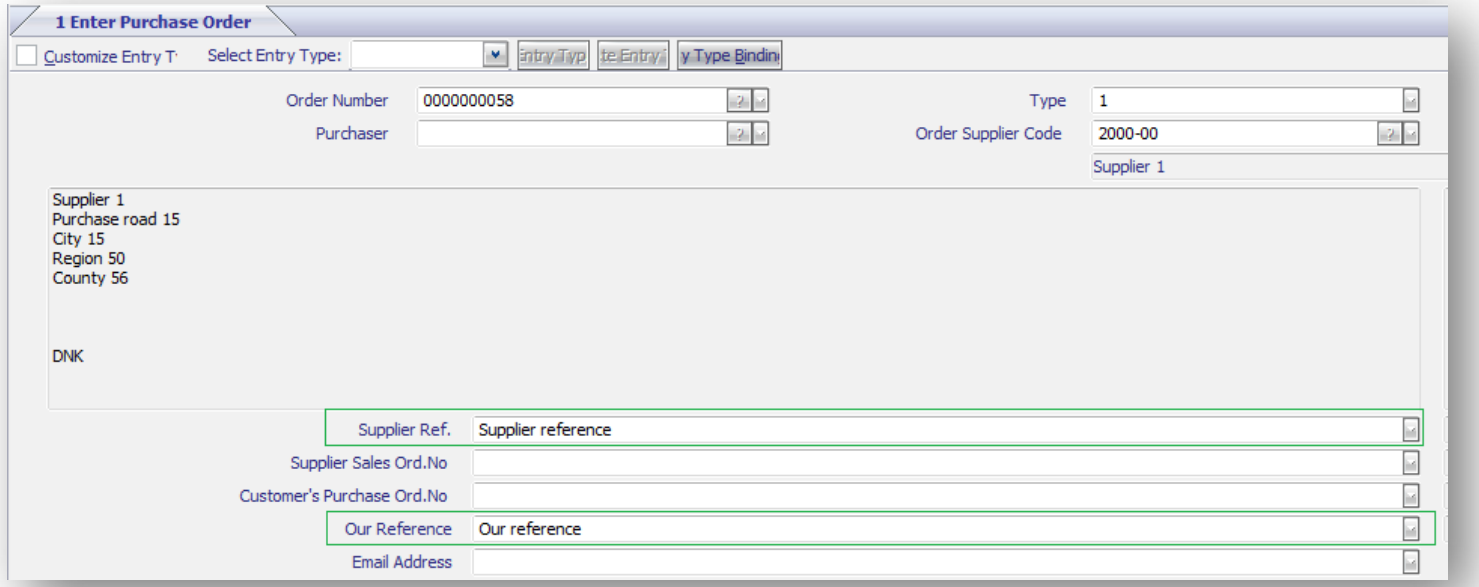
- The entry of default UDDB values has been extended.
  - A new (0-2) property has been added.
    - 0 ⇔ The field is optional.
    - 1 ⇔ The field is mandatory and cannot be left without content.
    - 2 ⇔ The field is not used and is disabled.
  - For date fields, there is an option to initialize the field using the current system date.
  - Due to the “wider” scope of the function, the entry has been renamed to “Field Properties”.
- Ranges with multiple parameters are supported.

Field Length Extensions

Solution Details (1/6)

Purchase Order → Order Entry/Enquiries → Enter/Adjust Purchase Order

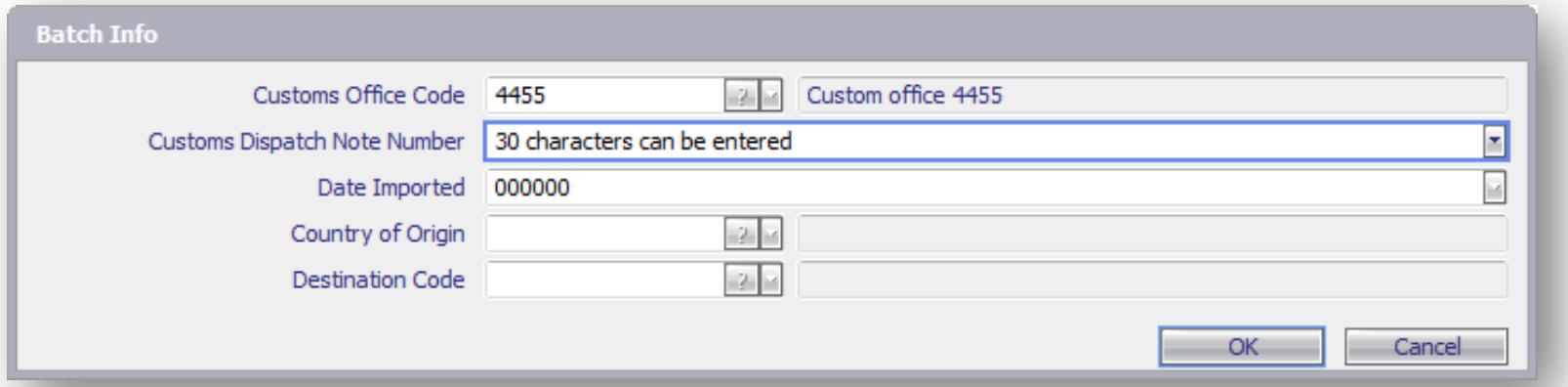
Purchase Order → Miscellaneous → Import Purchase Orders



- Supplier and Our references are extended to 35 characters.

Solution Details (2/6)

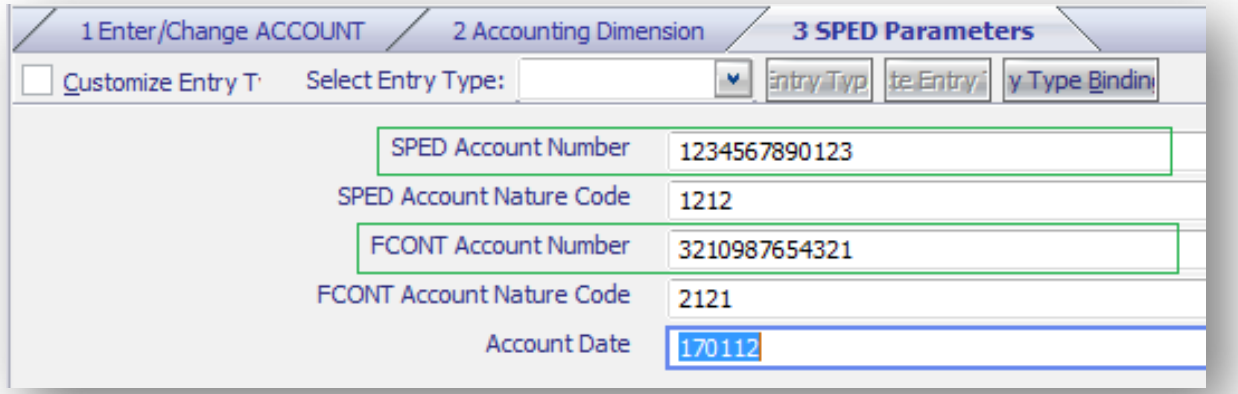
Purchase Order → Deliveries/Invoices → Enter Delivery Note
Purchase Order → Deliveries/Invoices → Enter Invoices
Stock Control → Stock Items/Enquiries → Other Stock Files → Batch Information
Stock Control → Transactions → Enter Transaction → Stock Received



- Customs Dispatch Note Number is extended to 30 characters.
  - The Custom office information is activated by FAK 140.

Solution Details (3/6)

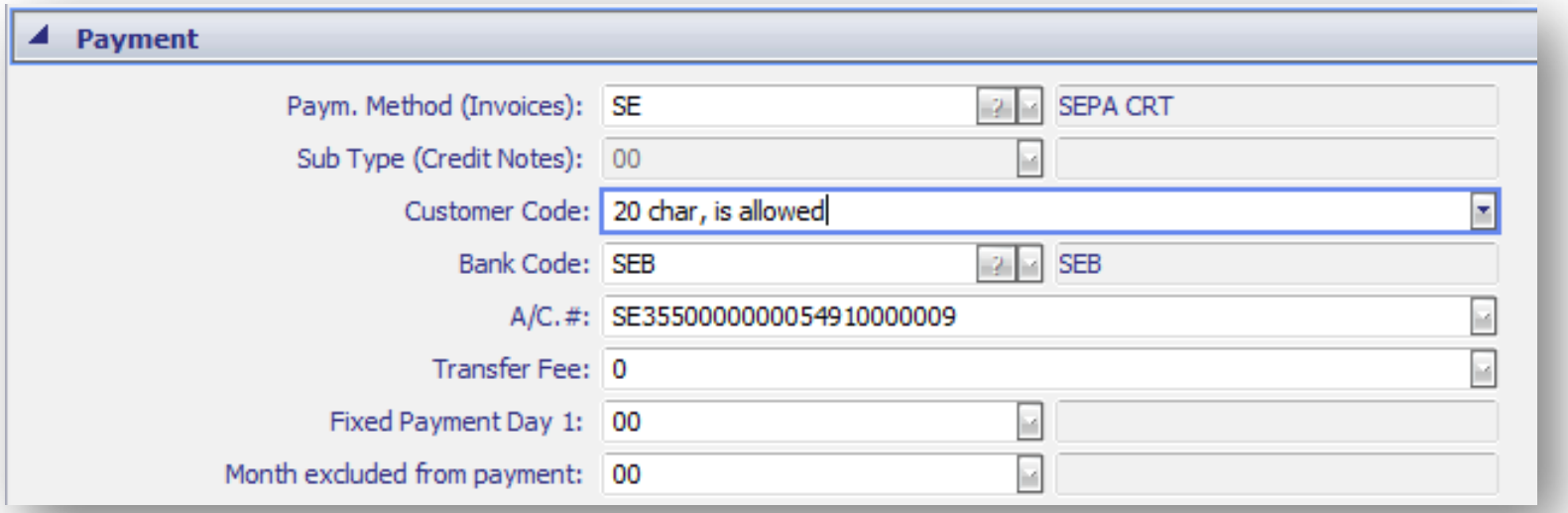
General Ledger → Chart of Accounts/Enquiries → Chart of Accounts → Enter/Change Accounting Dimension – Accounts



- SPED and FCONT Accounts are extended to 13 characters.
  - The fields are used in Brazil reports (FAK392).

Solution Details (4/6)

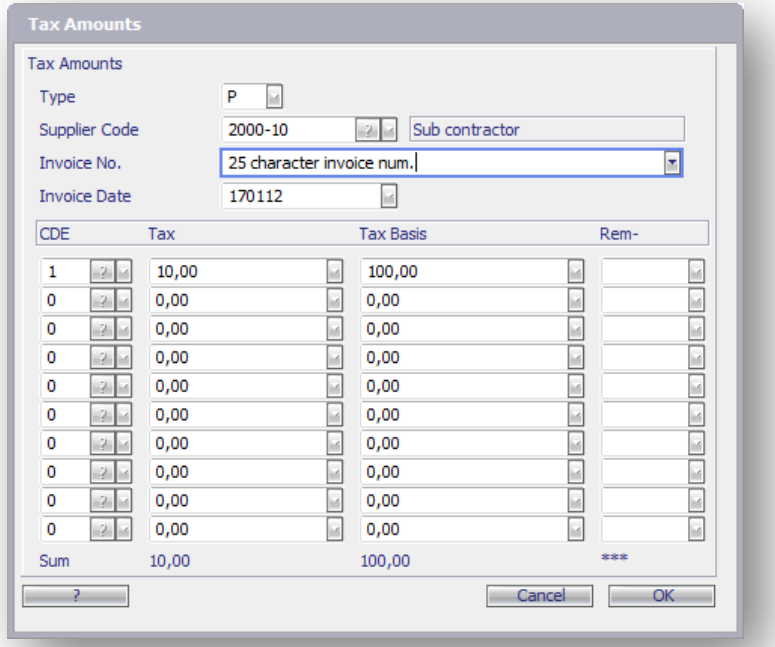
Purchase Ledger → Supplier File → Enter Suppliers



- Customer code is extended to 20 characters.

Solution Details (5/6)

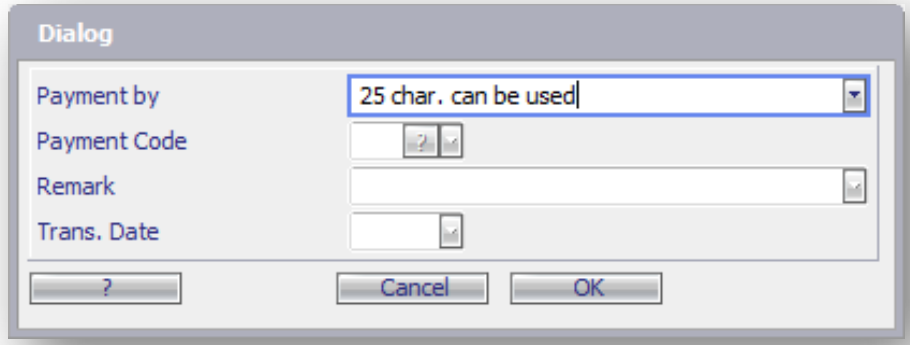
General Ledger → Transactions → Enter Transactions



- Invoice Number is extended to 25 characters.
  - To have the possibility to enter the same invoice number as in PL.
  - The account shall use special function 12 to open this screen.
  - PL parameter “Save Tax Transactions” shall be set to Yes.

Solution Details (6/6)

Sales Ledger → Payments/Journal/CashFlow → Enter Payments → Invoice Payment
Sales Ledger → Miscellaneous → Special Utilities → Import Payment File → Import Payment File
ESC → Customer Payment In
Sales Ledger → Reports/Statistics → Balance Report → Balance List Detailed

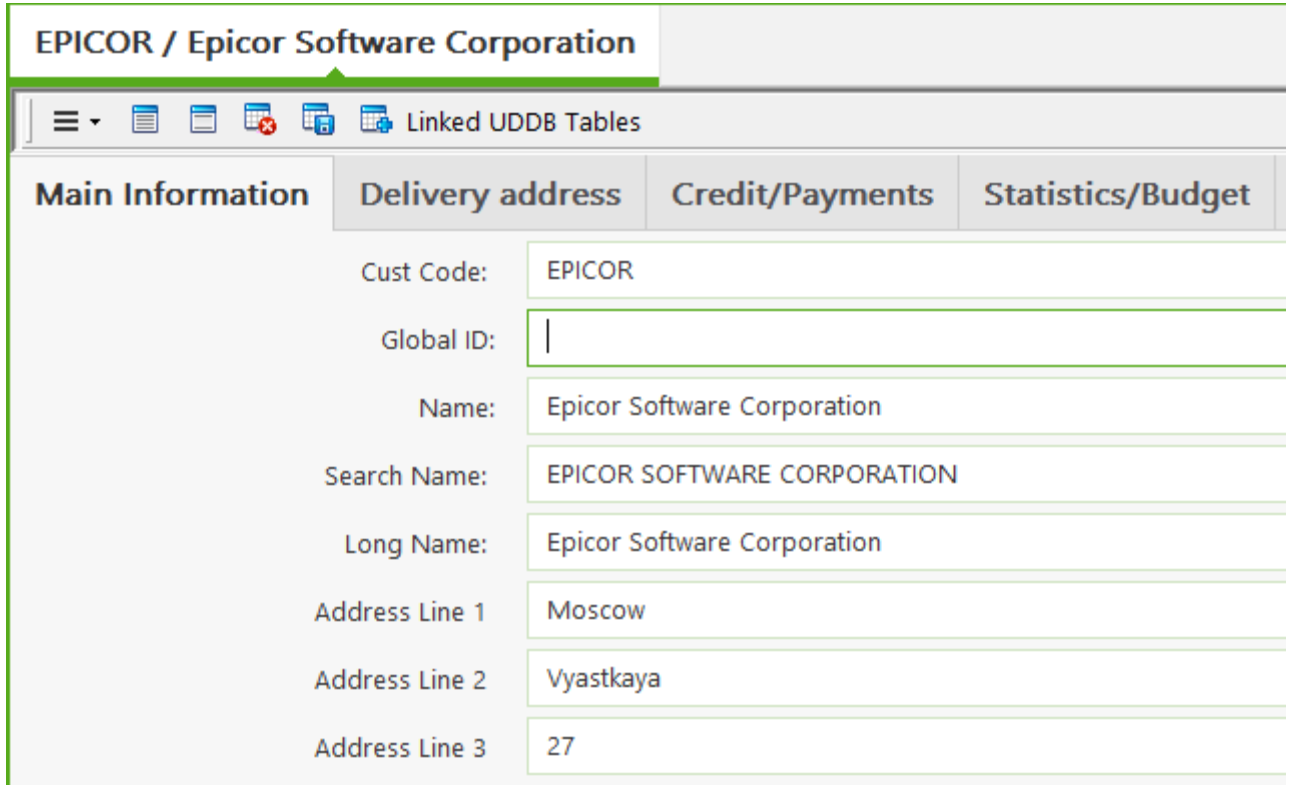


- Payment By is extended to 25 characters.
  - This is to be able entering 25-character bank reference numbers which are used instead of check numbers by some banks.
  - SL parameter Extended Payment Info shall be set to 1 or 2.

Consolidated Forms Extensions

Feature Overview – Solution Details

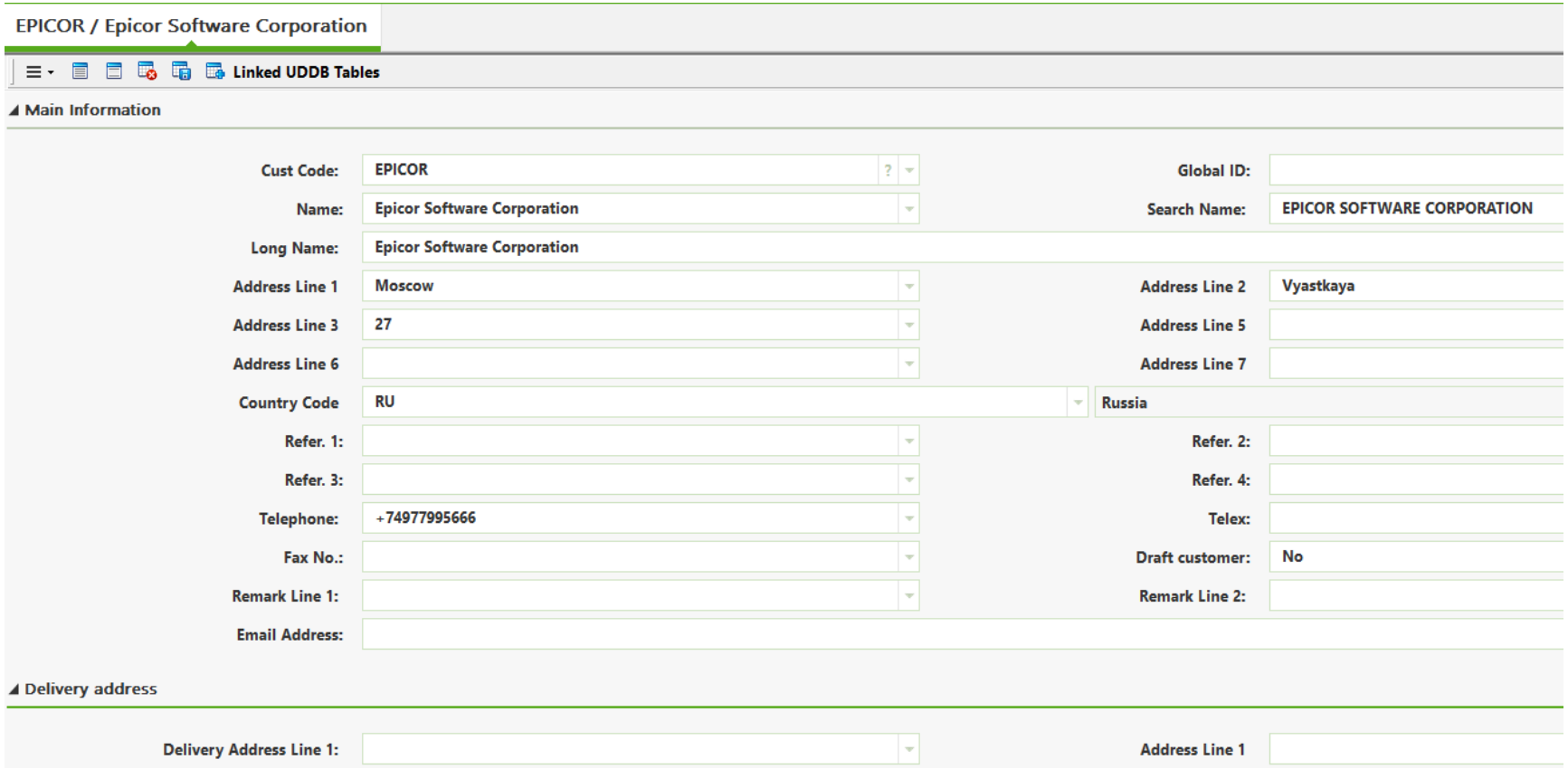
- Tabbed view is used by default



Feature Overview – Solution Details

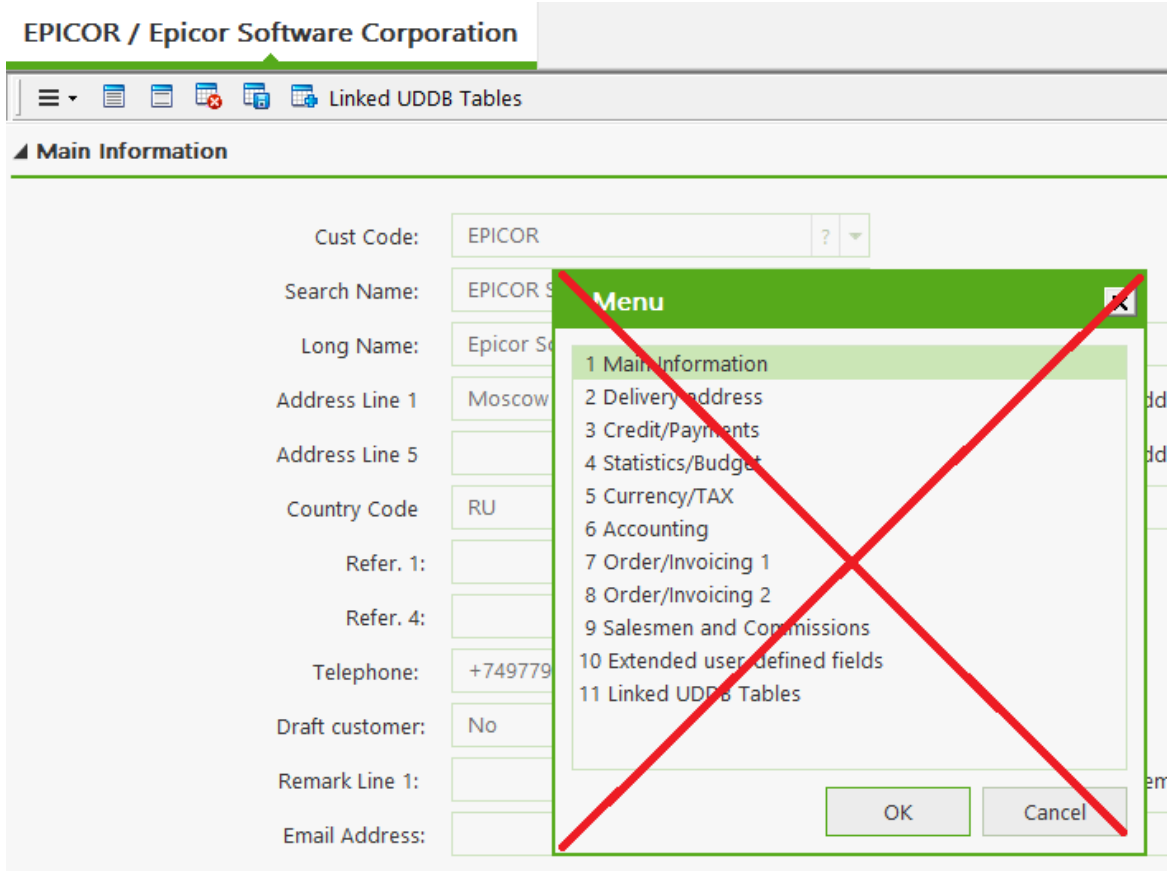
- **Grouped view can be used as an option**

(Tools) -Options – Miscellaneous – Multi tabs entry form shall be deactivated



Feature Overview – Solution Details

- **Pop-up menu is not shown**
  neither when user selects an object nor when presses PgUp/PgDn



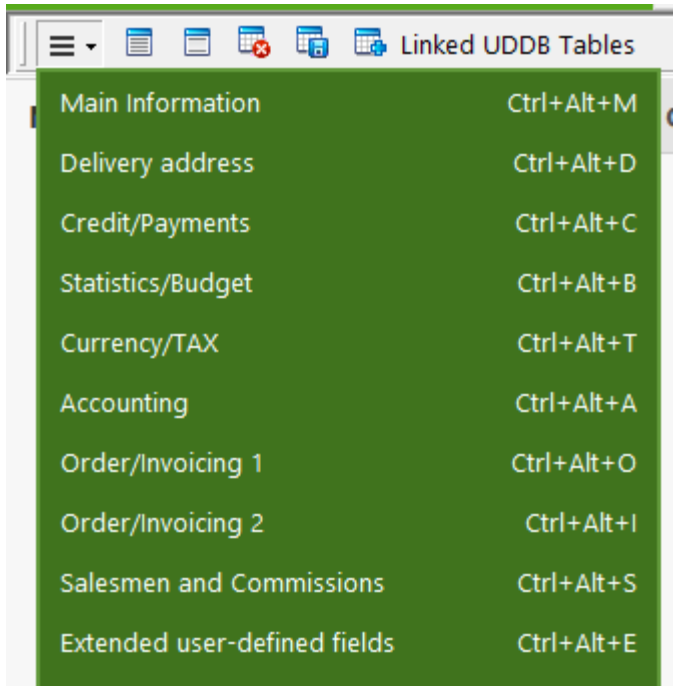
Pressing PgUp/PgDn makes previous/next sub form active

SDF file setting that controls appearing of the menu is removed

Pop-up menu is replaced by Hamburger button

Feature Overview – Solution Details

- **Hamburger button can be used to navigate to sub forms**
  Short cuts are available for quick access to sub forms.

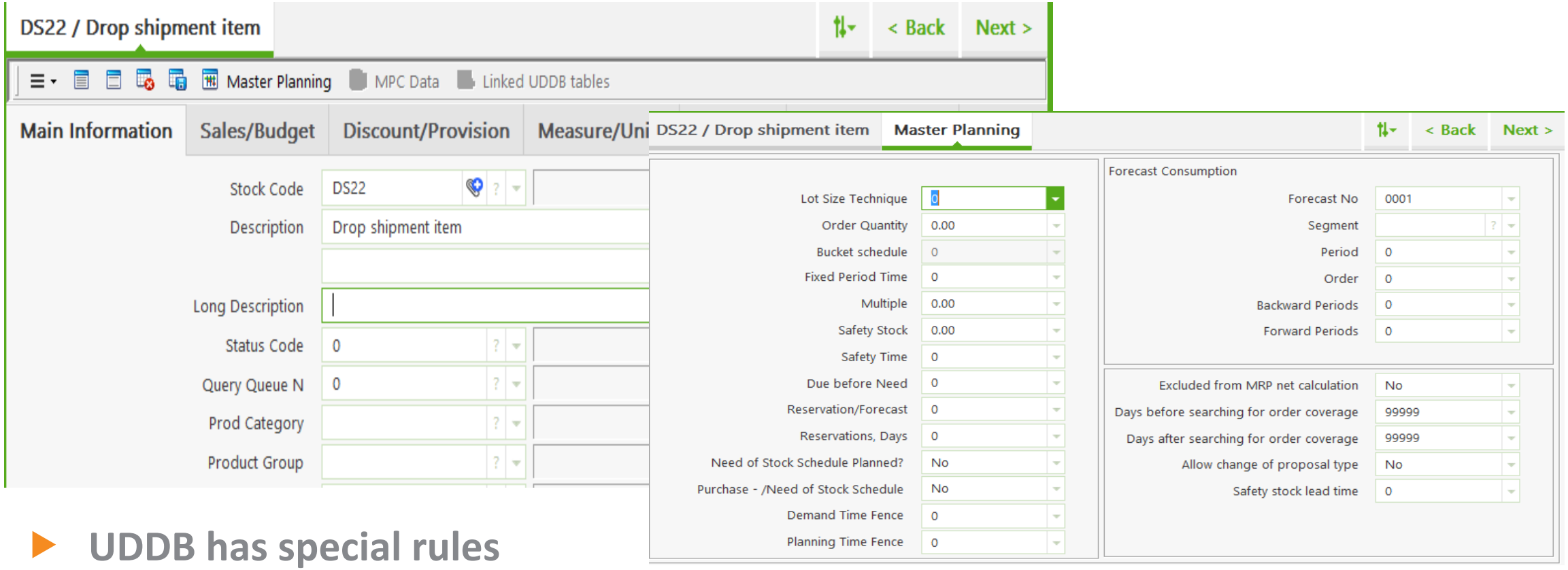


To select a separate form (like “Linked UDDB tables”), a button or it’s short cut shall be used.

Short cuts are changed from Ctrl+digit to Ctrl+Alt+letter

Feature Overview – Solution Details

- **Separate form is shown only when button or its short cut is selected**
  It is not shown on saving, so user has to select the button explicitly if has to adjust data



- **UDDB has special rules**

Feature Overview – Solution Details

- **Mandatory UDDB**

  UDDB entry form is shown on saving

- **Optional UDDB**

  FAKs control if UDDB entry for shall be shown on saving:

  Customer Entry : Sales Ledger – Suppress automatic appearance of UDDB entry form for optional UDDB (340)

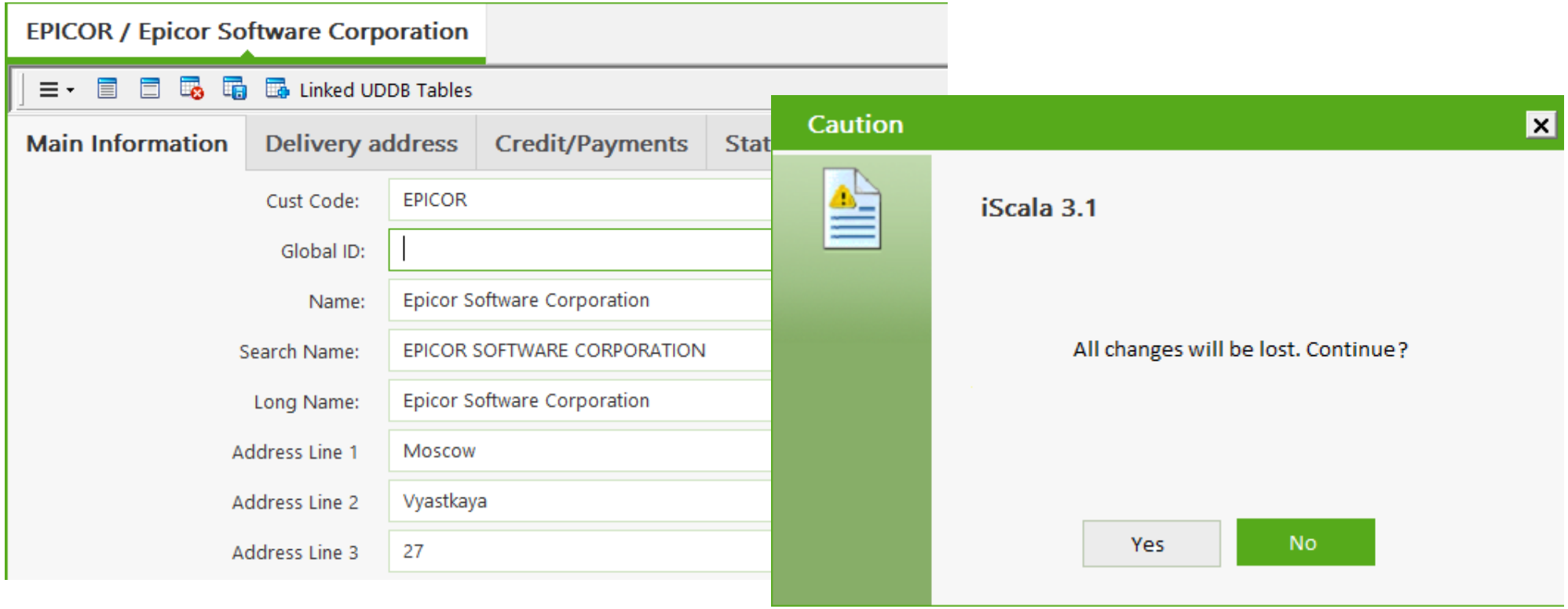
  Stock Item Entry : Stock Control – Suppress automatic appearance of UDDB entry form for optional UDDB (500)

  Asset Entry: Asset Management - Suppress automatic appearance of UDDB entry form for optional UDDB (498)

  Supplier Entry : No FAK (limitation). UDDB entry form is shown on saving for optional UDDB.

Feature Overview – Solution Details

- PgUp pressed on first sub form causes a warning

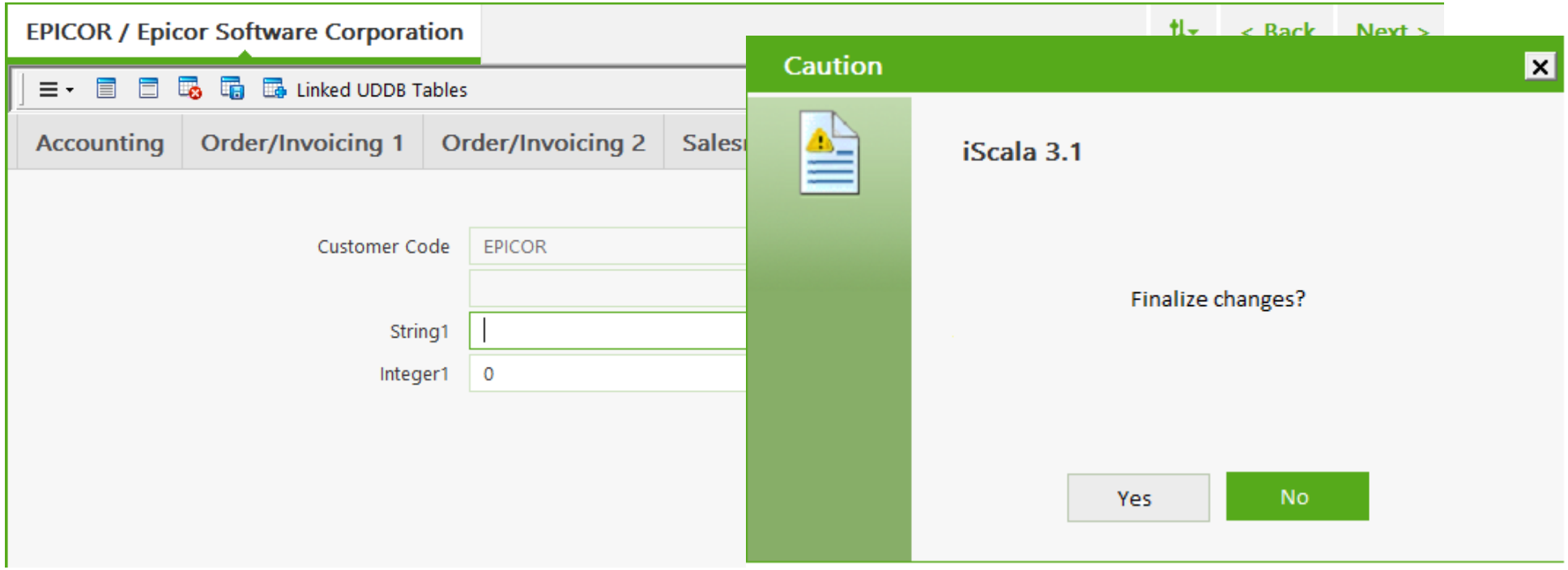


Yes makes changes cancelled, system then waits for selection of another object

No returns focus to consolidated form.

Feature Overview – Solution Details

- PgDn pressed on last sub form causes a warning

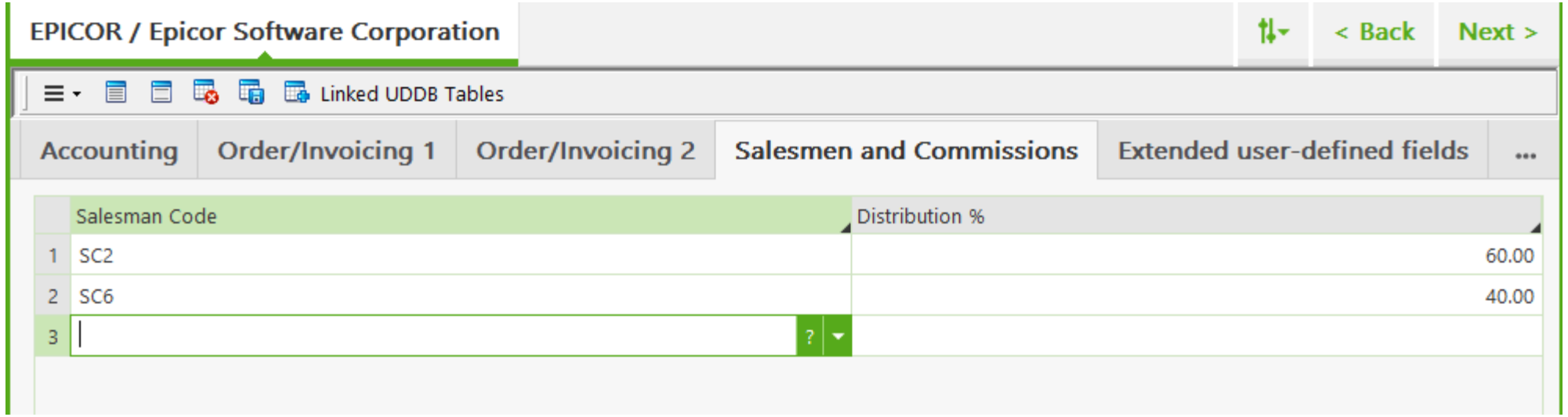


Yes causes current object saved. System does not show separate forms on saving, so user has to select the related button explicitly if s'he needs to edit data on separate forms.
No returns focus to consolidated form.

Feature Overview – Solution Details

- **Several separate form became sub forms**

In iScala 3.0 FSP4, they were available as separate forms activated by buttons.



Customer Entry: Salesmen and Commissions; Extended user-defined fields

Supplier Entry: Extended user-defined fields

Feature Overview – Solution Details

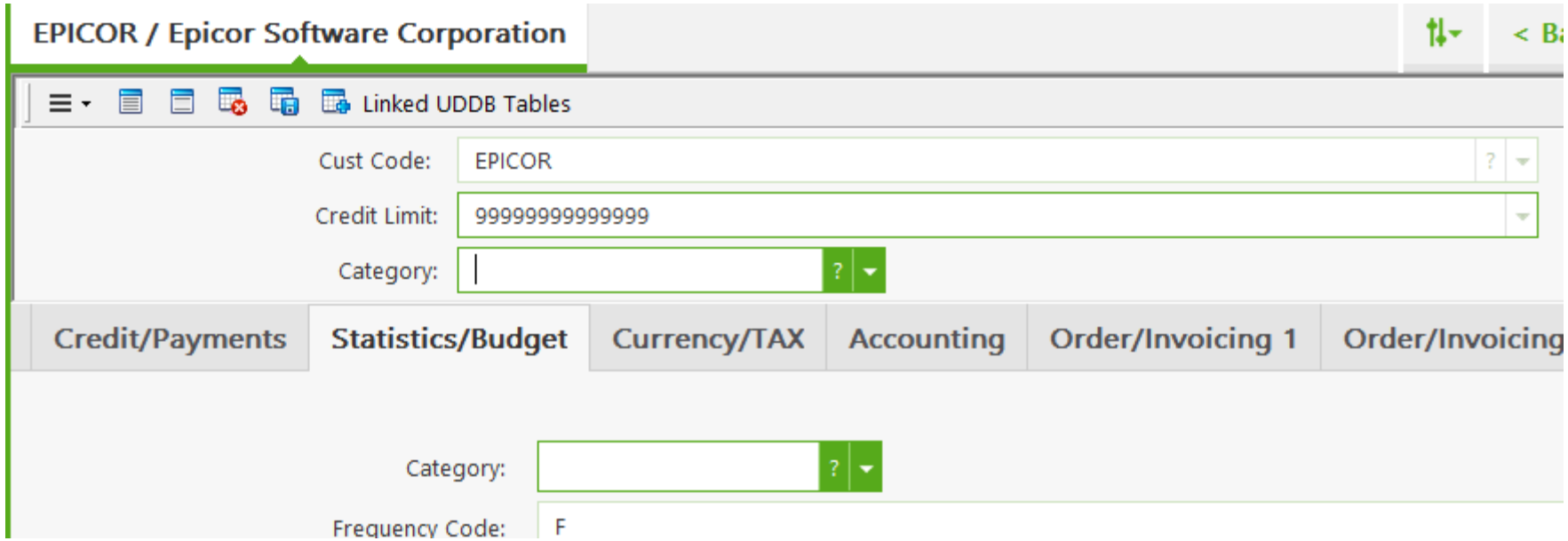
- Toolbar

Button	Comment
Hamburger (Sub Forms)	Shows and allows to select available sub forms in consolidated form. It does not list separate forms (not included into consolidated form) : Master Planning, MPC Data, Linked UDDB tables. For them, separate buttons are available.
Collapse sub forms	Collapses all sub forms except one with a focus. It has no effect in tabbed view.
Expand sub forms	Expands all sub forms. It has no effect in tabbed view.
Cancel	Cancels changes of the object and clears all fields in the consolidated form. To cancel changes and exit to main menu, click twice.
Save and New	Saves changes of the object and clears all fields in the consolidated form. To save and exit to main menu, click Save and New, and then Cancel.
Linked UDDB tables, MPC Data, Master Planning, …	Shows separate form.

Concept of toolbar is not changed from iScala 3.0 FSP4.

Feature Overview – Solution Details

- Customization area



Fields from different sub forms can be moved to common customization area.

Concept of customization area in consolidated form is not changed from iScala 3.0 FSP4.

Feature Overview – Limitations

- Enquiry programs are not enhanced with consolidated form.
- Several forms (e.g. Master Planning in stock item entry, or UDDB) are still shown as separate forms.
- Fields from the separate forms cannot be placed to common customization area.
- Before separate form is shown, object is saved. After object is saved, changes cannot be cancelled.
- VBA projects created for affected programs shall be manually adjusted.
- When UDDB is optional, UDDB entry form is shown on saving of supplier.

Service Packs: Detailed information Finance

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Finance – functions PL I

- User Defined Fields for PL Invoice.
  The functionality provides the user with additional fields that can be used to record additional information/references for the **Purchase/Supplier Invoice** in the **Purchase Ledger**. The functionality is available only if **Activate Extended User Defined Fields for PL Invoice (418)** feature activation key is enabled.
- Control of Adjusting Supplier Blocking Actions
  The system now allows to control which user shall be allowed to select blocking template functionality is supported by **Allow selecting supplier blocking template** permission.

Finance – functions PL II

- User Defined Fields for PL Invoice.
  The functionality provides the user with additional fields that can be used to record additional information/references for the **Purchase/Supplier Invoice** in the **Purchase Ledger**. The functionality is available only if **Activate Extended User Defined Fields for PL Invoice (418)** feature activation key is enabled.
- SL and PL Invoices Reversing
  The functionality covers updated invoices reversing in SL and PL modules. New permissions are added in the **Administration Console** to control reversing of the existing invoices.

Finance – functions PL IV

- Payment to Multiple Accounts (G rekening)
  The functionality covers possibility to pay an invoice to different bank accounts in the same bank file when using SEPA. The basic idea is to reuse the installment functionality extended with the possibility to specify (per supplier and installment number) the account to be used for the payment. User can now specify (for each installment) a description that clarifies the purpose of the installment; and also is able to make the payment of several installments of an invoice at the same time (i.e. included in the same payment proposal and file sent to the bank.) The functionality is supported by the following enhancements:
  - **Payment Terms** - extended with **Instalments Description** tab;
  - **Bank Information** - extended with **Instalment No** screen;
  - **Suppress date warning for installments (463)** feature activation key;
  - **Allow Configuration of Installments Linked to Accounts** permission.

Finance – functions PL V

- Automated PL Invoice Journal Posting
  The capability to **schedule** back-office jobs to automatically post PL Invoice Journal and Supplier Invoice Journal is implemented. Journals can be posted according to a pre-defined schedule or immediately after successful import via ESC, and range can be selected for PL or Invoice Journal transactions to be imported.
- Splitting of Invoices for Multiple Payment Dates
  New functionality - Splitting of Invoices for Multiple Payment Dates is implemented. The functionality is supported by **Split Invoices for Multiple Payment Periods (481)** and **Do not split taxes between invoices with multiple payment periods (482)** features activation keys.

Finance – functions PL VI

- Invoice Supplier in Purchase Orders
  The enhancement covers updating of purchase order entering - two new fields are added to supplier definition and purchase order header: **Main Supplier** and **Invoice Supplier Code**. **Supplier In** and **Purchase Order In** busdocs are also enhanced with new elements.
- Voiding of Customer-Supplier Payments
  You can void payments that were earlier entered manually for **PL invoices** and **SL invoices**. It is not necessary to create a new credit note and the belonging payment transaction in reversed direction to reverse erroneous payment transactions. After you select an invoice payment, the system voids it and reverses the payment record in the ledger directly with creating a new accounting transaction in the payment journal that contains the opposite transaction lines as the original transaction. The functionality supports the handling of cash discounts and withholding taxes as well.

Finance – functions PL VII

- Reversing of Paid SL and PL Invoices
  The functionality to allow reversing paid invoices is implemented in **Sales Ledger** and **Purchase Ledger** modules. It is controlled by the **Allow reversing for paid invoices (487)** and **Allow reversing for paid invoices (488)** feature activation keys in PL and SL respectively.

Finance – functions SEPA I

- Support of Multiple PL Payment Proposals
  The support of multiple payment proposals is implemented in the **Purchase Ledger** module. The user can **create** multiple payment proposals, that can be **adjusted**, **removed** or **processed**.
- Payment Notification
  SEPA automatic payment now has an option of printing payment notifications for informing suppliers about payments sent to the bank..
- Support the pain.001.001.03 format (Customer Credit Transfer)
  The functionality covers supporting of credit transfer xml format i.e. the ability to produce xml files in the Pain.001.001.03 format.

Finance – functions SEPA II

- Sending Email Notifications on SEPA Processing Results The functionality covers enhancements in notifying users on SEPA processing results, and is supported by **Enable**
  Email Notifications routine, **GeneralEmailNotification email template**, **General Email Notification** schema, and **InitiatorEmail** process variable.
- Factoring Supplier in SEPA
  If a supplier is selected on the **Factoring/Billing** tab of **Supplier Master**, the automatic payment (proposal) for SEPA is created for this supplier. Factoring/billing name and bank details are retrieved from the factoring supplier.

Finance – functions GL I

- Journal Posting within Transaction
  New feature prevents data inconsistencies that can occur at **General Ledger** update from journal upload system failure or network crash. If some technical errors (system or network crash) occur during the posting process, the feature restore to the state before the journal update.
  The feature is enabled by the **Posting within transaction (422)** feature activation key.
- General Ledger Balance for all Accounting Segments
  The functionality covers supporting of a new General Ledger **balance table (GLEB)** which stores the balance
  per period for all accounting segments and is updated by a new job handler.

Finance – functions GL II

- Extension of Currency Table
  The number of **currency codes** is increased up to 99 (codes from 00 to 98).
- Extended User-Defined Fields in GL Segments
  To provide the user with the functionality of adding more information linked to General Ledger account segments, new feature is introduced - **Activate extended user-defined fields for account segments (484)**. The EUDF fields allow to define maximum 20 fields, with the maximum length of 150 characters for string data types and 20 characters for numeric data types. The data type for each new field can be defined by the user as string, integer, numeric or date. The EUDF fields for GL dimensions can be used for reporting, these can be copied over to other financial years and companies with the existing Copy Chart of Accounts functionality. Application and ESC import and export are also supported.

Finance – functions GL III

- Entering of Additional Cost in Sales Order for Blocked Customer
  The functionality covers entering of additional cost in a Sales order for blocked customer. The functionality is supported by the **Allow to Enter Additional Cost for Blocked Customer** permission. The permission is used under the following conditions:
  • Advanced Credit Check functionality is licensed and activated (**System Utilities - Company Setup - Module Selection, Sales Ledger**).
  • **Sales order entry** parameter in **Blocked operations** section = **Yes**.
  • Customer is blocked by Credit Check.

Finance – functions GL IV

- Credit Control Performance Enhancements
  The advance credit check functionality performance is significantly improved in various routines of **Sales Order**, **Service Management** and **Contract Management** modules.
  The enhancements include:
  • Utilized credit amounts of each contract/sales/service/project orders and direct invoice are updated and stored in the new table -**SLUL**.
  • New company property - **Advanced Credit Check** is added to the **Sales Ledger Group** in **Company Setup**.
  • Orders and direct invoices are recalculated using **Check Sales Ledger** special data function. **SLUL** table is updated with utilized amounts for the recalculated orders.

Finance – functions GL V

- Advanced Credit Control Enhancements
  The system blocks customers for delivery if they exceeded credit limit or have overdue invoices based on provided information about **overdue tolerance period** and **overdue invoice amounts**. You can specify **condition types and ranks** used to perform credit limit and overdue checking processes for suppliers. If the type is met, the system assigns a control status to the supplier and performs actions defined in the **Credit Check Execution Parameters** routine. Customer credit control statuses can be **recalculated** manually.

Finance – functions GL VI

- Copying GL Transactions
  The system now allows users to copy GL (General Ledger) transactions without reversing of amounts in transaction lines. The functionality is supported by **Book Entry Date** parameter commands. Transactions can be copied from four different files: current financial year's updated transactions, previous financial year's transactions, next financial year's transactions, and non-updated transactions (in the daybook transaction file). The program will notify the user that links to other modules are not recreated if the original transaction had such lines. For example, in case of a sales order invoice, the sales order is not created, the accompanying invoice is not printed and the Sales Ledger files are not updated either. This functionality is recommended for users who enter GL transactions manually repeatedly in the same pattern from time to time..

Finance – functions GL VII

- REACH Report
  The functionality covers new report on substances produced or imported in quantities between 1 and 100 tons per year – REACH (Evaluation, Authorisation and Restriction of Chemicals). The report is not intended for sending to authorities, it is only used as a tool to collect information. The report is **DDF controlled** and includes **VBA**
  support. The functionality is supported by new parameters: **REACH UUID** code, **REACH Weight**, new routine – **REACH**
  Report and new permission - Allow change of the REACH UUID code.

Finance – functions GL VIII

- Compound Periodic Allocations: Support of All Accounting Segments
  Compound periodic allocations now support all accounting dimensions (0-9). To implement this, **transaction-based CPA** type was updated and two new CPA types were introduced: **extended balance-based CPA** and **reversing extended balance CPA**. These two new types also differ from the others by the data source for balances: CPAs of these two types use the **Extended Balance File** as the data source.

Finance – functions GL IX

- Electronic Reporting Engine

  To improve the electronic reporting capabilities of iScala, a new flexible solution is implemented. This new functionality provides electronic reports on financial and logistical transactions from across the whole iScala ERP system, including any localized solutions that already deploy the UDDB (User Defined Database) functionality.
  The schema and complexity of the electronic reports differ from country to country.
  The solution can be used to produce any types of electronic reports across the globe.
  Reports can be as an example: ad-hoc electronic audit files, periodical reports such as tax returns or inventory balance lists, SAF-T reports, GL account balances and transactions.
  This functionality leverages the advantage of several mechanisms such as Snap Search, Screen Definition Files (SDF), Business Event definition (DEF) files, Epicor Service Connect Workflows and managers.
  The application screen is fully customizable for gathering report runtime parameters that are picked up by Service Connect as the application raises a business event. The workflow works with the Generic Query Manager that utilizes the result set of different Snap Searches. As a good practice, it is better to create and save Snap Search queries in SQL View mode for more complex reports..

Live Demo

EPICOR

Q&A

Questions and answers?