

# XT UI Release News History

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# V4.5.0

## Introduction

XT UI v4.5 is a rather technical release. The system has been upgraded in order to use the latest technology. A lot of code has been refactored in order to fit and take advantage of the new technology.

Upgraded to:

1. Java, OpenJDK 13
2. Latest version of Eclipse
3. Tomcat 9
4. Internal XT Client browser changed to use Chromium platform
5. Latest Apache POI (Office integration)
6. Latest Jtopen (Java classes for IBMi access)

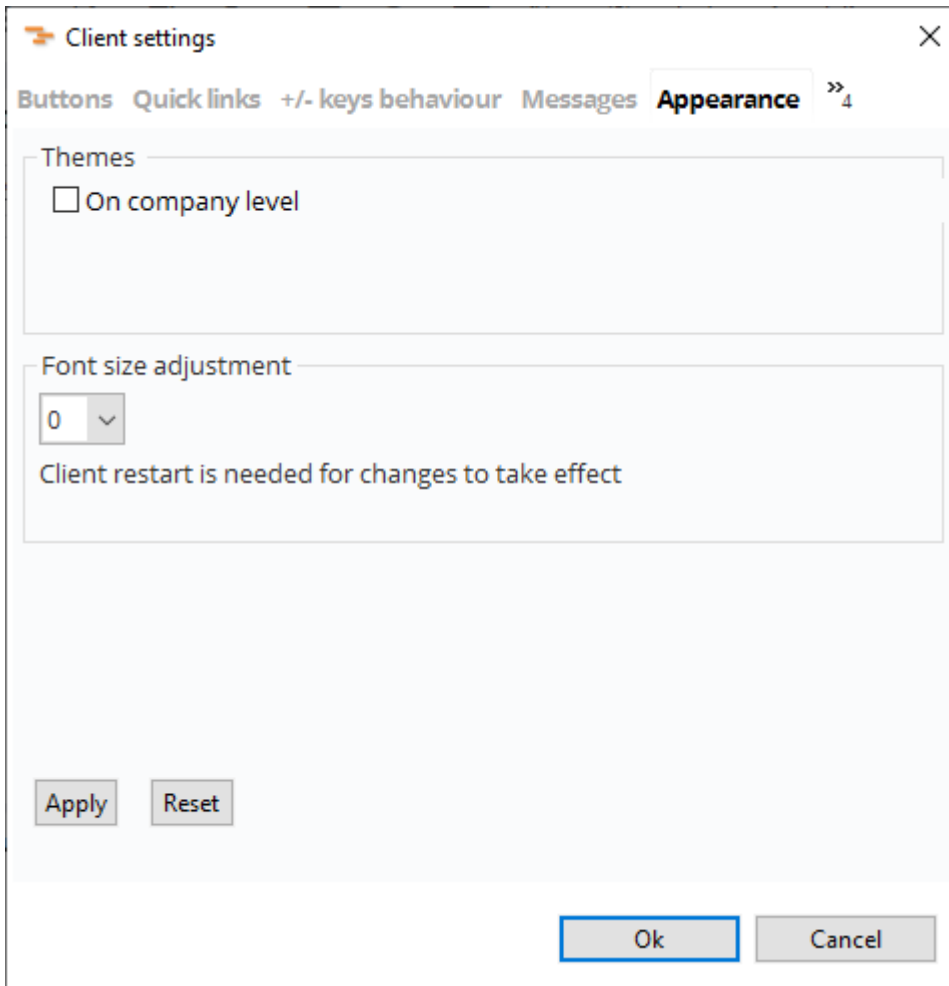
## Client

### **Support for Aperio view in Windows client**

The embedded browser in the XT Client has been changed from IE, which is very old, to Chromium. It is now possible to run Aperio view and web pages using modern technology in the Windows client. Earlier this only worked with the thin client.

## Font size adjustment

Since XT UI v4.0 fonts have become a bit larger. A new setting, '**Font size adjustment**' has been added to the Client settings, '**Appearance**' page. If the larger font does not fit on the panels, you change adjust it here.

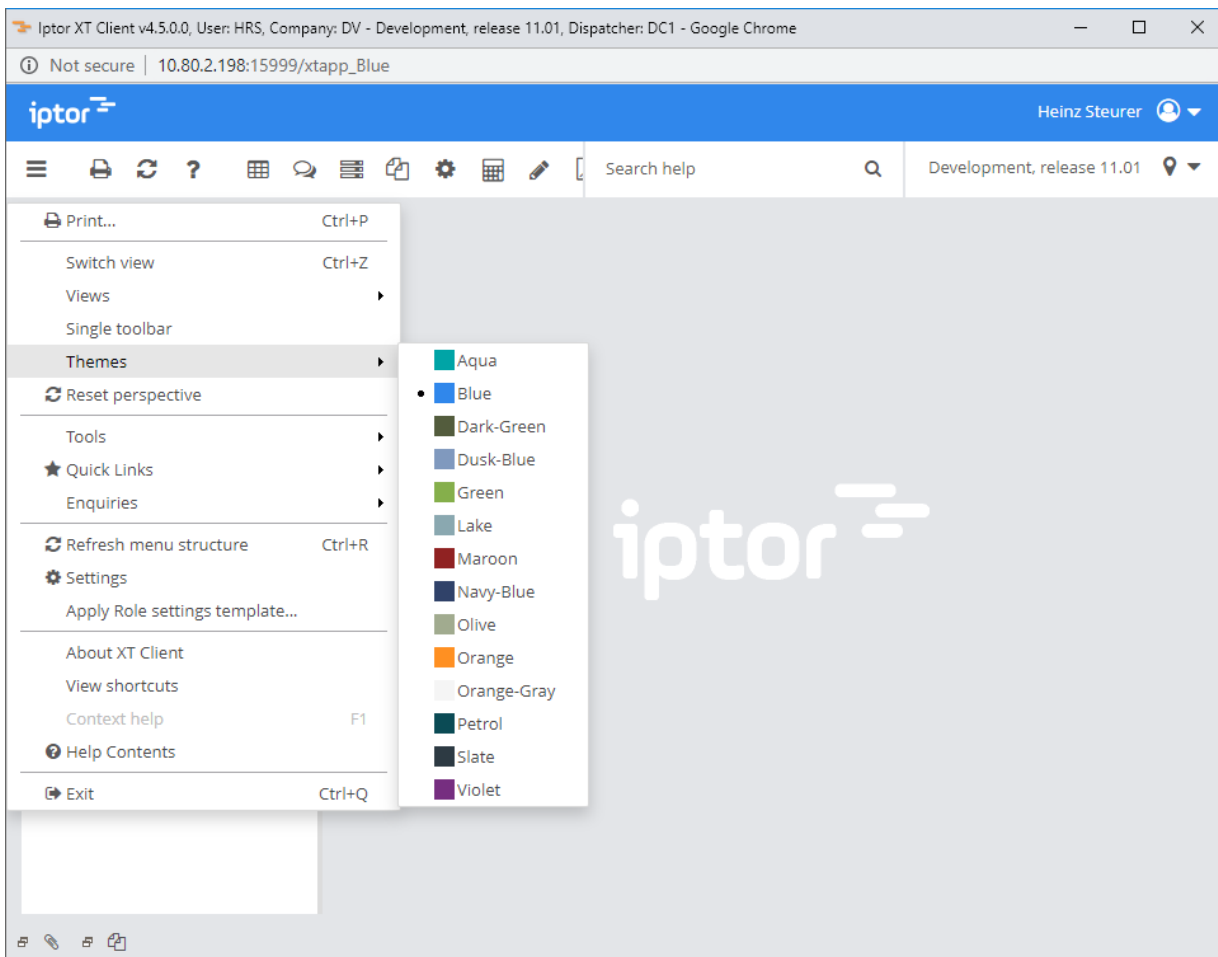


The image shows a 'Client settings' dialog box with a close button (X) in the top right corner. The 'Appearance' tab is selected, indicated by a double arrow and the number '4'. The 'Appearance' tab contains two sections: 'Themes' with a checkbox labeled 'On company level' which is currently unchecked, and 'Font size adjustment' with a dropdown menu showing '0'. Below the dropdown, a message states 'Client restart is needed for changes to take effect'. At the bottom of the dialog, there are 'Apply' and 'Reset' buttons on the left, and 'Ok' and 'Cancel' buttons on the right. The 'Ok' button is highlighted with a blue border.

This function is available for the Windows client only. It's not needed for the thin client because browsers have a build in zooming function. (Ctrl-Plus sign / Ctrl-Minus sign).

## Theme menu images

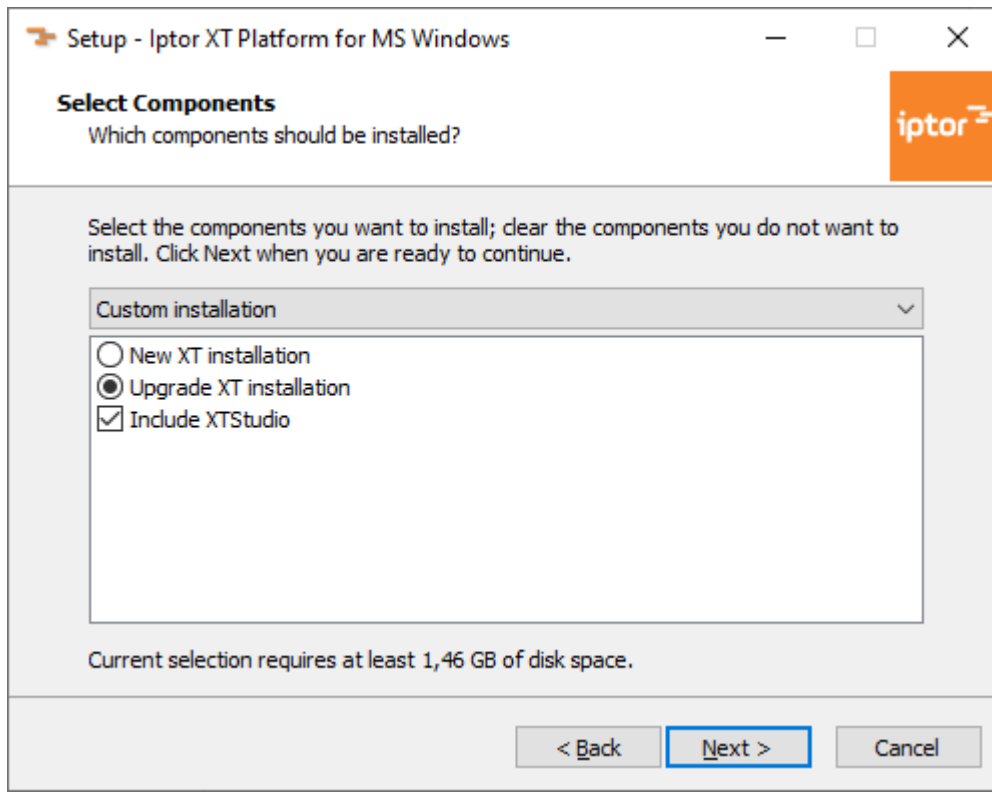
Images in the actual theme colors have been added to the 'Themes' menu.



## XT Studio

### Optional installation

The installation of XT Studio is now optional.



The screenshot shows a Windows installation window titled "Setup - Iptor XT Platform for MS Windows". The window has standard Windows window controls (minimize, maximize, close) in the top right corner. The title bar also includes the Iptor logo. The main content area is titled "Select Components" and asks "Which components should be installed?". Below this, there is a dropdown menu set to "Custom installation". Underneath the dropdown, there are three options with radio buttons and checkboxes: "New XT installation" (radio button), "Upgrade XT installation" (radio button, selected), and "Include XTStudio" (checkbox, checked). At the bottom of the window, there are three buttons: "< Back", "Next >" (highlighted with a blue border), and "Cancel". A note at the bottom of the main content area states "Current selection requires at least 1,46 GB of disk space."

Setup - Iptor XT Platform for MS Windows

**Select Components**  
Which components should be installed?

Select the components you want to install; clear the components you do not want to install. Click Next when you are ready to continue.

Custom installation

- New XT installation
- Upgrade XT installation
- Include XTStudio

Current selection requires at least 1,46 GB of disk space.

< Back   Next >   Cancel

## Documentation

- XT UI Installation and Upgrade Guide (updated)
- XT UI Sizing Guide (updated)
- Display Setup for XT Windows Client (updated)
- XT UI Client Themes Guide (updated)

## Miscellaneous

- Corrected JIRA issues

## V4.3.0

### Client

#### Aperio View GA status

Aperio view has now been finalized and is ready to install. For more information, please see the 'XT Client Aperio View Setup Guide'.

#### DC1 Text editor – improved usability

The text entry table has been replaced by a multi-line entry field which makes it easier to copy/paste and edit text. During save the text is adjusted in order to fit the max length of 70 characters per line. If the cursor is positioned inside the multi-line entry field, 'Enter' is not saving the text, instead it's adding a new line to the field. This is standard behavior for this kind of UI control. We have added a Ctrl-S function which can be used to save the text quickly. Also pressing the OK button will save the text. Please note, the Ctrl-S function is available for the Windows Client only. When running in browsers this function is reserved for other purposes. It's still possible to enter text the old way. There is a link which can be used to toggle between the different entry forms.

Layout GDMD385.xml has been changed. The QA report is R11GEN/6.

The screenshot shows a software window titled "Work with sales orders" with a sub-header "Sales order header > Edit text". The interface includes several input fields: "Order" with the value "934506", "Text set" with the value "1", "Language" with the value "NL", and "Function" with the value "Edit". A large multi-line text area contains two paragraphs of text. To the right of the text area, a list of keyboard shortcuts is provided: Ctrl-C = Copy selected text, Ctrl-X = Cut selected text, Ctrl-V = Paste selected text, Ctrl-A = Select all, and Ctrl-S = Save. Below the text area is a "Table view" link. At the bottom of the window, there are two rows of buttons: the first row contains "OK", "Back", "Exit", and "Doc"; the second row contains "Retrieve", "Text set", "Adjust text", and "New note". A double-right arrow button is located at the bottom right corner.

#### Send commands from DC1 to XT Client

Please see document 'How to send commands to XT Client'.

**Note!** This function works with DC1 only. Some coding is needed to make it work with other backend applications.

#### Qlik sense integration for DC1

Please see document 'XT Qlik Integration Set Up Guide'.

**Note!** It's integrated with DC1 only.

# Aperio Client

## Table paging

Large lists can be divided into pages with direct links to each page. See bottom-left corner of the table below.

The screenshot shows the iptor application interface. At the top, there is a navigation bar with the iptor logo, a search icon, and a menu icon. Below the navigation bar, there is a sidebar with 'Enquiries' selected, and sub-items 'Pick list' and 'Balances'. The main content area is titled 'Balances' and contains a search bar and three input fields for 'Location', 'Item', and 'Pallet no'. Below these fields is a table with the following data:

Item	Description	Location	Batch	Pallet number	On hand	Reserved	Held balance
A-B25	Abhi's Item - Batch and WHM	A1-01	0		3	0	
D-BP01	Dhananjay's new batch item	X-01	0		20	0	
D-BP11	Dhananjays batch item	D-111	0		50	0	
D-BP11	Dhananjays batch item	DJ5432	0		38	3	
DJ-BP01	Dhananjay's batch + eped	DJ111	0		100	0	
DJ-BP01	Dhananjay's batch + eped	DJ222	0		100	0	
DJ-BP01	Dhananjay's batch + eped	DJ111	0		2	0	
DJ-BP01	Dhananjay's batch + eped	DJ222	0		3	0	
DJ-BP01	Dhananjay's batch + eped	DJ111	0		3	0	
DJS BATCH 2	Job 280586/INDHAPAT/ACMSCREATE	DJRF2	0		27	0	

At the bottom of the table, there is a pagination control showing 'Showing 1 to 10 of 413 rows' and a dropdown for 'rows per page' set to 10. The pagination links are: < 1 2 3 4 5 ... 42 >. Below the pagination control are two buttons: 'Close' and 'Search/Refresh'.

## Support for calendar component

A calendar component to be used on mobile applications has been developed.

## XT Dispatcher

### OpenAPI support

Aperio APIs can now be access via the OpenAPI standard.

For more information, please see <https://github.com/OAI/OpenAPI-Specification/blob/master/versions/3.0.2.md>

# XT Admin

## Additional Aperio settings

### Aperio properties

Aperio service library list (comma-separated names)	<input type="text" value="A110ENV,DEV111AS,DEV111AP,A110AP,IAF100AP"/>
Aperio backend init method	<input type="text"/>
Default Aperio parameters	<input type="text"/>
Environment selection screen	<input type="text"/>
Aperio CSSID	<input type="text"/>
Max jobs per connection, (blank=1 job)	<input type="text" value="1"/>
Live search enabled	<input checked="" type="checkbox"/>
Live search configuration extension file	<input type="text"/>
Aperio view links files (comma- separated names)	<input type="text" value="AperioViewLinks.xml"/>
Active Aperio apps (comma- separated names)	<input type="text" value="xtview"/>
Default Aperio user Id	<input type="text"/>
Default Aperio user password	<input type="text"/>
OpenAPI file	<input type="text"/> <input type="button" value="Browse"/>

## Documentation

- XT UI Installation and Upgrade Guide (updated)
- XT Client Aperio View Setup Guide. (New)
- XT Qlik Integration Set Up Guide (New)
- How to send commands to XT Client (New)

## Miscellaneous

- Update to latest free Java version
- Uses latest version of Apache POI, (MS Office integration)
- Latest version of Jtopen (Java API for IBMi)
- Corrected JIRA issues

## v4.2.0

### Client

#### Aperio view

This view can be linked to any panel of the backend application. Values from the panels can be used as parameters. While navigating between the fields of the XT panels or clicking on a table row, requests are sent to Aperio based APIs and functions. The reply is in HTML5 format and is shown in the Aperio view. The links between panels and Aperio functions are defined in a configuration file, no coding is needed in XT Client.

In the below example the Aperio view is linked to the 'Work with items' panel in DC1. When clicking on a table row, the item code is sent to the an Aperio function. Additional item information is shown.

For more information please see the 'XT Client Aperio view set up guide'.

Iptor XT Client v4.2.0.0, User: HRS, Company: DV - Development release 10.50, Dispatcher: DC1, Server time: 9/19/2018 1:55:12 em CEST - Google Chrome

Not secure | sesmps100.ibs.net:16999/xtapp\_Blue

iptor Heinz Steurer

Search help Development release 10.50

DC1

Work with sales orders Work with items Work with sales orders

Work with items > Active

Template ALL All panels

Item	Internal name	Active	Attachment
/HONDA/BLUE	TEST BIKE2	✓	
/HONDA/GREEN	TEST BIKE2	✓	
/HONDA/ORANGE	TEST BIKE2	✓	📎
/HONDA/PINK	TEST BIKE2	✓	
/HONDA/RED	TEST BIKE2	✓	📎
/HONDA/WHITE	TEST BIKE2	✓	
/HONDA/YELLOW	TEST BIKE2	✓	
/PULSAR/BLACK	TEST BIKE2	✓	
/PULSAR/BLUE	TEST BIKE2	✓	
/PULSAR/GREEN	TEST BIKE2	✓	
/PULSAR/ORANGE	TEST BIKE2	✓	
/PULSAR/PINK	TEST BIKE2	✓	

Item Internal name Resp

Search fields

OK Back Exit Dsp inactive Select templ

View Contr

Aperio

Item /HONDA/RED

Item description test bike1 honda RED

Item group DJS


Group description Dhananjay's item group

Item category 1

Category 1 description

Item family

Family description



# Attachments Quick View supported in thin client

The screenshot displays the Iptor XT Client v4.0 interface within a browser window. The browser's address bar shows the URL `c0000141.libs.net:15999/xtapp_Dusk-Blue`. The interface features a navigation menu on the left with 'Attachment Quick View' selected, which displays a blue Honda Civic. The main content area, titled 'Work with items > Active', contains a table of items with columns for 'Item', 'Internal name', 'Active', and 'Attachment'. Below the table is a search field and a 'Search fields' section with multiple input boxes.

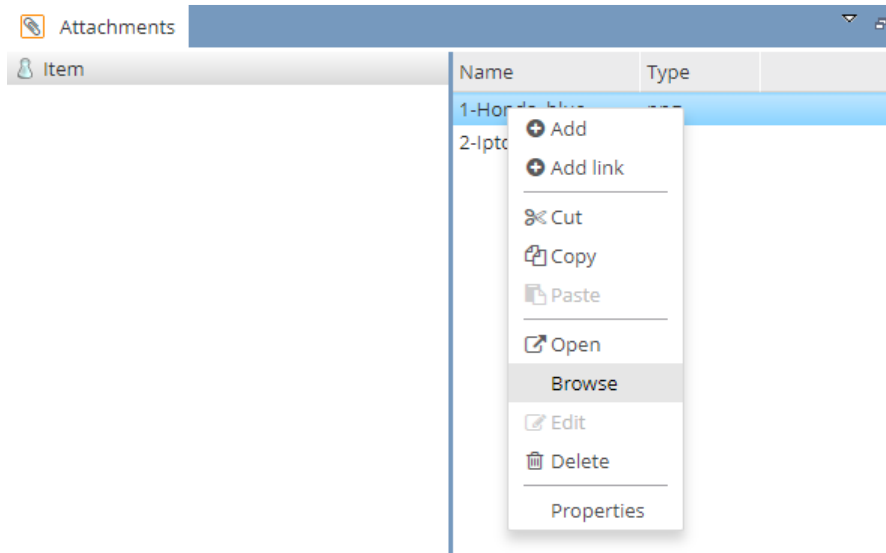
Item	Internal name	Active	Attachment
_AOLLE	OLLE'S ITEM, PLEASE DO NOT USE	✓	
_ABIL	NAPA SS	✓	
_ANDRE	NAPAPYÖRÄ ½"	✓	
_BLE	NAPAPYÖRÄ ½" NAPAPYÖRÄ ½"	✓	
_GUE0101	GUNNELS TEST AVERAGE	✓	
_GUE0102	GUNNELS TEST AVERAGE	✓	
!@#\$\$%&*()	SAMSUNG GALAXY S	✓	
/BIKE/COLOR00002	TEST BIKE2	✓	
/HONDA/BLACK	TEST BIKE2	✓	
/HONDA/BLUE	TEST BIKE2	✓	
/HONDA/GREEN	TEST BIKE2	✓	
/HONDA/ORANGE	TEST BIKE2	✓	

Item:  Internal name:  Resp:

Search fields:

## Attachment browse function

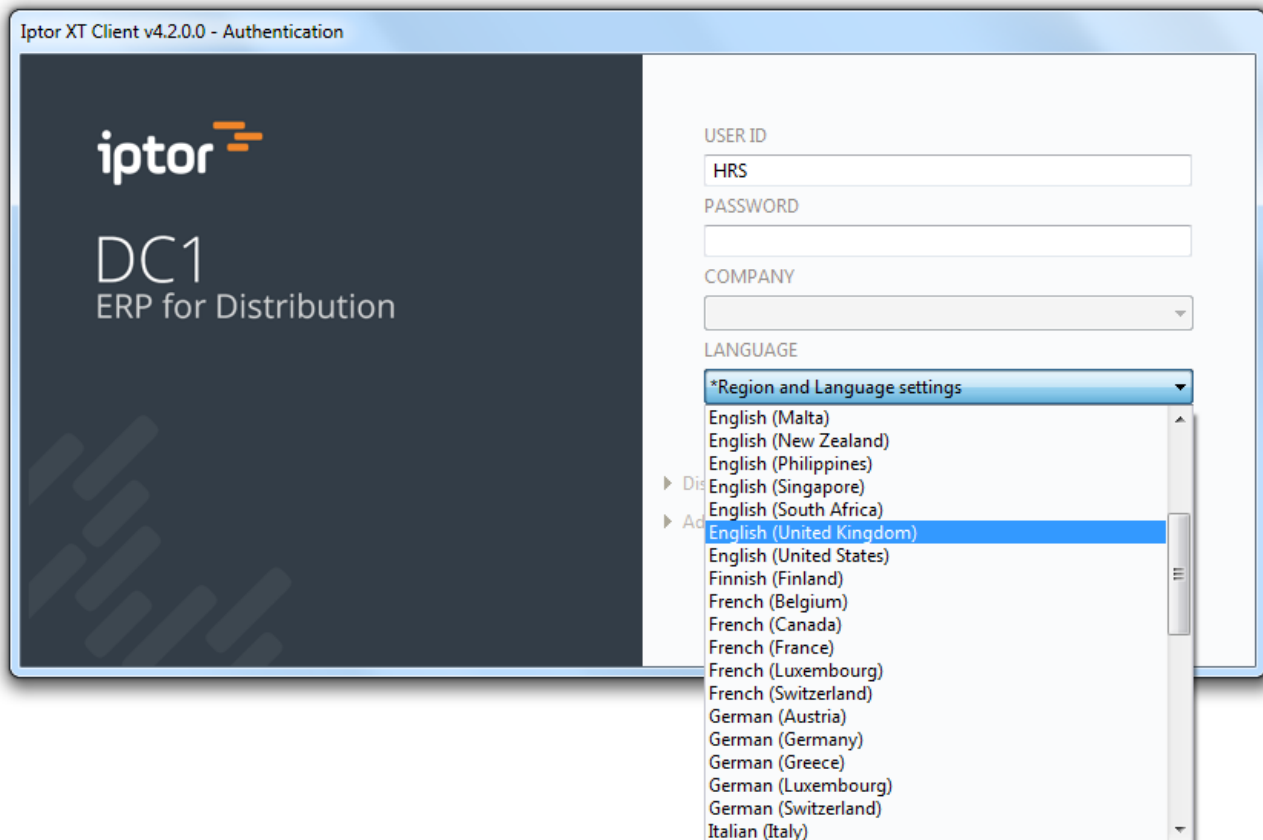
Attachments valid to be shown in an Internet browser can now be displayed directly, no more need to download first. You can do this by using the new **Browse** option on the attachment pop-up menu.



## Language selection on XT Client log in window


It is now possible to control the XT Client Workbench language independent from the Region and language settings on the computer or the browser language settings, if the thin client is used. The list contains one item for each supported XT Client language / country combination. Your choice will control the client language, the date and amount formats. By selecting “**\*Region and Language settings**”, the language settings of the client computer / browser will take control. The system will remember the selected language per company and show it as default the next time the same company is selected.

The language list can be hidden by unselecting the ‘**Language selection**’ check-box under ‘**Advanced settings**’.



The screenshot shows the authentication window for Iptor XT Client v4.2.0.0. The window title is "Iptor XT Client v4.2.0.0 - Authentication". On the left side, there is a dark blue panel with the Iptor logo and the text "DC1 ERP for Distribution". On the right side, there are several input fields: "USER ID" with the value "HRS", "PASSWORD", and "COMPANY" (a dropdown menu). Below these is the "LANGUAGE" section, which has a dropdown menu currently open. The dropdown menu shows a list of language and region combinations, with "\*Region and Language settings" selected at the top. Other options include English (Malta), English (New Zealand), English (Philippines), English (Singapore), English (South Africa), English (United Kingdom) (highlighted in blue), English (United States), Finnish (Finland), French (Belgium), French (Canada), French (France), French (Luxembourg), French (Switzerland), German (Austria), German (Germany), German (Greece), German (Luxembourg), German (Switzerland), and Italian (Italy).

Iptor XT Client v4.2.0.0 - Authentication



DC1  
ERP for Distribution

USER ID  
HRS

PASSWORD

COMPANY

LANGUAGE  
\*Region and Language settings

▶ Dispatcher settings

▼ Advanced settings

Reset perspective

Language selection

Sign in Cancel Reset password

'Language selection' check-box.

## Extended functionality for +/- key behavior settings

Minus and plus keys can now be configured separately.

**Client settings**

Tooltip Enquiries Client title Buttons Quicklinks **+/- keys behaviour** Messages Appearance Locale

Numeric pad + key behaviour:

Used with alphabetical information

Act as <Tab>  ▾

Clear if all selected  ▾

Used with numerical information

Act as <Tab>  ▾

Clear if all selected  ▾

Numeric pad - key behaviour:

Used with alphabetical information

Act as <Tab>  ▾

Clear if all selected  ▾

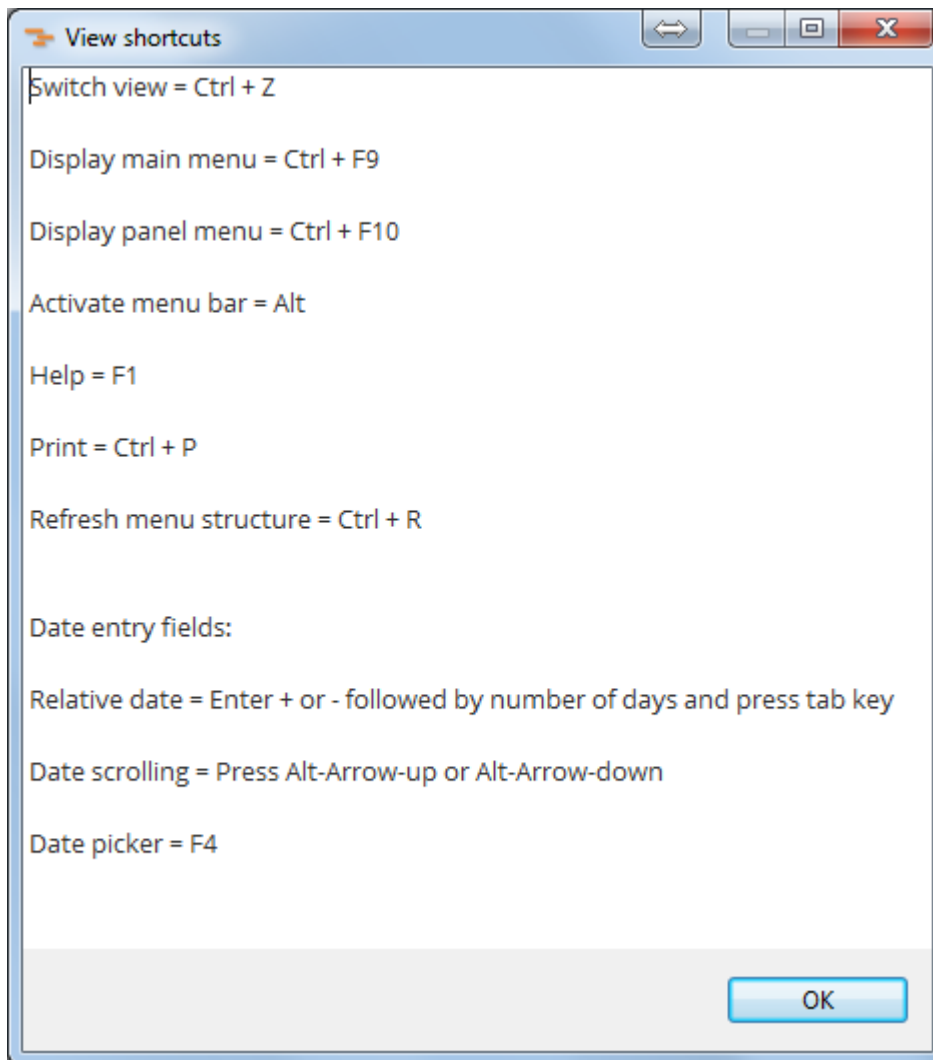
Used with numerical information

Act as <Tab>  ▾

Clear if all selected  ▾

## Show Client shortcuts

A new menu option, '**View shortcuts**' has been added to the XT Client's main menu.

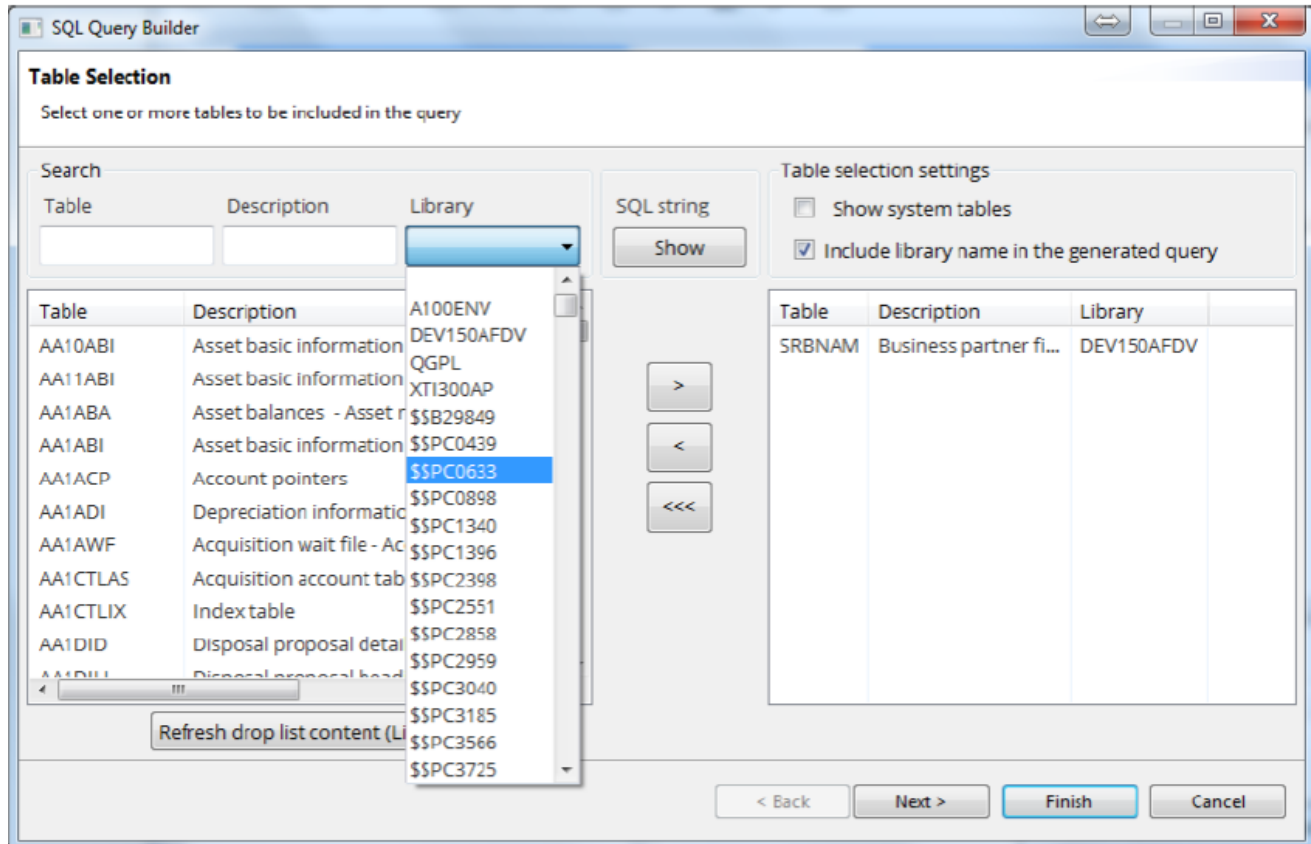


## Display printer output – extended security functions

Users without special authority \*JOBCTL or \*SPLCTL are not allowed to access printer output for other users. It is now possible to allow additional users. For more information please see document: 'XT UI Printer Output Guide', section 'Security'.

## Query Manager – configuration of allowed query libraries

It is now possible to configure XT UI to allow a limited number of libraries to be used by Query Manager.



For more information please see document 'Working with XT queries', section 'Selectable query libraries'.

## Copy table cells works now for the thin client

Right-click and select option <column name> Copy. A Window with the selected cell text(s) pops up. Right-click on the text and select 'Copy'. The text is copied to your clipboard.

Due to browser limitations, this additional step is needed to copy cell values.

Item	Internal name	Active	Attachment
_AAOLLE	OLLE'S ITEM, PLEASE DO NOT USE	✓	
_ABIL	NAPA SS	✓	
_ANDRE	NAPAPYÖRÄ 1/2"	✓	
_BLE	NAPAPYÖRÄ 16" NAPAPYÖRÄ 16"	✓	
_GUE0101	GUNNE		
_GUE0102	GUNNE		
!@#\$%c&*( )	SAMSUN		
/BIKE/COLOR00002	TEST BIH		
/HONDA/BLACK	TEST BIH		
/HONDA/BLUE	TEST BIH		
/HONDA/GREEN	TEST BIH		
/HONDA/ORANGE	TEST BIH		
/HONDA/PINK	TEST BIH		
/HONDA/RED	TEST BIH		
/HONDA/WHITE	TEST BIH		
/HONDA/YELLOW	TEST BIH		
/PULSAR/BLACK	TEST BIH		

Item

Search fields

Copy

/HONDA/BLUE

Close

OK

Back F12

Exit F3

Dsp inactive F2

Select template F9

## XT Admin

Memory usage information added to dispatcher status page

### Dispatcher status

<b>Dispatcher name</b>	DC1
<b>Active users</b>	2
<b>Startup time</b>	2018-09-19 11:15:12
<b>Process Id</b>	7764@C0000141
<b>Memory usage</b>	107 / 196 / 1754 MB (Used / Committed / Max)
<b>No of threads</b>	27

### Users

User	Company	Client	Client address	Logged on at	Last accessed	Inactive	Action
HRS	DV			12:23:24	12:23:25	01:07:06	terminate
HRS	DV		10.80.1.223	12:23:06	12:23:47	01:06:44	terminate

## Additional Aperio settings

### Aperio properties

Aperio service library list (comma-separated names)	<input type="text" value="A100ENV,DEV150AS,DEV150AP,DEV101AP,A100AP,IAF150APM,IAF100AP"/>
Aperio backend init method	<input type="text"/>
Default Aperio parameters	<input type="text"/>
Environment selection screen	<input type="text"/>
Aperio CSSID	<input type="text" value="37"/>
Max jobs per connection, (blank=1 job)	<input type="text" value="1"/>
Live search enabled	<input checked="" type="checkbox"/>
Live search configuration extension file	<input type="text"/>
Aperio view links extension file	<input type="text"/>
Active Aperio apps (comma- separated names)	<input type="text" value="mwhs"/>
Default Aperio user Id	<input type="text"/>
Default Aperio user password	<input type="text"/>

## Logging attachments changes

It is possible to activate an attachment logging function. If active, changes to attachments are logged in an IBMi database file.

### Activate logging

Go to XT Administration, edit the dispatcher configuration.

Attachments log file (LIBRARY/FILE)	<input type="text" value="MYLIB/MYFILE"/>
Attachments logging options. (ADD,CHANGE,DELETE).	<input type="text" value="CHANGE,DELETE"/>

Enter the library and name of the file to receive the log.  
Enter the logging options.

In the above example a log entry is created every time an attachment is changes or deleted.

Save the configuration and click the 'apply' link for the actual dispatcher configuration. Alternatively, restart the dispatcher.

### Analysing the log

You can use Query Manager some other query tool to analyse the log.  
Simple query: `select * from myLib/myFile.`

Att\_log - Attachments log

Line	CRT_DATE	CRT_TIME	USER_ID	COMPANY	DISPATCHER	CATEGORY	EVENT	FILE	OBJECT_ID	FOLDER
1	20180426	16112504	HRS	DV	DC1	ITEM	DELETE	Notes.txt	/HONDA/BLACK	FIBQpDpGXjnT7Iukj4EQ5bgWW
2	20180507	131713	HRS	DV	DC1	ITEM	ADD	Honda_black.png	_AAOLLE	FszdD7HukWPVZVkl0TRE6HQWW
3	20180516	12061305	HRS	DV	DC1	ITEM	DELETE	Honda_blue_bike.png	/HONDA/BLUE	FsJJAcrrcrmP5pFRZIXD3CwWW

### The log file format

Name	Description	Length	Decimals	Type
CATEGORY		30	0	CHAR
COMPANY		10	0	CHAR
CRT_DATE		8	0	CHAR
CRT_TIME		8	0	CHAR
DISPATCHER		30	0	CHAR
EVENT		10	0	CHAR
FILE		50	0	CHAR
FOLDER		30	0	CHAR
OBJECT_ID		50	0	CHAR
USER_ID		10	0	CHAR

## Documentation

- XT UI Installation and Upgrade Guide (updated)
- XT Attachments and Templates Guide v4x. (new)
- How to secure XT Client data export features (new)
- Using Java script in XTUI (updated)
- XT UI Printer output guide. (new)
- XT Client language handling (updated)
- XT Client Aperio view set up guide (new)

## Miscellaneous

- New Aperio Client form component for bank ID, to support document and transaction signing. (Swedish market only)
- New functionality required by Aperio version 2
- Uses latest version of Java
- Uses latest version of Apache POI, (MS Office integration)
- The XT client settings have moved from the user's temp folder to the App data folder.
- Corrected JIRA issues

## v4.1.0

### XT Client

No changes since previous version.

### XT Dispatcher

#### Support to run Aperio apps

Support to run Aperio apps has been added to XT Dispatcher.

### XT Admin

#### Dispatcher configuration for active Aperio apps

The below part of dispatcher settings has been renamed from 'Api' to 'Aperio'.

##### Aperio properties

Aperio service library list (comma-separated names)	<input type="text" value="A100ENV,A100AP,IAF100AP"/>
Live search enabled	<input checked="" type="checkbox"/>
Active Aperio apps (comma-separated names)	<input type="text" value="mwhs"/>

A new setting, '**Active Aperio apps**', has been added. After installing the app on XT Server you need to enter the app name here. The app name you can find in the installation guide of the app. E.g. Mobile Warehouse App Installation Guide.

#### Updated XT Admin help document

The help document for XT Admin has been reviewed and updated.

## Documentation

- Mobile Warehouse App Installation Guide (new)

## Miscellaneous

- Uses latest version of Java
- Upgraded Tomcat
- Uses latest version of Apache POI, (MS Office integration)
- Corrected JIRA issues

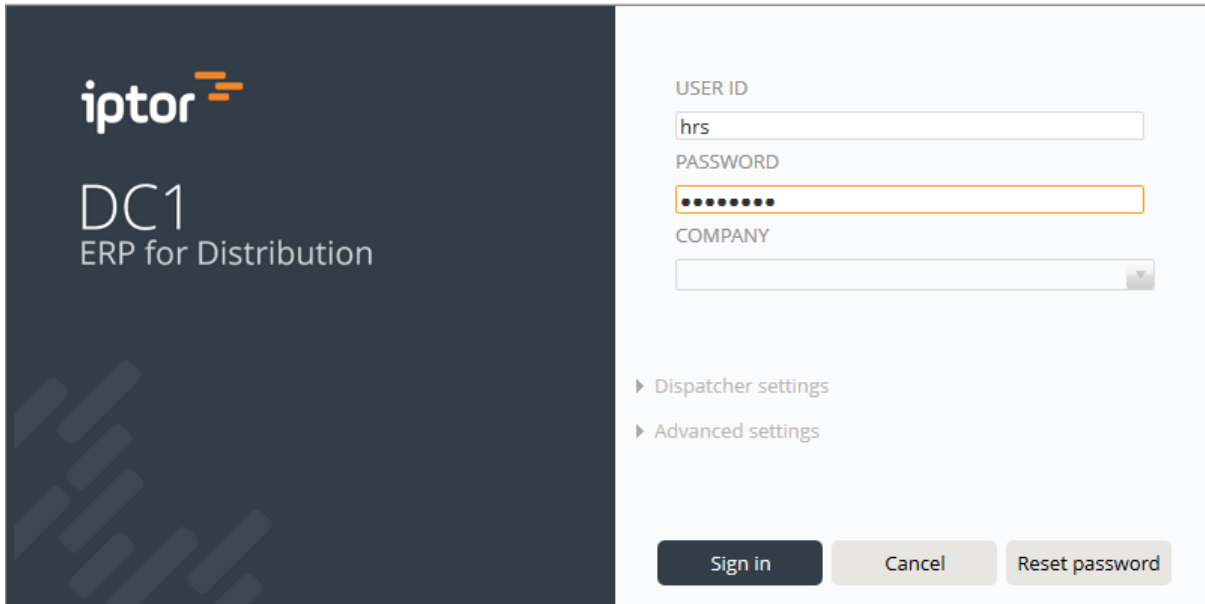
# v4.0.0

## Client

### New design and re-brand to Iptor

Please see below some examples of the new Iptor design.

#### Log in



The screenshot shows a login interface for Iptor DC1 ERP for Distribution. The interface is split into two main sections: a dark blue header area on the left and a light gray form area on the right.

**Header Area (Left):**

- iptor** logo with three orange horizontal bars to its right.
- DC1** in large white font.
- ERP for Distribution** in smaller white font below DC1.

**Form Area (Right):**

- USER ID:** A text input field containing the value "hrs".
- PASSWORD:** A password input field with a yellow border and a black dot mask.
- COMPANY:** A dropdown menu with a downward arrow on the right side.
- Settings:** Two expandable sections: "Dispatcher settings" and "Advanced settings", each with a right-pointing arrow.
- Buttons:** Three buttons at the bottom: "Sign in" (dark blue), "Cancel" (light gray), and "Reset password" (light gray).

# Workbench

The screenshot shows a web browser window titled "Iptor XT Client v4.0.0.0, User: HRS, Company: DV - Development release 10.01, Dispatcher: DC1 - Google Chrome". The address bar shows the URL "c0000141.ibs.net:15999/xtapp\_Blue".

The application interface features a blue header with the "iptor" logo on the left and the user name "Heinz Steurer" on the right. Below the header is a navigation bar with icons for home, print, refresh, help, grid, chat, share, settings, and document. It also includes a "Search help" field and a "Development release 10.01" dropdown menu.

The main content area is a light gray background with a large, faint "iptor" logo. On the left side, there is a sidebar with two sections:

- DC1**: A search bar and a list of categories with expandable arrows:
  - Financial processes
  - Supply chain processes
  - Business reporting
  - Alert management
  - System management
  - Distribution Intelligence
  - Miscellaneous tasks
- Quick Links**: A list of tasks with document icons:
  - Work with sales orders
  - Work with business partners
  - Print sales order confirmations
  - Work with held sales orders
  - Work with customer contracts
  - Work with sales pricing methods
  - Work with notes
  - Customer management console
  - Work with items
  - AMT messages
  - PV - Sales promotions
  - PV - Sales order handler

# Tables

Iptor XT Client v4.0.0.0, User: HRS, Company: DV - Development release 10.01, Dispatcher: DC1, Server time: 6/29/2017 6:51:32 AM CEST - Google Chrome

c0000141.ibs.net:15999/xtapp\_Blue

iptor Heinz Steurer

Search help Development release 10.01

DC1

Work with business partners

Work with business partners > Active

Template ALL All panels

Number	Internal name	Type	Active	Attachm
00000479	SPP TEST *	1	✓	
00000486	KR TEST	1	✓	
000WARE	000WARE-INTERNAL-NAM	3	✓	
001WARE	001WARE-INTERNAL-NAM	3	✓	
002WARE	002WARE-INTERNAL-NAM	3	✓	
016MARIE	MARIE IBS AU	3	✓	
030310	SUP-1 (ASHISH)	2	✓	
1000012	BUSINESS PART SUPP/C	3	✓	
100006	BUSINESS PART SUPP/C	3	✓	
100007	BUSINESS - COPY TEST	3	✓	
100008	BUSINESS PART SUPP/C	3	✓	
100009	BUSINESS PART SUPP/C	3	✓	
1000100	BUSINESS PART SUPP/C	3	✓	

Number Internal name Type

Search fields

OK Back Exit Display inactive Select template

- Financial processes
- Supply chain processes
- Business reporting
- Alert management
- System management
- Distribution Intelligence
- Miscellaneous tasks

- Most recent
- Work with sales orders
- Work with business partners
- Print sales order confirmations
- Work with held sales orders
- Work with customer contracts
- Work with sales pricing methods
- Work with notes
- Customer management console
- Work with items
- AMT messages
- PV - Sales promotions
- PV - Sales order handler

# Details

Iptor XT Client v4.0.0.0, User: HRS, Company: DV - Development release 10.01, Dispatcher: DC1, Server time: 6/29/2017 6:53:52 AM CEST - Google Chrome

c0000141.ibs.net:15999/xtapp\_Blue

iptor Heinz Steurer

Search help Development release 10.01

DC1

Work with business partners

Business partner file maintenance > Basic data

Number 100300

Basic Customer Address Supplier A/R basic A/R add A/P basic A/P add Bank A/P modes >>

Name A.G.M. Electrical Limited Cred

Internal name INTERNAL NAME 100300

Address 5 Queen Victoria Place  
High Street  
Burleigh

Company phone 8700011 Lancaster

Company fax 8700021

Country SE VAT registration no SE123456788224

Company reg number 80977660 Corporate snd/rcv  /

Alias 300 Type 1

Area NTH MDC

Language EN Sundry number

BP Structure  Internal cust/supp

Previous Next

OK Back Item cross ref types Update and return Fnc list

Financial processes  
Supply chain processes  
Business reporting  
Alert management  
System management  
Distribution Intelligence

Quick Links

Most recent  
Work with sales orders  
Work with business partners  
Print sales order confirmations  
Work with held sales orders  
Work with customer contracts  
Work with sales pricing methods  
Work with notes  
Customer management console  
Work with items

Attachments

Business partner Name

# Settings

Iptor XT Client v4.0.0.0, User: HRS, Company: DV - Development release 10.01, Dispatcher: DC1 - Google Chrome

c0000141.ibs.net:15999/xtapp\_Blue

iptor Heinz Steurer

DC1

Search

- Financial processes
- Supply chain processes
- Business reporting
- Alert management
- System management
- Distribution Intelligence
- Miscellaneous tasks

Quick Links

- Most recent
- Work with sales orders
- Work with business pa
- Print sales order confir
- Work with held sales o
- Work with customer cc
- Work with sales pricing
- Work with notes
- Customer managemen
- Work with items
- AMT messages
- PV - Sales promotions
- PV - Sales order handle

### Client settings

Tooltip Enquiries Client title Buttons **Quick links** +/- keys behaviour Messages Appearance >>

On company level

Most recent menu items

Activate  Expanded at client start

Number of items to keep

Process Auto-start folder at company change

Default action for menu items

Open

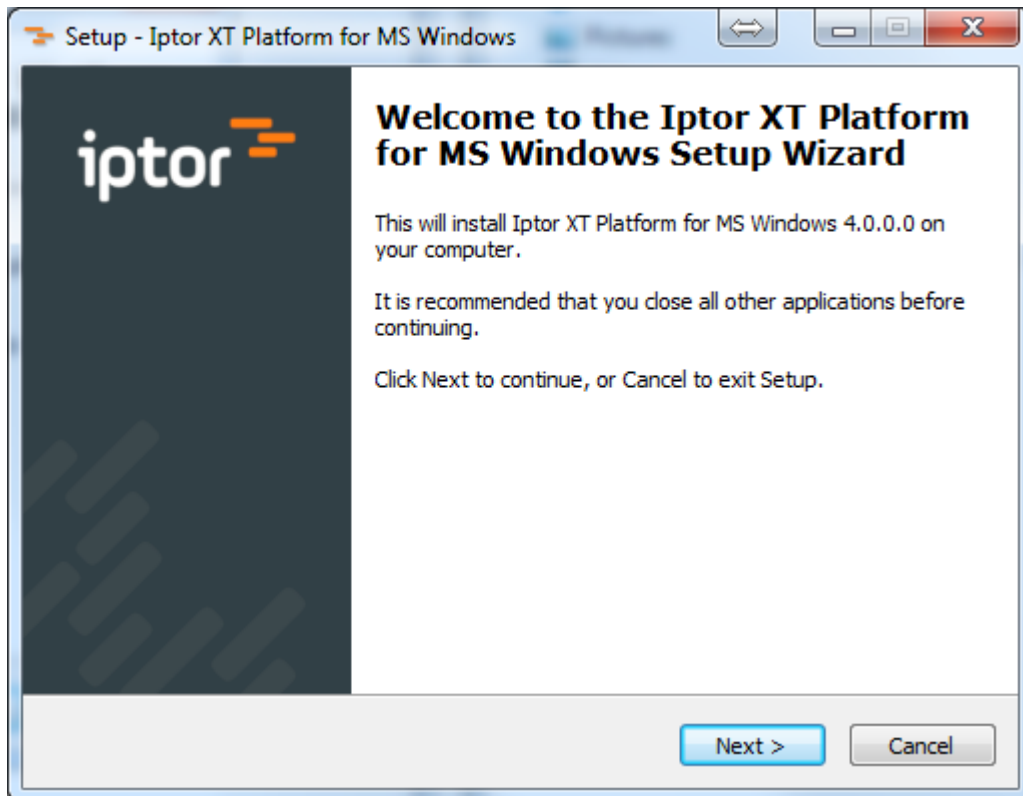
Open maximized

Latest

Apply Reset

Ok Cancel

## Installers



## Live search

This function can be used if **DC1** and **Aperio**, the new Iptor API framework is installed on the server. Live search is also known as autocomplete and search while typing.

The screenshot displays the Iptor XT Client v4.0.0.0 interface. The browser title is "Iptor XT Client v4.0.0.0, User: HRS, Company: DV - Development release 10.01, Dispatcher: DC1, Server time: 6/29/2017 6:58:56 AM CEST - Google Chrome". The address bar shows "c0000141.ibs.net:15999/xtapp\_Blue". The user is identified as "Heinz Steurer".

The main window is titled "Work with sales orders" and is in "Fast entry" mode. The customer is "OLLECUST" (OLLE's) with an order value of 307.20 and a balance of 10,214,933,506.36. The order number is 104133. The current line item is "10 SUIITEM31" with a quantity of 1 PCS, dated 6/16/2017, and warehouse NDC. The item description is "Surendra's Item for R10DIS/136".

A search dropdown is visible for the item "hond", listing the following suggestions:

- /HONDA/BLUE - test bike1 honda BLUE
- /HONDA/GREEN - test bike1 honda GREEN
- /HONDA/ORANGE - test bike1 honda ORANGE
- /HONDA/PINK - test bike1 honda PINK
- /HONDA/RED - test bike1 honda RED
- /HONDA/WHITE - test bike1 honda WHITE
- /HONDA/YELLOW - test bike1 honda YELLOW
- ADI/HONDA/BLACK - Adi bike details honda black
- ADI/HONDA/BLUE - Adi bike details honda bike
- ADI/HONDA/RED - Adi bike details honda red

At the bottom of the interface, there are buttons for "OK", "Close order", "Smart order entry", "Addresses", "Header", "Line entry", "Generate item", "Schedule", "Item crossreference", and "Order settlements".

## Data export security

It is now possible to secure the export features of the XT Client, e.g. Export to Excel from tables and queries. For more information, please see document '**How to secure XTClient data export features**'.

Data export authorisation -  
protected panels (comma-  
separated. Blank=All  
protected)

Data export authorisation -  
authorised supplemental  
groups (comma-separated.  
Blank=All authorised)

## View Switcher

The view switcher window is used to switch between views in the client workbench. The function can be accessed from the 'Windows' pull down menu.

You can use **Ctrl-Z** as shortcut to open the View switcher.

### Navigation:

Hold down the Ctrl key and jump between views with the Z key. Switch to the selected view by releasing the Ctrl key.

Alternatively, use Arrow-up, Arrow-Down to scroll. Arrow-Right or Enter to switch to selected view. Arrow-Left or Esc to cancel.

**Note!** Releasing the Ctrl-key will not switch view when running the thin client. Press the Enter-key instead.

The screenshot displays the Iptor XT Client v4.0.0.0 interface. The browser title bar shows 'Iptor XT Client v4.0.0.0, User: HRS, Company: DV - Development release 10.01, Dispatcher: DC1, Server time: 6/29/2017 7:02:54 AM CEST - Google Chrome'. The address bar shows 'c0000141.ibs.net:15999/xtapp\_Blue'. The main interface has a blue header with the 'iptor' logo and the user name 'Heinz Steurer'. Below the header is a navigation bar with icons for home, print, refresh, help, grid, chat, attachments, settings, and document. A search bar and 'Development release 10.01' are also present. The main content area is titled 'Work with sales orders > Order lines' and shows a customer 'OLLECUST' with an order value of 307.20 and a balance of 10,214,933,506.36. A table lists order items with columns for 'Order qty', 'Unit', and 'Net amount GBP', showing one item with quantity 1 and unit PCS for a net amount of 256.00. A 'Switch view' dialog box is open in the center, listing available views: 'DC1', 'Quick Links', 'Attachments', 'Work with sales orders' (selected), 'Work with items', and 'Work with sales pricing methods'. Each view is labeled as a 'Panel'. The dialog has 'OK', 'Cancel', and 'Tips' buttons. At the bottom of the main interface, there are several action buttons: 'OK', 'Close order', 'Smart order entry', 'Cust info', 'Addresses', 'Header', 'Find item', 'Fast entry', 'Change mode', and 'Generate item'.

## Shortcuts to menus

**Ctrl-F9** is the shortcut to the client's main menu. **Ctrl-F10** is the shortcut to the panel menu.

The screenshot displays the Iptor XT Client v4.0.0.0 interface. The browser title bar shows "Iptor XT Client v4.0.0.0, User: HRS, Company: DV - Development release 10.01, Dispatcher: DC1, Server time: 6/29/2017 7:02:54 AM CEST - Google Chrome". The address bar contains "c0000141.ibs.net:15999/xtapp\_Blue".

The interface features a blue header with the "iptor" logo and the user name "Heinz Steurer". Below the header is a navigation bar with icons for home, refresh, help, grid, chat, print, settings, and document. A search bar labeled "Search help" and a version indicator "Development release 10.01" are also present.

The main content area is divided into three sections:

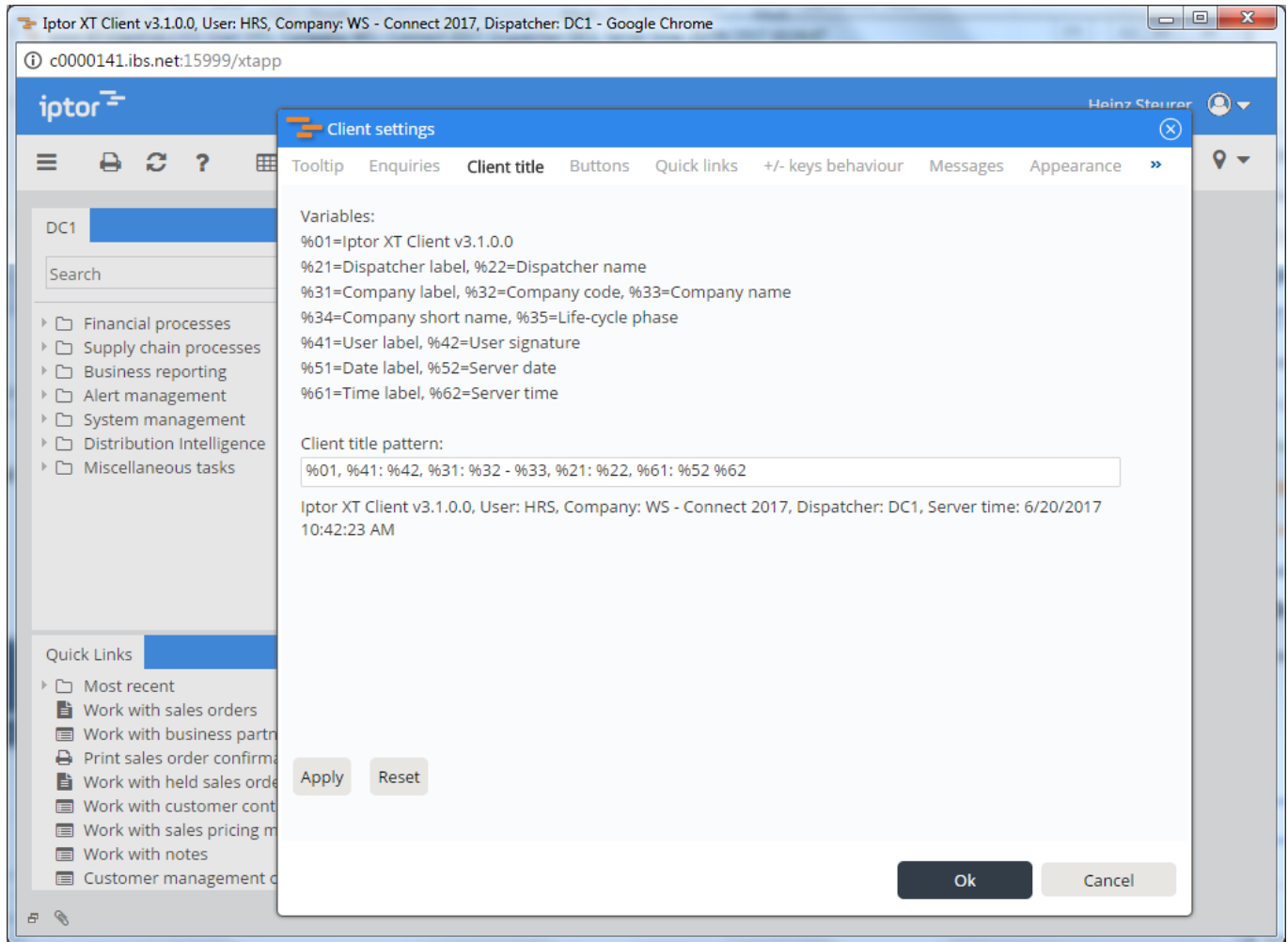
- Main menu:** A sidebar on the left containing a search bar and a list of categories: Financial processes, Supply chain processes, Business reporting, Alert management, System management, and Distribution Intelligence. Below this is a "Quick Links" section with items like "Most recent", "Work with sales orders", "Work with business partners", "Print sales order confirmations", "Work with held sales orders", "Work with customer contracts", "Work with sales pricing methods", "Work with notes", "Customer management console", and "Work with items". At the bottom of the sidebar is an "Attachments" section with a "Business partner" entry.
- Work with sales orders > Order lines:** The central area displays order details for customer "OLLECUST" (OLLE's). Fields include "Order number: 104133", "Credit limit", "Order val: 307.20", and "Balance: 10,214,933,506.36". A table shows one order line:

Err	Line	Whs	Item	Order qty	Unit	Net amount GBP
	10	NDC	SUITEM31	1	PCS	256.00
- Panel menu:** A sidebar on the right containing a search bar and a list of categories: Most recent, Work with sales orders, Work with business partners, Print sales order confirmations, Work with held sales orders, Work with customer contracts, Work with sales pricing methods, Work with notes, Customer management console, and Work with items. Below this is an "Attachments" section with a "Business partner" entry.

At the bottom of the main content area, there are several input fields for "Whs", "Item/assortment", "Quantity", "Unit", "Dispatch date", and "Req del date". Below these are fields for "OFR", "Nat", "Port", "OT", "Price", "Price unit", "Discount ID", "Disc amount", "Disc%", and "FOC". A row of buttons is located at the bottom of the interface, including "OK", "Close order", "Smart order entry", "Cust info", "Addresses", "Header", "Find item", "Fast entry", "Change mode", and "Generate item".

## Client title settings improvements


Two new choices, company short name and life-cycle phase has been added to the client title setting dialogue. The dialogue has been changed in order to let the user control the display sequence of the different title segments.



## XT Admin

### New style

New colors, fonts and images.

C0000141

[Current server](#) | [Services](#) | [Connections](#) | [Miscellaneous](#) | [Help](#) | [Iptor.com](#)

[Change server](#)

### Services

Name	Actions	Add to quick links
☰ <b>XT Dispatcher</b>	start all - stop all - dispatchers	<input type="checkbox"/>
■ DC1 (17999)	stop - configure - log - messages - layouts - block - apply - status	
☰ <b>XTUI Server</b>	start all - stop all - UI servers	<input type="checkbox"/>
■ UI Server1 (15999)	stop - configure - log - reload client config - status - go to site	

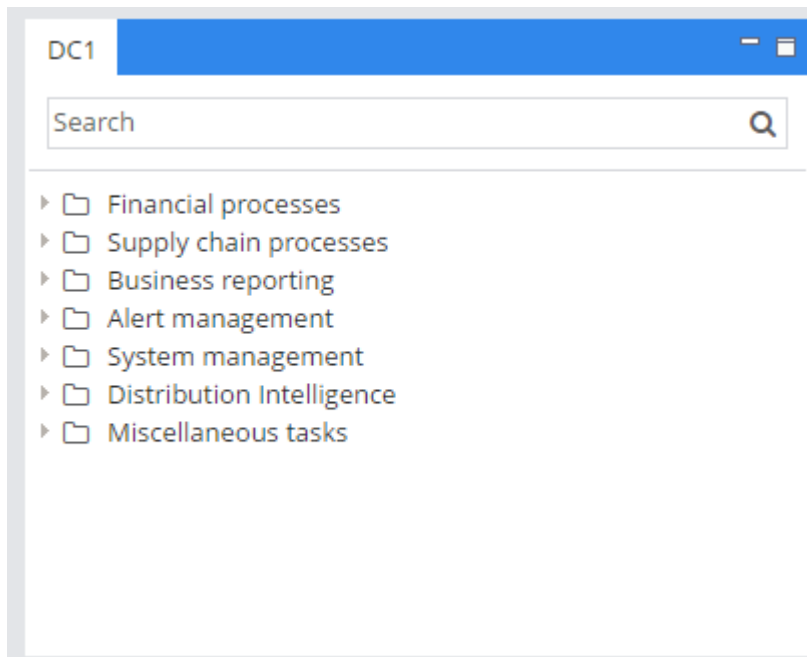
[Refresh](#)

[Update](#)

## Back-end application name

New dispatcher setting. This name is used as client menu structure tab label.

Back-end application name



## API properties

Iptor Aperiō Open API framework configuration.


### API properties

API service library list (comma-separated names)

Live search enabled

## Help query format

The new client has a search field linked to the help system. The search field is shown if the help query format is configured. Leave this property blank if the help system does not support search parameters. For the Iptor Help center this value must be `?s=%s&submit=+`

C0000141

[Current server](#) | [Services](#) | [Connections](#) | [Miscellaneous](#) | [Help](#) | [Iptor.com](#) Change server

---

### Dispatcher help properties

Active

---

Server addresses

URL	Locale
<input type="text" value="http://dc1help.iptor.com/r10"/>	<input type="text" value="Default"/>
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>

Standard help provider

Help provider class

Help query format

## Data export authorisation

The following properties are used to control data export from XT client.

Data export authorisation -  
protected panels (comma-  
separated. Blank=All  
protected)

Data export authorisation -  
authorised supplemental  
groups (comma-separated.  
Blank=All authorised)

## Extended attachment upload control

By providing a limit for suffix “\*.\*” you can control the total maximum size of attachments per key. In the above configuration example the total size of all attached files for a certain key, e.g. a business partner ID, must not exceed 5 MB.

XT Dispatcher XML node for attachment upload control:

```
<attachmentsizes>
<file limit="0" suffix="default"/>
    <file limit="5000" suffix="*.*/>
    <file limit="100" suffix="TXT"/>
    <file limit="2000" suffix="PNG"/>
    <file limit="2000" suffix="JPG"/>
    <file limit="2000" suffix="PDF"/>
</attachmentsizes>
```

## Documentation

- XT UI Installation and Upgrade Guide 4.0 (new)
- Navigating in XT Client 4.0 (new)
- XT UI Solution Guide 4.0 (new)
- XT UI Sizing Guide (updated)
- XT Attachment and Templates Guide (updated)
- How to secure XT Client data export features (new)

## Miscellaneous

- Uses latest version of Java
- Uses Tomcat 8.5
- Uses latest version of Apache POI, (MS Office integration)
- Corrected JIRA issues

## v3.0.0

### Client

- **Workbench enhancements**
  - Minimize views to toolbar (Fast view) [Fig 1.](#)
  - Undock views from the workbench. [Fig 2.](#)
  - ‘Views’ menu added to Window pull down menu. [Fig 3.](#)
  - Attachments / Attachment templates show / hide functions moved from client settings to Views menu. [Fig 4.](#)
  - Keep attachments minimized setting moved from client settings to Attachments view menu. [Fig 5.](#)
- **User defined double-click action for tables.** See Appendix [Fig 6.](#)
- Colour coding server jobs. [Fig 7.](#)
- User defined formatting of date and numbers. [Fig 12.](#)
- Additional server message notification types. [Fig 10.](#)
- XT Attachment Quick View. [Fig 11.](#)

### Miscellaneous

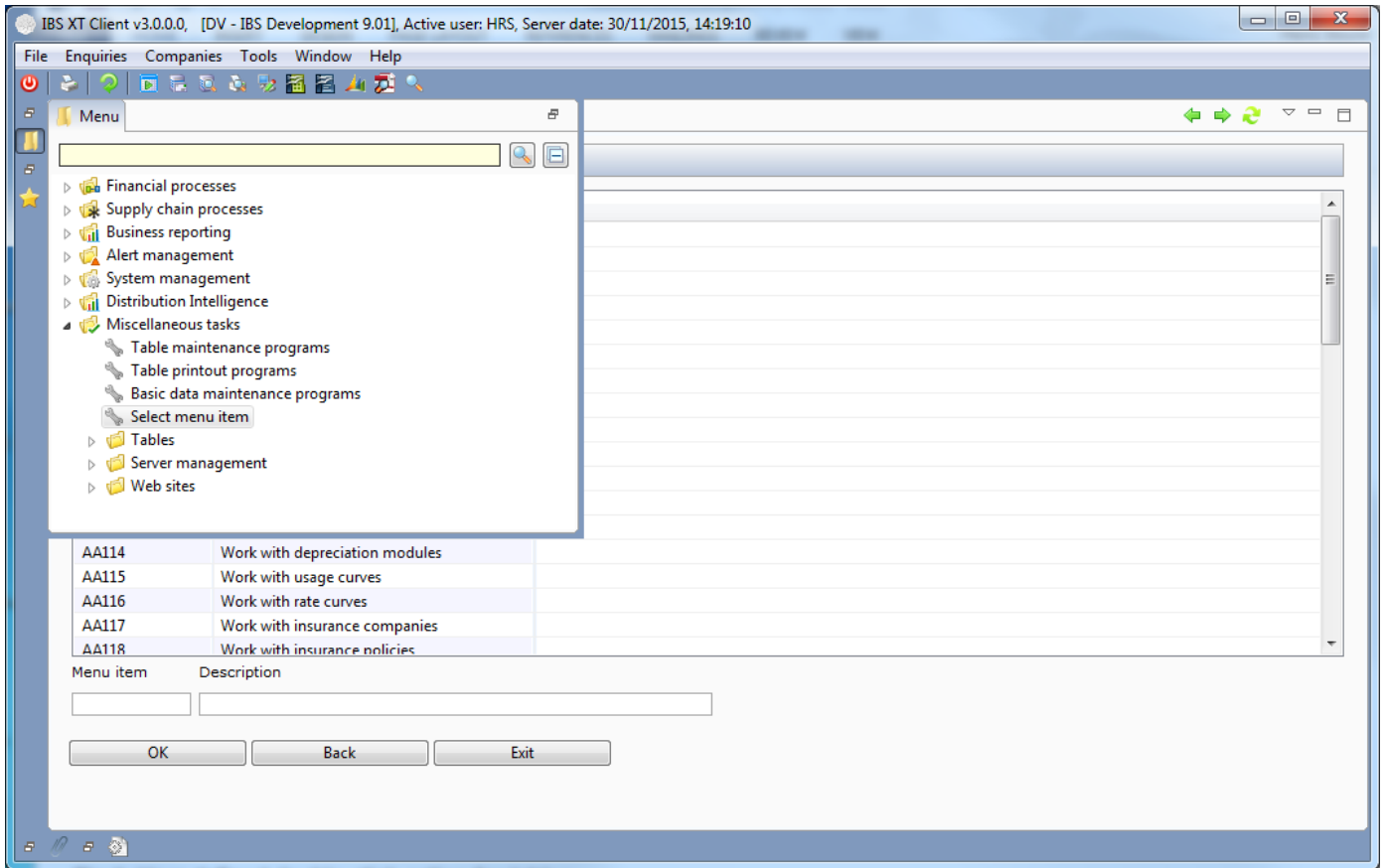
- XT Client based on latest Eclipse technology (E4)
- All XT components are running on latest Java 8 version
- CSS (Cascading Style Sheets) support for Windows and Web client
- Client themes can be defaulted or forced on dispatcher and company level. [Fig 8.](#)

- **Login theme added as dispatcher's client property**
- **Additional Client themes available [Fig 9](#).**
- **Documentation**
  - XT UI Installation and Upgrade guide (updated)
  - XT Attachments and Templates guide (updated)
  - How to set up compact XT Client (updated)
  - XT UI Client themes catalogue (new)
  - XT UI Client themes guide (new)
  - Navigating in XTClient3.0 (new)
- **XT Server / Studio installation no longer supported on 32-bit systems**
- **Corrected JIRA issues**

## Appendix

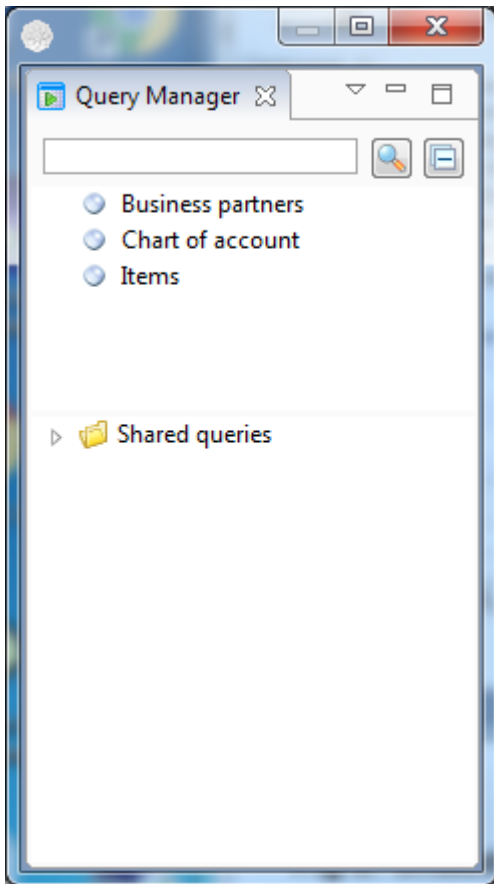
### Fig 1: Minimize views to toolbar (Fast view)

Views can be minimized to the toolbar. In this example the menu structure is minimized. Click on the icon – select a menu option- The functions starts – the menu automatically goes back to minimized state.



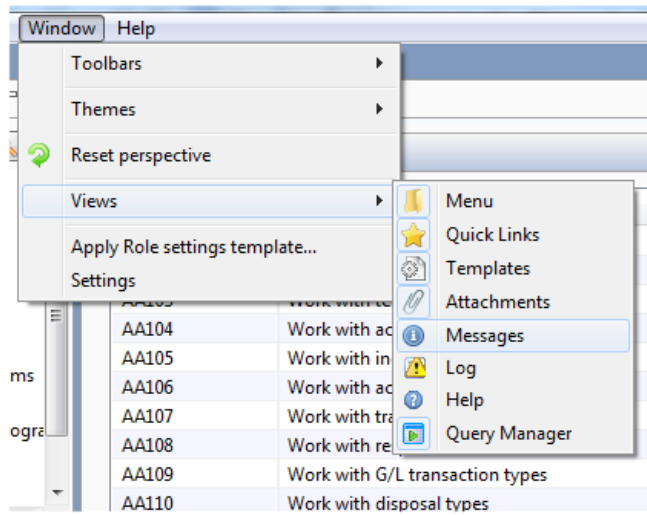
## Fig 2: Undock views from the workbench

You can now drag views outside the workbench (Undock). In this example the Query manager view has been undocked.



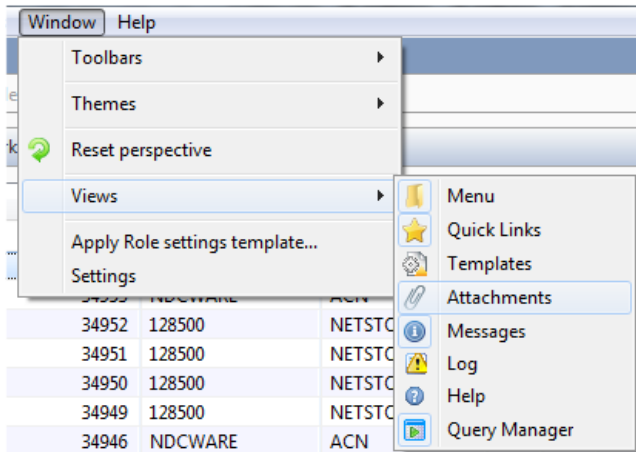
### Fig 3 'Views' menu added to Window pull down menu

A new menu named 'Views' has been added to the Windows pull-down menu. If a view has been closed by mistake you can re-open it from here. Tip: You can always use the 'Reset perspective' function to reset the workbench.



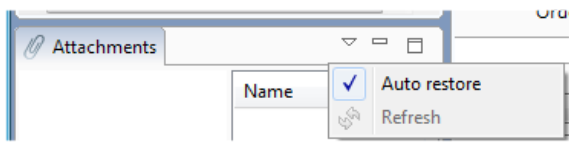
#### Fig 4: Attachments / Attachment templates show / hide functions moved from client settings to Views menu

You can toggle between active / inactive by clicking on the Attachments and template views on the 'Views' menu.



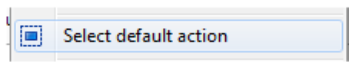
## Fig 5: Keep attachments minimized setting moved from client settings to Attachments view menu

You can avoid attachments pop-up by unchecking 'Auto-restore' on the attachments drop-down menu.

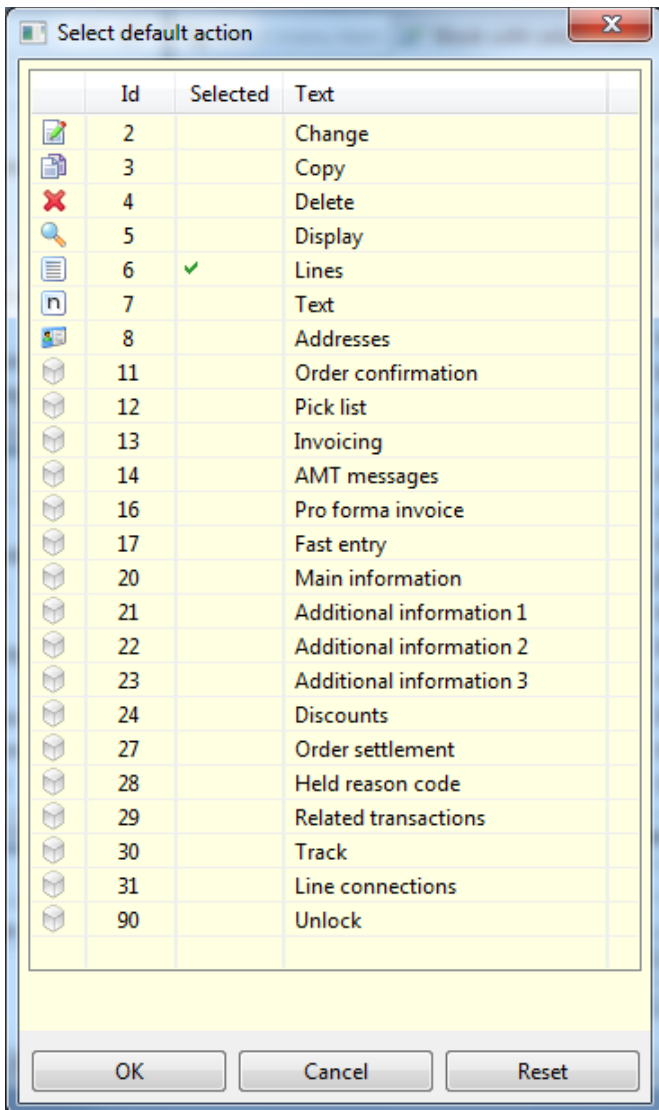


## Fig 6: User defined double-click action for tables

The user can now configure the table menu option to run when double-clicking on table rows.



To start configuration select option 'Select default action' from the tables context menu.



Select the default action by double-clicking on one of the options.

## Fig 7: Colour coding server jobs

The server jobs are colour coded depending on job status. The different colours are defined in the theme CSS file.

The screenshot shows the 'Display server jobs' window in the IBS XT Client. The window title is 'IBS XT Client v3.0.0.0, [DV - IBS Development 9.01], Active user: HRS'. The main area contains a table of server jobs. The table has the following columns: Job name, Job date, Job time, Job user, Current user, Function, Job type, Status, and Job ID. The jobs are color-coded based on their status: Scheduled (yellow), Active (green), Output queue (blue), and Held (red). A legend at the bottom explains the color coding.

Job name	Job date	Job time	Job user	Current user	Function	Job type	Status	Job ID
XTAE502D3D	26/11/2015	08:19:01	HRS			B	*OUTQ	9495
QZRCRSVS	24/11/2015	09:03:11	QUSER	HRS		B	*ACTIVE	9183
QZHQSSRV	30/11/2015	15:03:30	QUSER	HRS		B	*ACTIVE	0099
QZRCRSVS	05/11/2015	12:40:08	QUSER	HRS		B	*ACTIVE	6465
XT289284BB	26/11/2015	08:18:24	HRS			B	*OUTQ	9495
QZRCRSVS	12/11/2015	01:03:18	QUSER	HRS		B	*ACTIVE	7415
AACC300	29/10/2015	07:46:56	HRS			B	*OUTQ	5487
QZRCRSVS	30/11/2015	13:08:29	QUSER	HRS		B	*ACTIVE	0085
XT39C7B92B	30/11/2015	13:39:13	HRS	HRS	P - ISCZUS...	B	*ACTIVE	0090
XTF9C7A6AA	30/11/2015	13:39:12	HRS	HRS	P - ISCZUS...	B	*ACTIVE	0090
ACMSLODREL	10/09/2015	14:18:01	HRS			B	*OUTQ	7680
XT2C6965B1	30/11/2015	13:32:50	HRS	HRS	P - ISCZUS...	B	*ACTIVE	0089
XT6ED26879	30/11/2015	13:32:49	HRS	HRS	P - ISCZUS...	B	*ACTIVE	0089
XTD2264565	26/11/2015	15:02:58	HRS			B	*OUTQ	9550
ACMSLODREL	23/09/2015	17:22:18	HRS			B	*OUTQ	0305

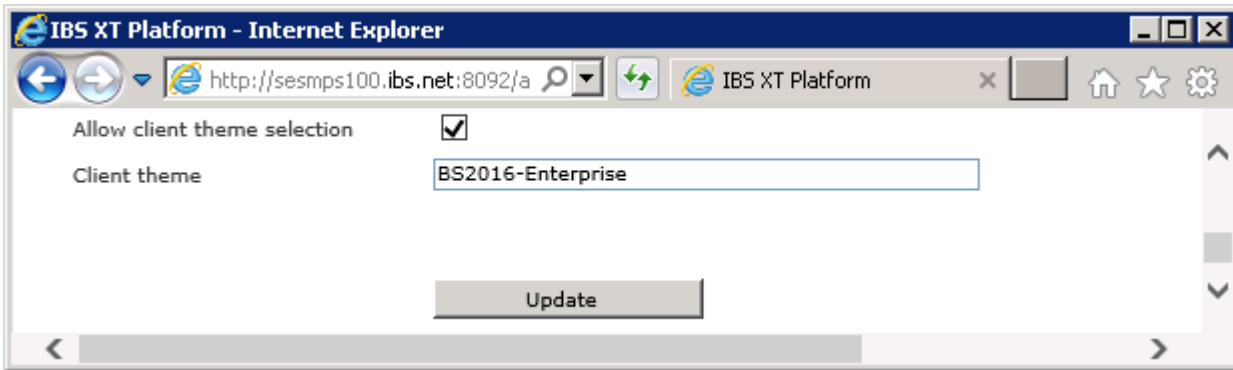
Job status colour explanation

Job queue	Scheduled	Active	Output queue	Held
-----------	-----------	--------	--------------	------

Refresh Exit

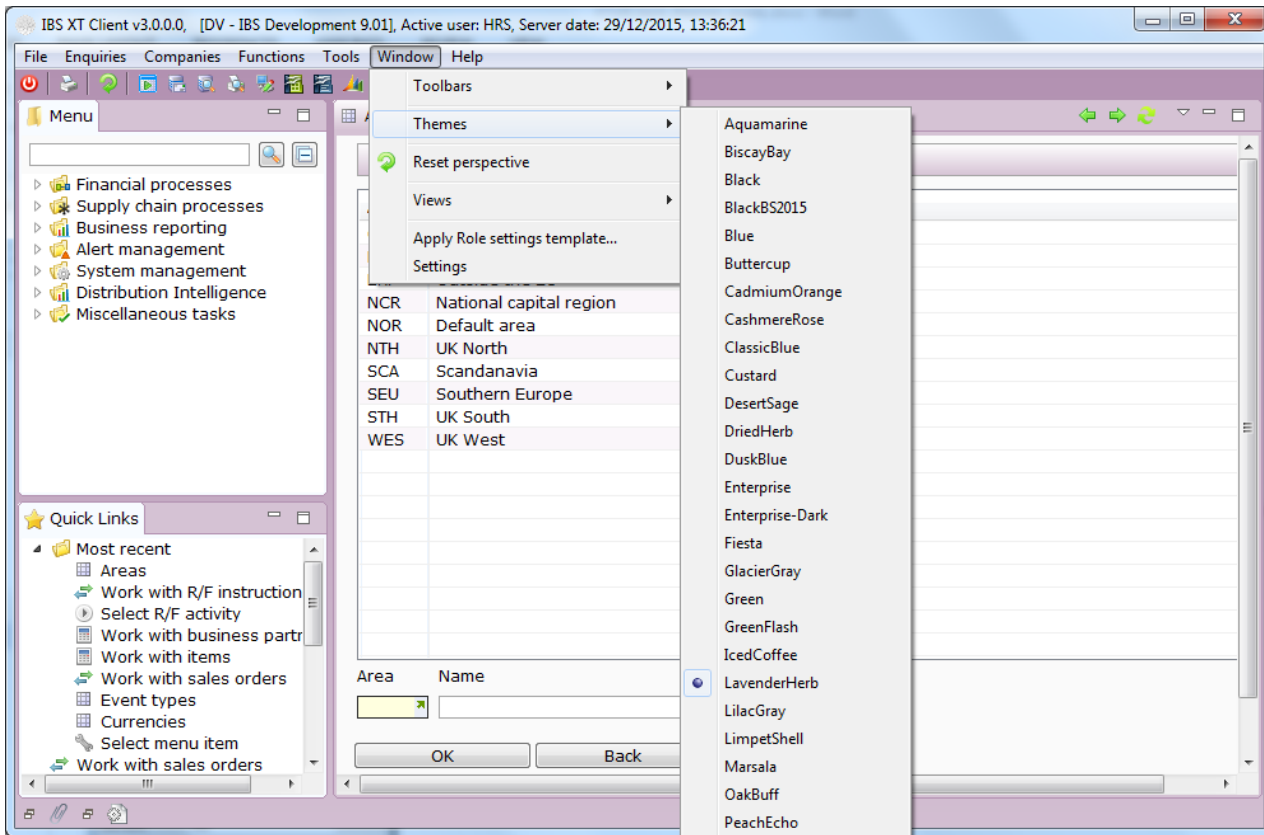
### Fig 8: Client themes can be defaulted or forced on dispatcher and company level

If 'Allow client theme selection' is selected the theme in the 'Client theme' field will be used as default for the dispatcher or company. In order to force a certain client theme you must enter the theme name in the 'Client theme' field and uncheck 'Allow theme selection'. The below settings are available on the dispatcher configuration page in XT Admin.



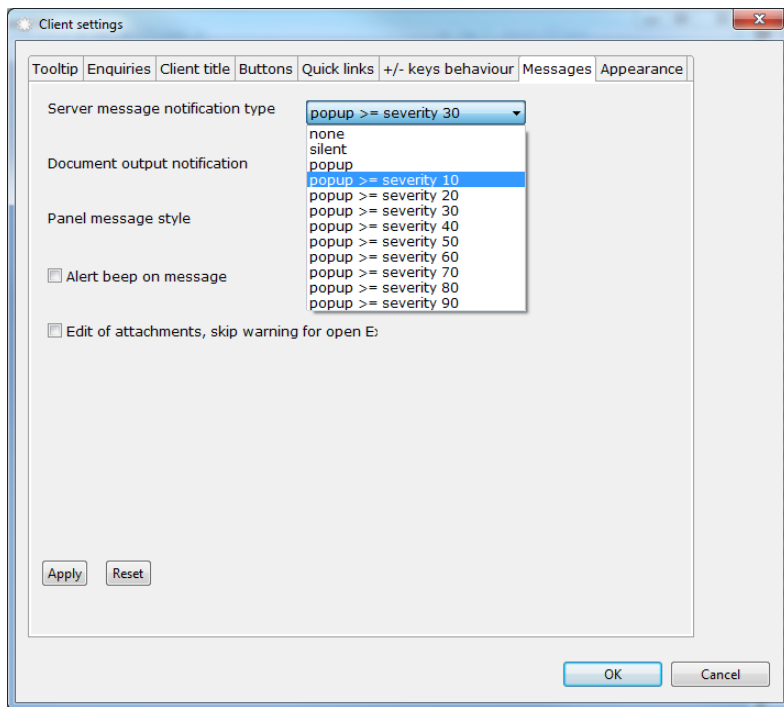
## Fig 9: Additional XT Client themes available

A set-up wizard for additional XT Client themes can be downloaded from the XT site. See document 'XT UI Client themes catalogue' for available themes.



## Fig 10: Additional server message notification types

In previous XT versions messages with severity level  $\geq 30$  were always shown in pop-up mode. New notification types have been added for control of the pop-up function per severity level.

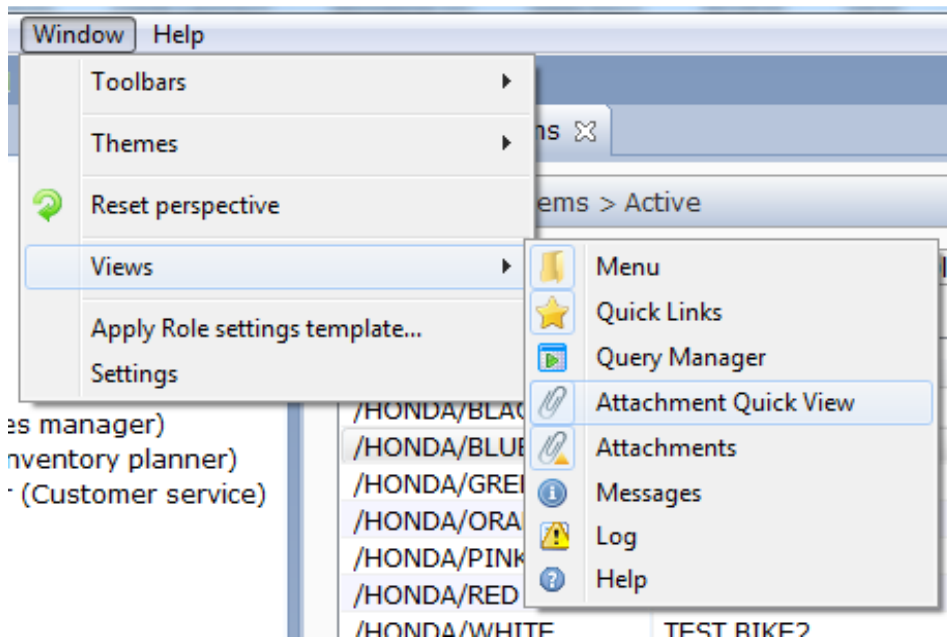


## Fig 11: XT Attachment Quick View

A new view, 'Attachment Quick View' has been added to the XT Client workbench.

### Activating the view:

To open / activate the view go to menu Window/Views and select 'Attachment Quick View'. You can use drag / drop to place the view where ever you want in your client perspective.



### How it works:

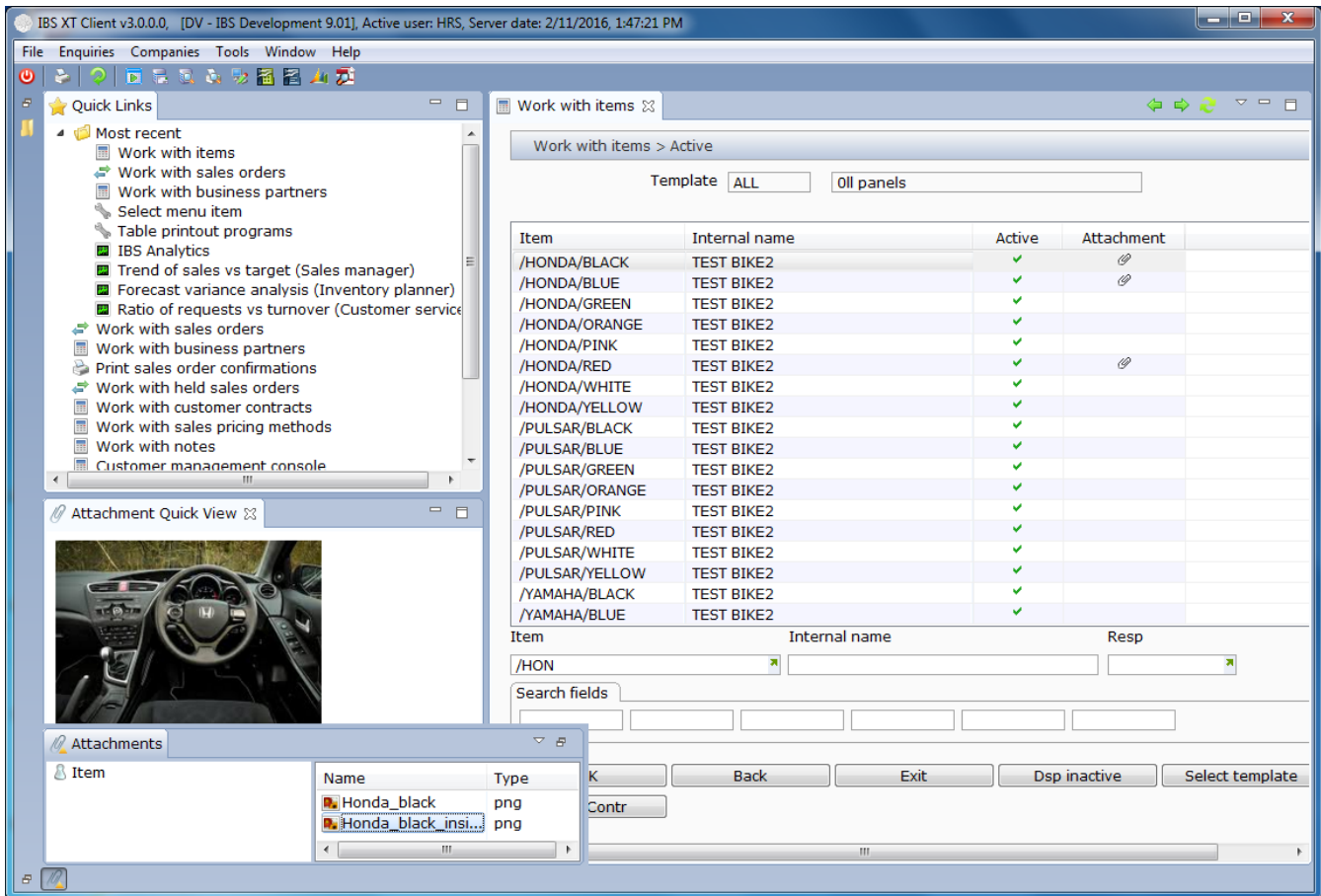
If you for example click on an item with attachments (paperclip icon) the Attachment Quick View will show the first image it finds for the selected item.

The screenshot displays the IBS XT Client v3.0.0.0 interface. The main window is titled "Work with items" and shows a list of items under the "Active" template. The "Attachment Quick View" window is open, displaying a blue car image.

Item	Internal name	Active	Attachment
/HONDA/BLACK	TEST BIKE2	✓	📎
/HONDA/BLUE	TEST BIKE2	✓	📎
/HONDA/GREEN	TEST BIKE2	✓	
/HONDA/ORANGE	TEST BIKE2	✓	
/HONDA/PINK	TEST BIKE2	✓	
/HONDA/RED	TEST BIKE2	✓	📎
/HONDA/WHITE	TEST BIKE2	✓	
/HONDA/YELLOW	TEST BIKE2	✓	
/PULSAR/BLACK	TEST BIKE2	✓	
/PULSAR/BLUE	TEST BIKE2	✓	
/PULSAR/GREEN	TEST BIKE2	✓	
/PULSAR/ORANGE	TEST BIKE2	✓	
/PULSAR/PINK	TEST BIKE2	✓	
/PULSAR/RED	TEST BIKE2	✓	
/PULSAR/WHITE	TEST BIKE2	✓	
/PULSAR/YELLOW	TEST BIKE2	✓	
/YAMAHA/BLACK	TEST BIKE2	✓	
/YAMAHA/BLUE	TEST BIKE2	✓	

The Attachment Quick View window shows a blue car image. Below the image, there are search fields and buttons: OK, Back, Exit, Dsp inactive, Select template, and View Contr.

If there are several images attached you can display them in Attachment Quick View by clicking on the attachments in the attachments view.

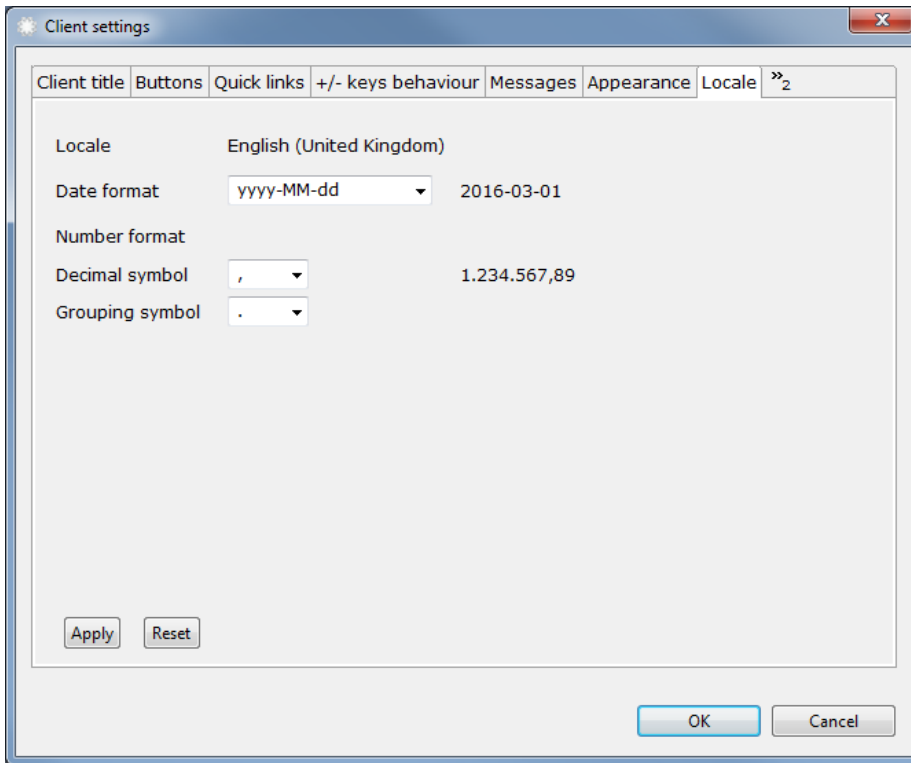


**Please note!**

In order to use the Attachment Quick View you must run the XT Windows client. Only images, text files and HTML files can be displayed with Attachment Quick View.

## Fig 12: User defined formatting of date and numbers

A new tab, 'Locale' has been added to the XT Client's settings window. Users can now configure the date and number formats to be used for the Windows and browser clients.



### Date format examples

Format	Date example
yyyy-MM-dd	2016-01-25
dd-MM-yyyy	25-01-2016
mm-DD-yyyy	01-25-2016
yyyy/MM/dd	2016/01/25
yyyy.MM.dd	2016.01.25

## v2.5.0

### Client

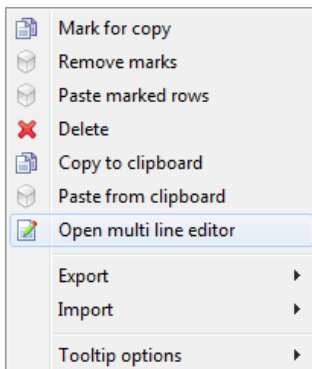
- **Multi-line editor for IBS Enterprise text editor panel.** See Appendix [Fig 1](#). For more information please see document 'How to work with IBS Enterprise Text Editor in XT UI'.
- **Display document output function.** See Appendix [Fig 2](#). For more information please see document 'Document output handling in XT UI'.
- **Display printer output, PDF as default action.** See Appendix [Fig 3](#).
- **Force server message notification pop-up for severity level  $\geq 30$ .** See Appendix [Fig 4](#).

### Miscellaneous

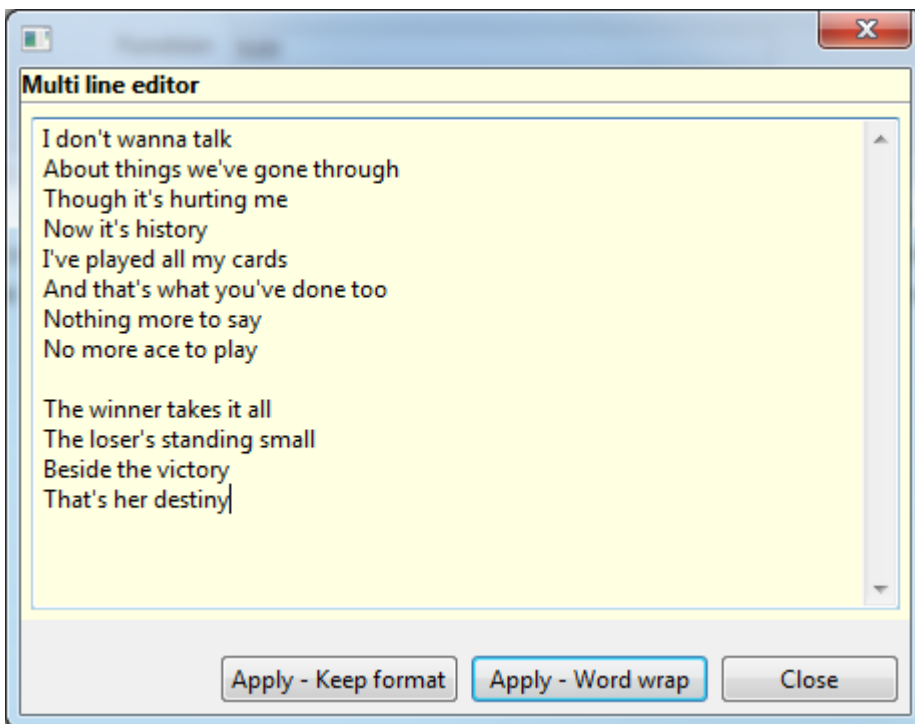
- **ExternalAttachmentServlet**, possible to send parameters without Base64 encoding by adding parameter **base64Encoded=false** to the URL.
- **Documentation updates**
  - How to work with IBS Enterprise Text Editor in XT UI (New)
  - Document output handling in XT UI (New)
  - XT Attachments and Templates Guide

## Appendix

**Fig 1: Multi-line editor for IBS Enterprise text editor panel**



Option 'Open multi line editor' has been added to the pop-up menu of the IBS Enterprise text editor panel.



In order to use this function the menu option named '**Open multi line editor**' must exist in the panel layout for GDMD385. (General text editor in IBS Enterprise). If it does not exist you need to install the following QA correction:

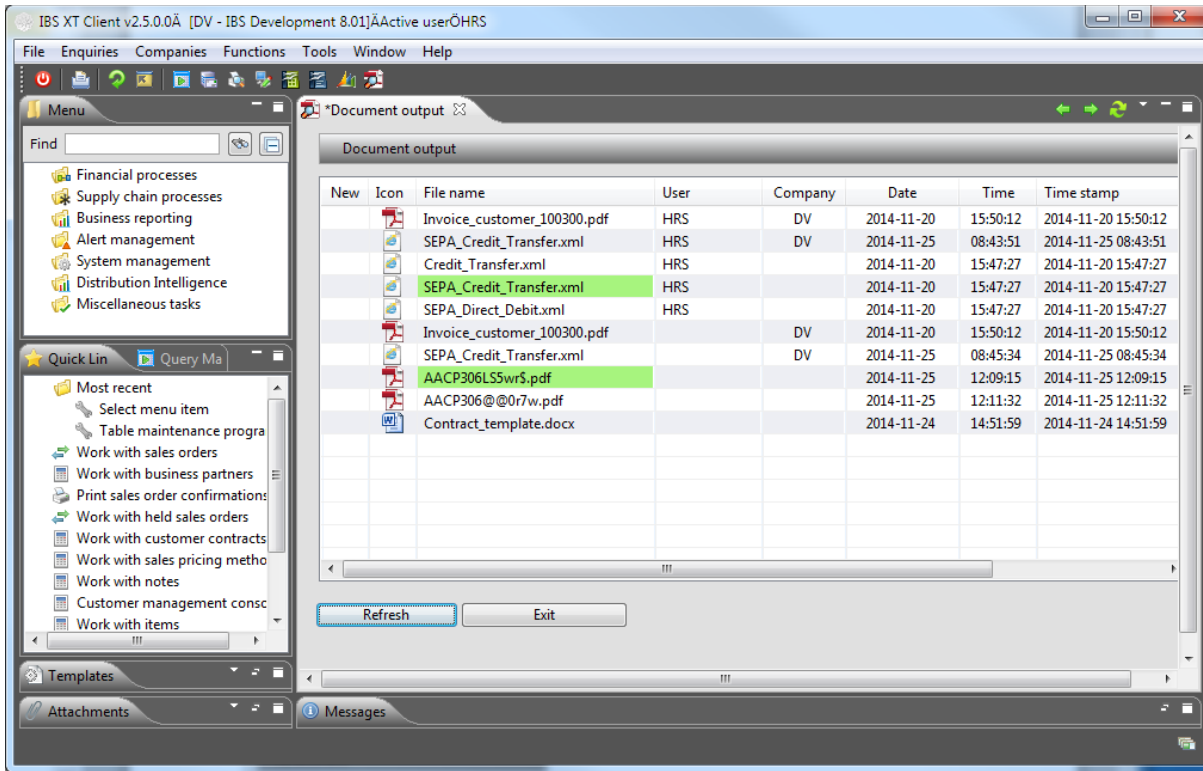
Release 7: R7GEN correction number: 342.

Release 8: R8GEN correction number: 170.

You can implement the required changes by replacing the XML code for menu6 in the layout GDMD385.xml with the code below:

```
<contextmenu id="menu6">
  <item class="CopyAction" id="Menu6Copy" text="Mark for copy" width="100">
    <action name="TextEntryCopyDelete" parameter="MARK_SELECTED"/>
  </item>
  <item id="menu6Reset" text="Remove marks" width="100">
    <action name="TextEntryCopyDelete" parameter="RESET_MARKED"/>
  </item>
  <item id="Menu6PasteBefore" image="paste" text="Paste marked rows" width="100">
    <action name="TextEntryCopyDelete" parameter="PASTE_MARKED"/>
  </item>
  <item class="DeleteAction" id="menu6Delete" text="Delete" width="100">
    <action name="TextEntryCopyDelete" parameter="DELETE_SELECTED"/>
  </item>
  <item class="CopyAction" id="Menu6Copy" image="copy" text="Copy to clipboard" width="100">
    <action name="TextEntryCopyDelete" parameter="COPY_TO_CLIPBOARD"/>
  </item>
  <item id="Menu6PasteClipBoardBefore" image="paste" text="Paste from clipboard" width="100">
    <action name="TextEntryCopyDelete" parameter="PASTE_FROM_CLIPBOARD"/>
  </item>
  <item id="Menu7MultiLineEnty" class="ChangeAction" text="Open multi line editor" width="100">
    <action name="TextEntryCopyDelete" parameter="POP_UP_TEXT_EDITOR"/>
  </item>
</contextmenu>
```

**Fig 2: Display document output function**

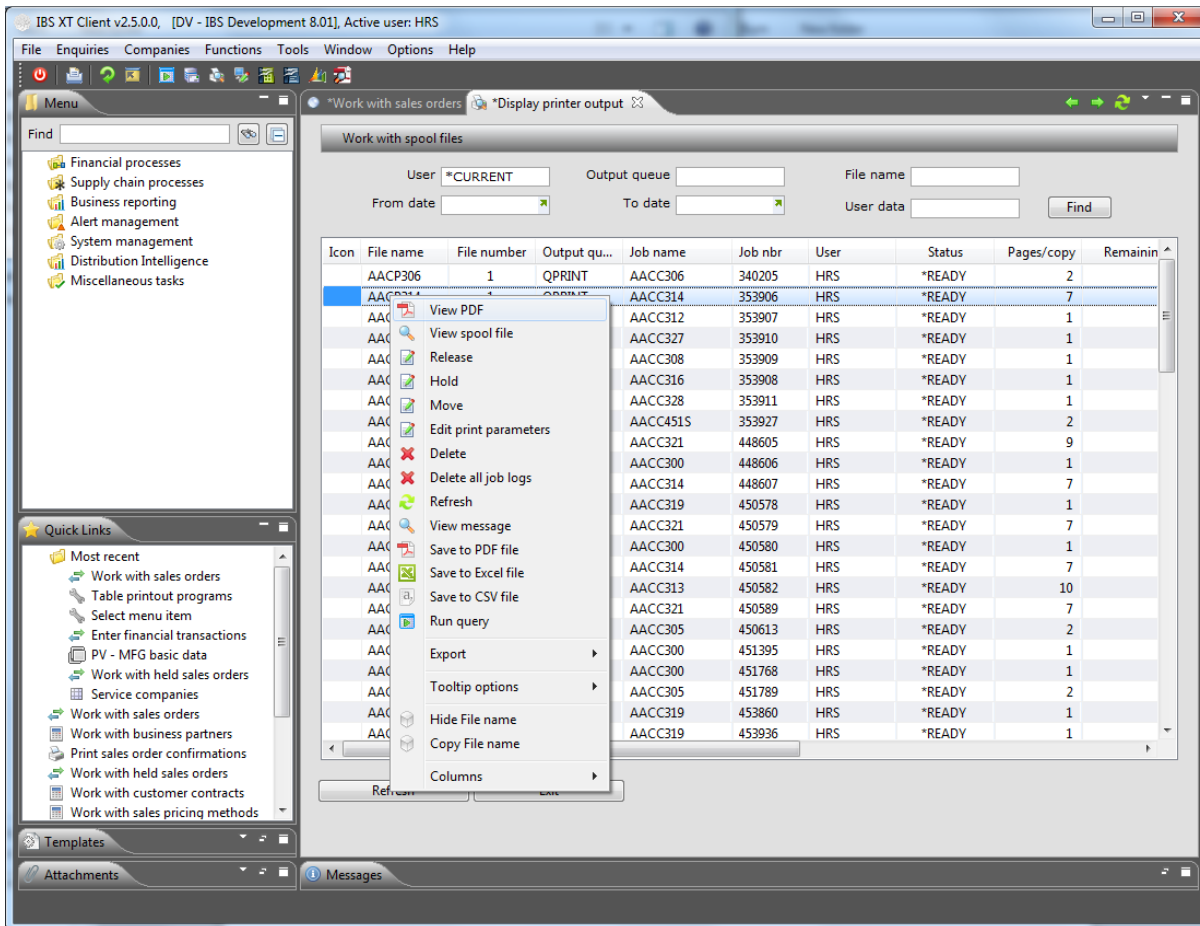


For more information please see document 'Document output handling in XT UI'.

If you want to activate the function in IBS Enterprise please apply QA correction **R8GEN/181**. You also can find a section in the 'Document output handling in XT UI' describing in detail how the function can be activated.

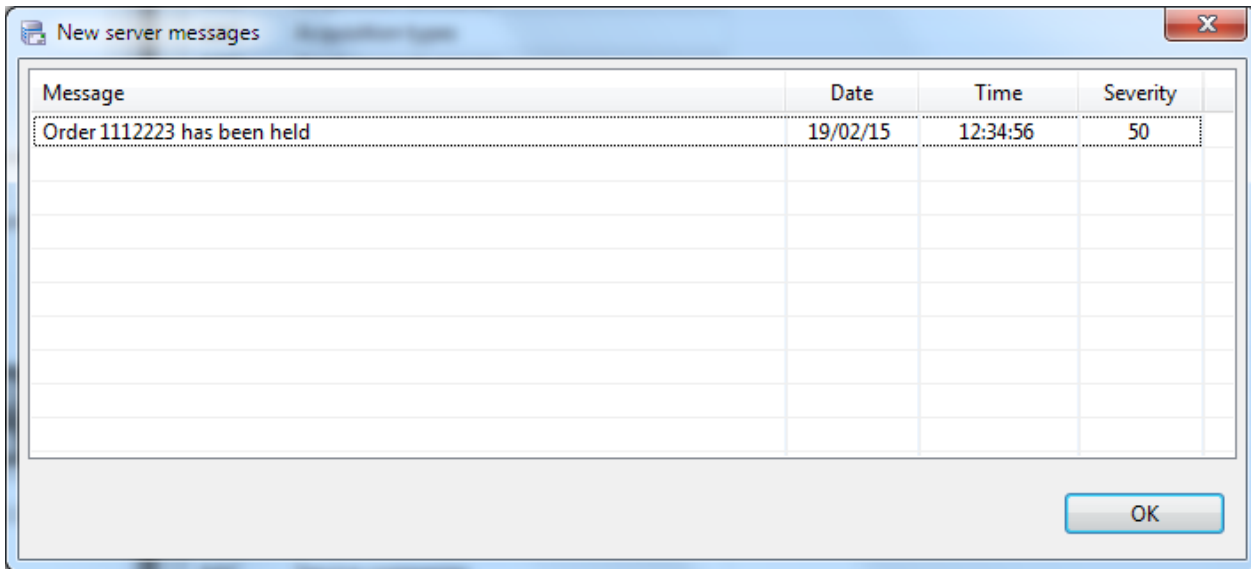
### Fig 3: Display printer output, PDF as default action

A new option, 'View PDF', has been added to the pop-up menu of the printer output view. Double-clicking on one of the printer output items will now run this option instead of the 'View spool file' option.

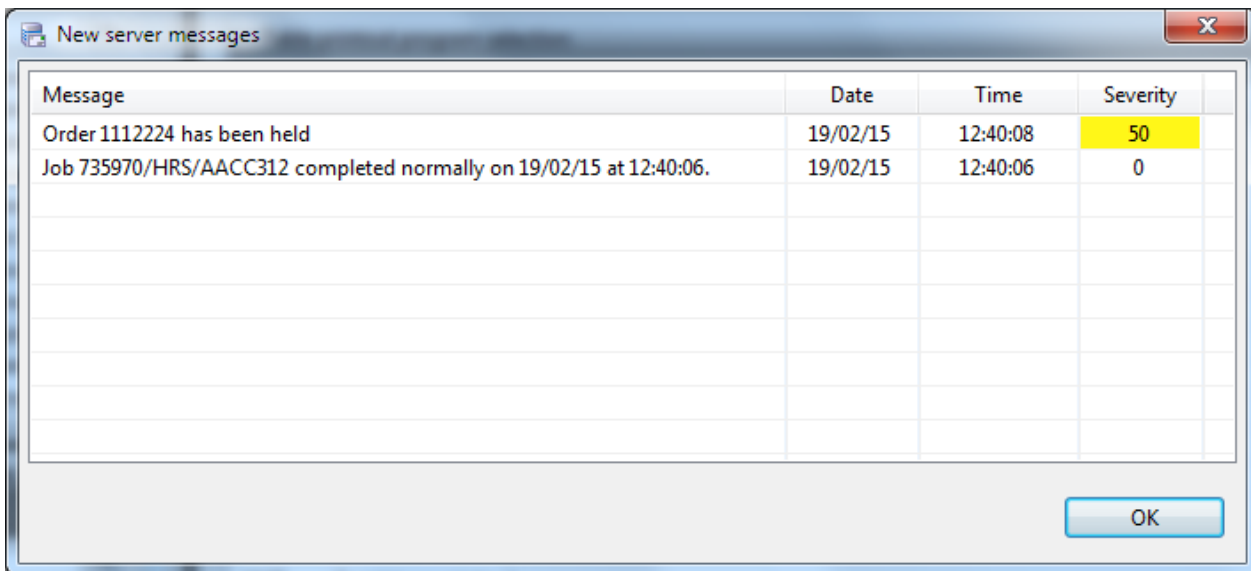


#### Fig 4: Force server message notification pop-up for severity level >= 30

If the server message severity is >= 30 'popup' will be used as notification type even if it is set to 'silent' in client preferences.



Server message pop-up dialogue - single message.



Server message pop-up dialogue - several messages.

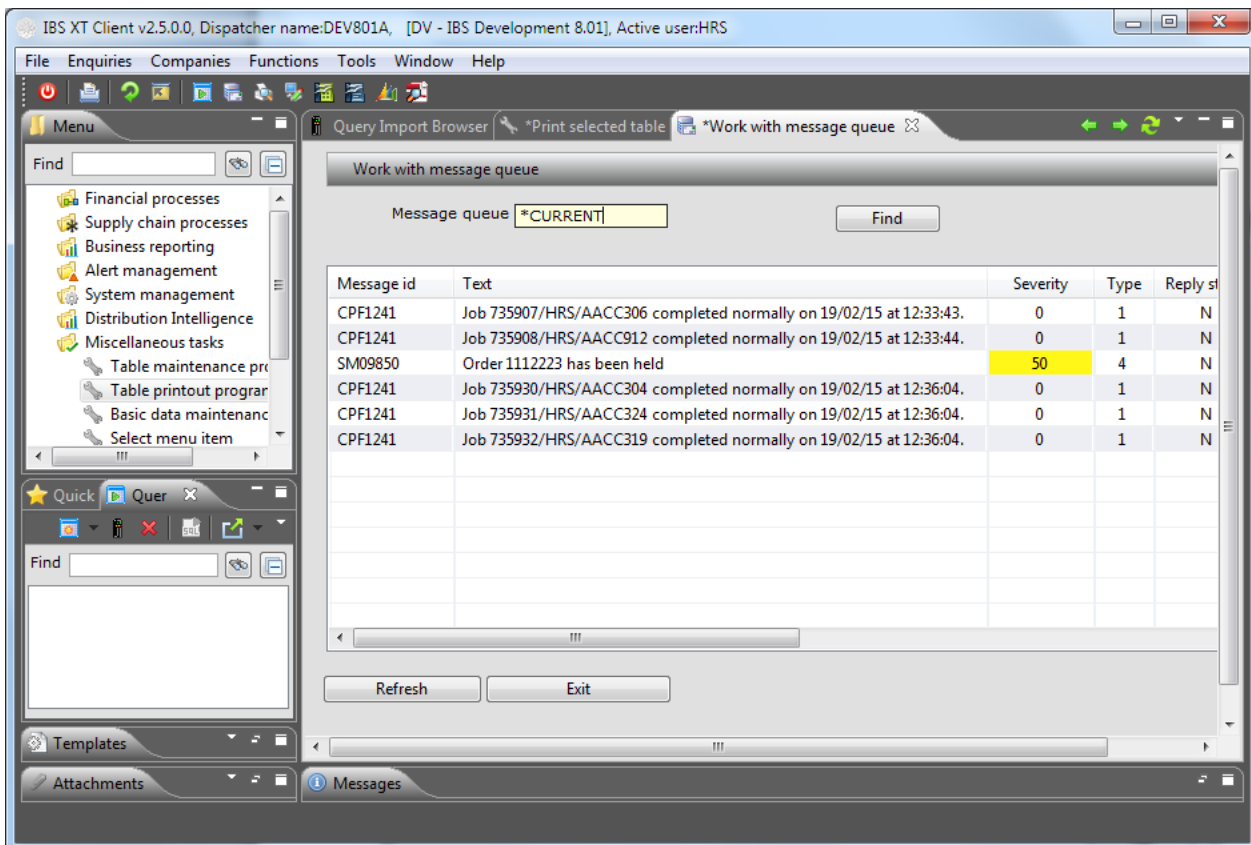
If several messages are shown in the list the messages with severity >= 30 will get a different background colour in Severity column.

The colours for the different severity levels can be changed in the colour theme.

The colour names you can change are:

[SERVER\\_MSG\\_SEVERITY\\_10\\_BG\\_COLOR](#) - [SERVER\\_MSG\\_SEVERITY\\_90\\_BG\\_COLOR](#)

Default the same colour has been assigned for severity >= 30.



Display server messages view. Messages with severity  $\geq 30$  will get a different background colour in Severity column.

For IBS Enterprise there is a new standard message **SM09850** (QA R8TEC/59) defined with severity 50 which can be used to send pop-up messages to the XT Client users.

The following OS/400 command can be used to send a pop-up message:

```
SNDAWUMSG MSGID(SM09850) MSGDTA('Order number 123456 is held') USER(SEANDLUN)
```

## v2.4.0

### Client

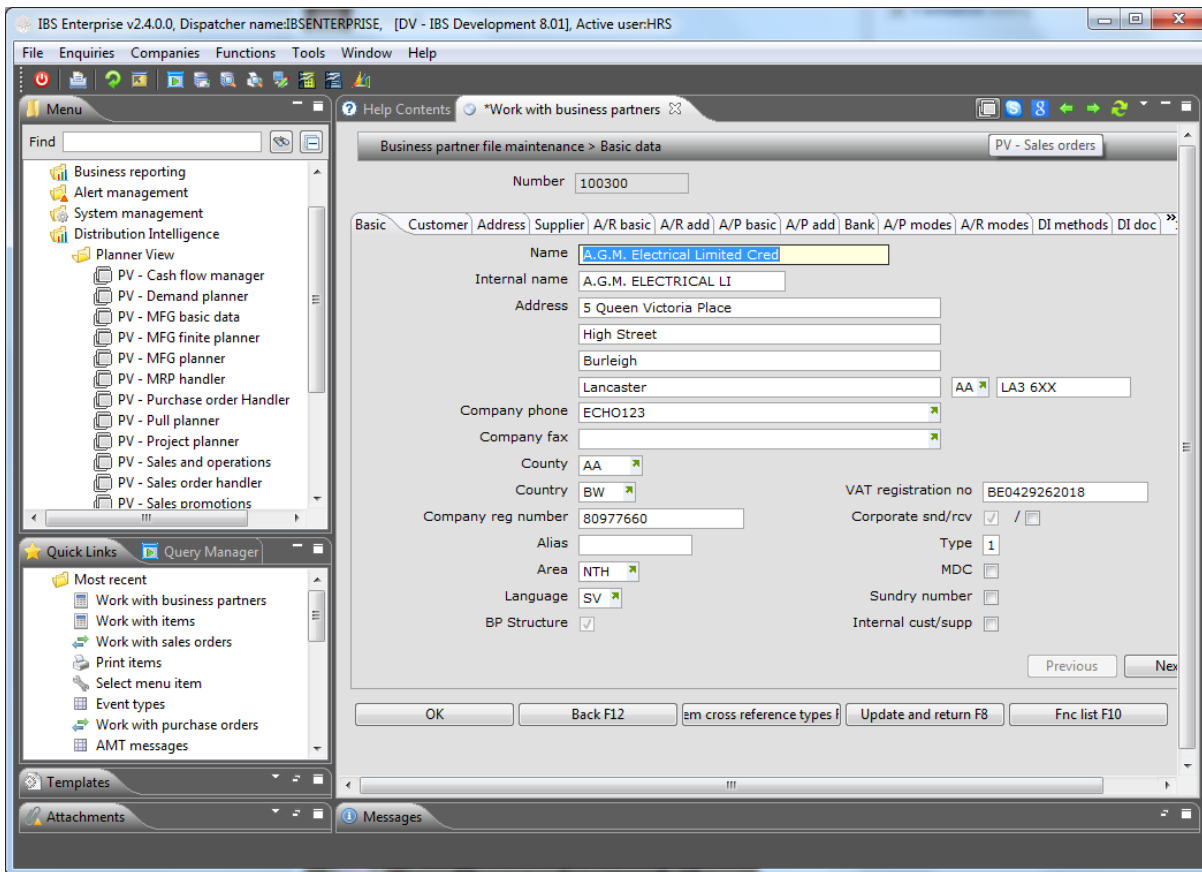
- **Application links on detail panels available as icons on panel toolbar.** See Appendix [Fig 1](#).
- **Improvements for DBCS languages**
- **Edit table column visibility dialogue, possible to sort on column name.** It makes it easier to search if there are many columns available. See Appendix [Fig 2](#).
- **Timestamp column added to server messages view allows to sort messages ascending/descending.** See Appendix [Fig 3](#).
- **Editable tables,** alternate background colour used for read-only columns in order to improve readability. See Appendix [Fig 4](#).
- **Enhanced pop-up menu option texts,** due to limitations in the 5250 interface program created menu options are often shortened and difficult to understand. These texts can now be extended in the layout. See Appendix [Fig 5](#).

## **Miscellaneous**

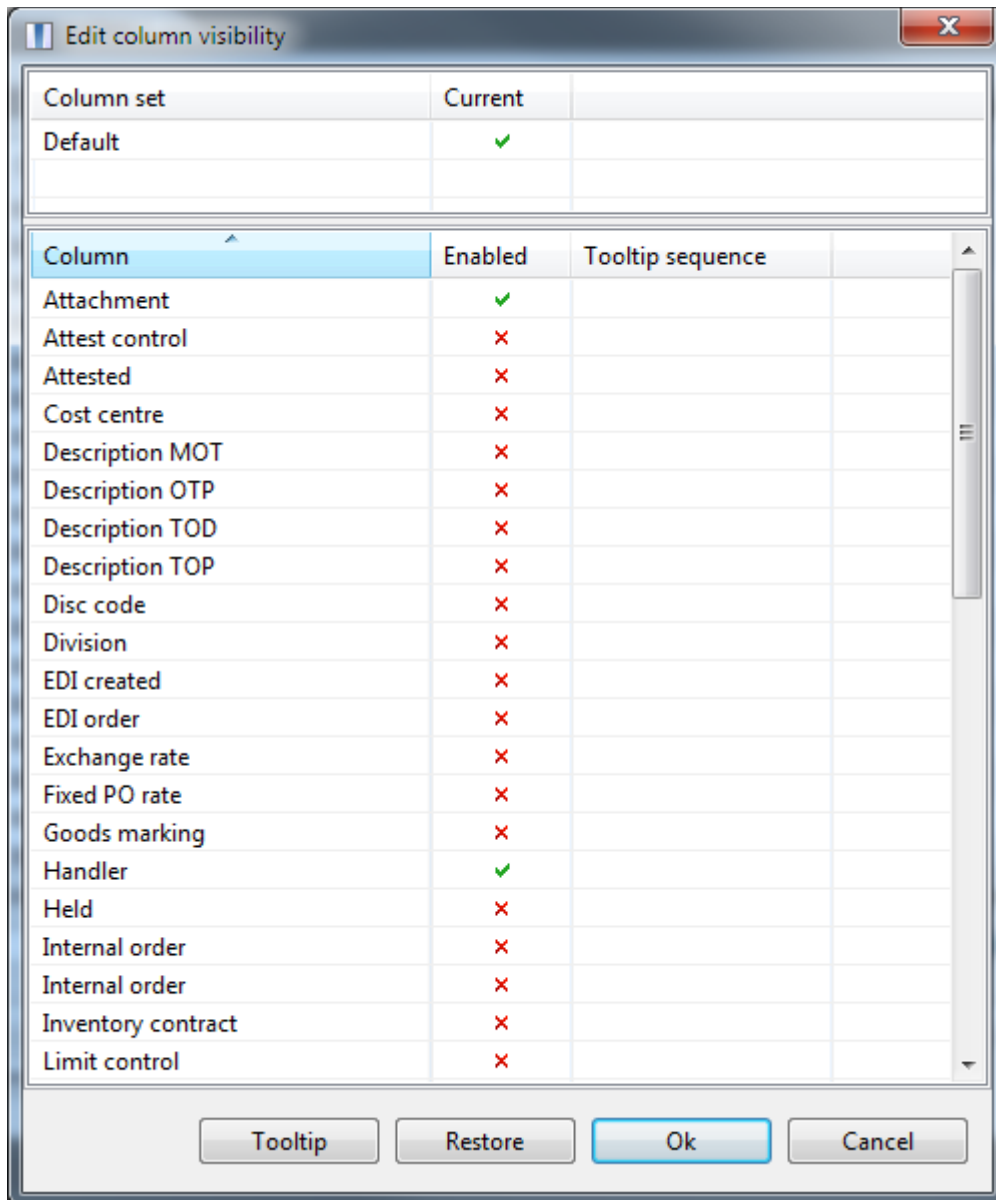
- **Thin client server (UI Server)**
  - Upgraded to latest Eclipse RAP version which improves session handling. Sessions on iSeries are now closed if the browser is closed.
- **Attachment improvements**
  - Performance improvements in order to handle large volumes. This improvement has most impact for table attachments.
  - Synchronisation of cached information when attachments are shared over several dispatchers.
- **Upgraded to latest Java version**
- **Documentation updates**
  - XT Attachments and Template Guide (Updated)
  - XT UI Installation and Upgrade Guide (Updated)

# Appendix

Fig 1: Application links available on panel toolbar

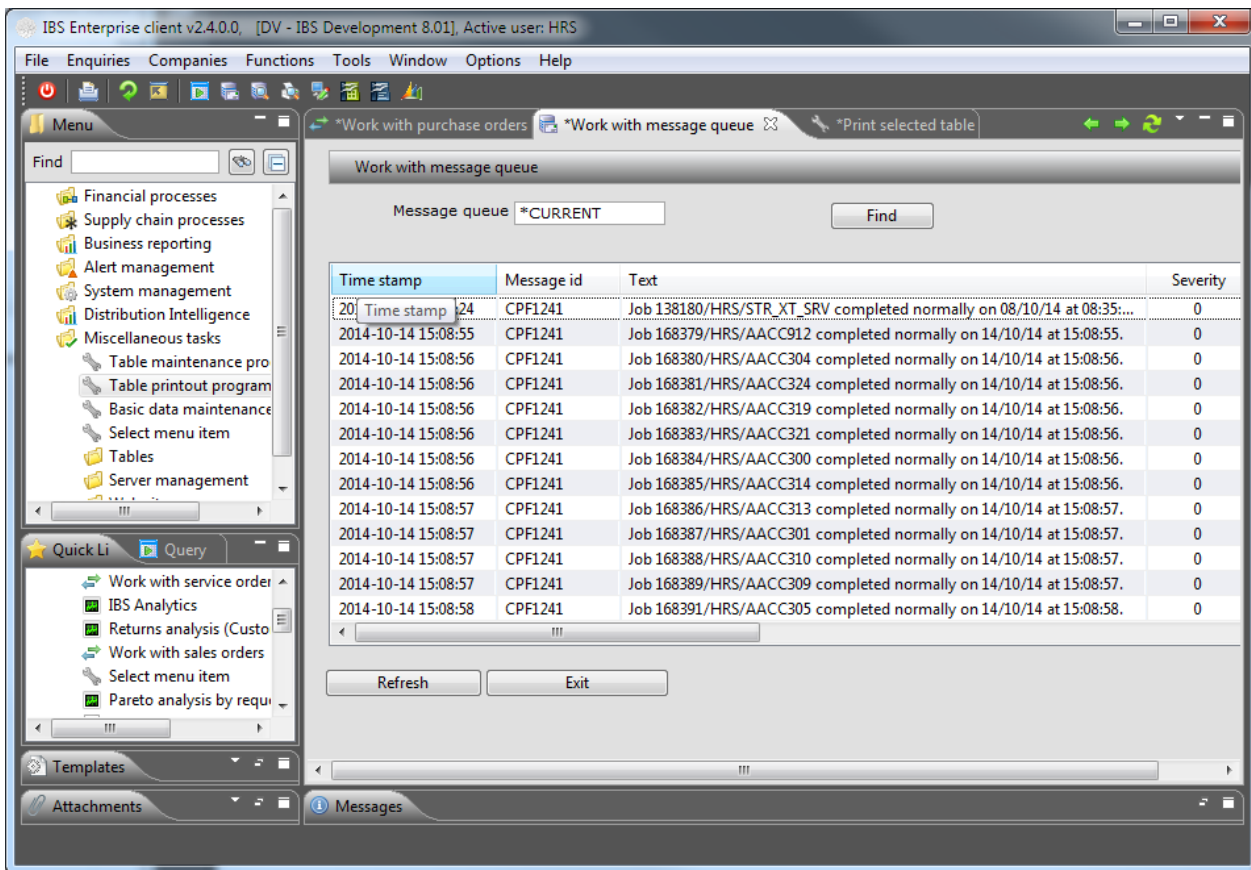


**Fig 2: Possible to sort on column name by clicking on header**



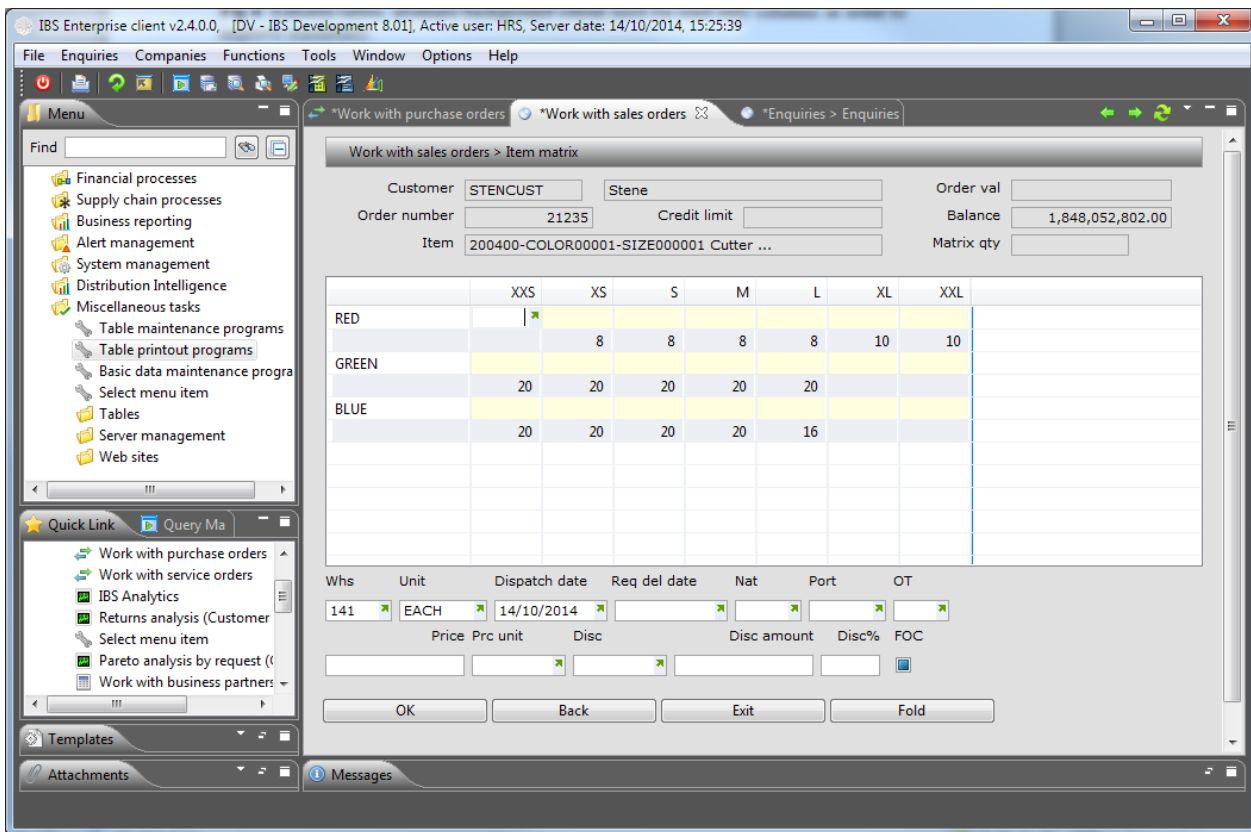
### Fig 3: Timestamp column added to server messages view

The new column allows to sort messages ascending/descending. Default this column is inactive. You can activate the column and change to descending sorting by clicking on the header.



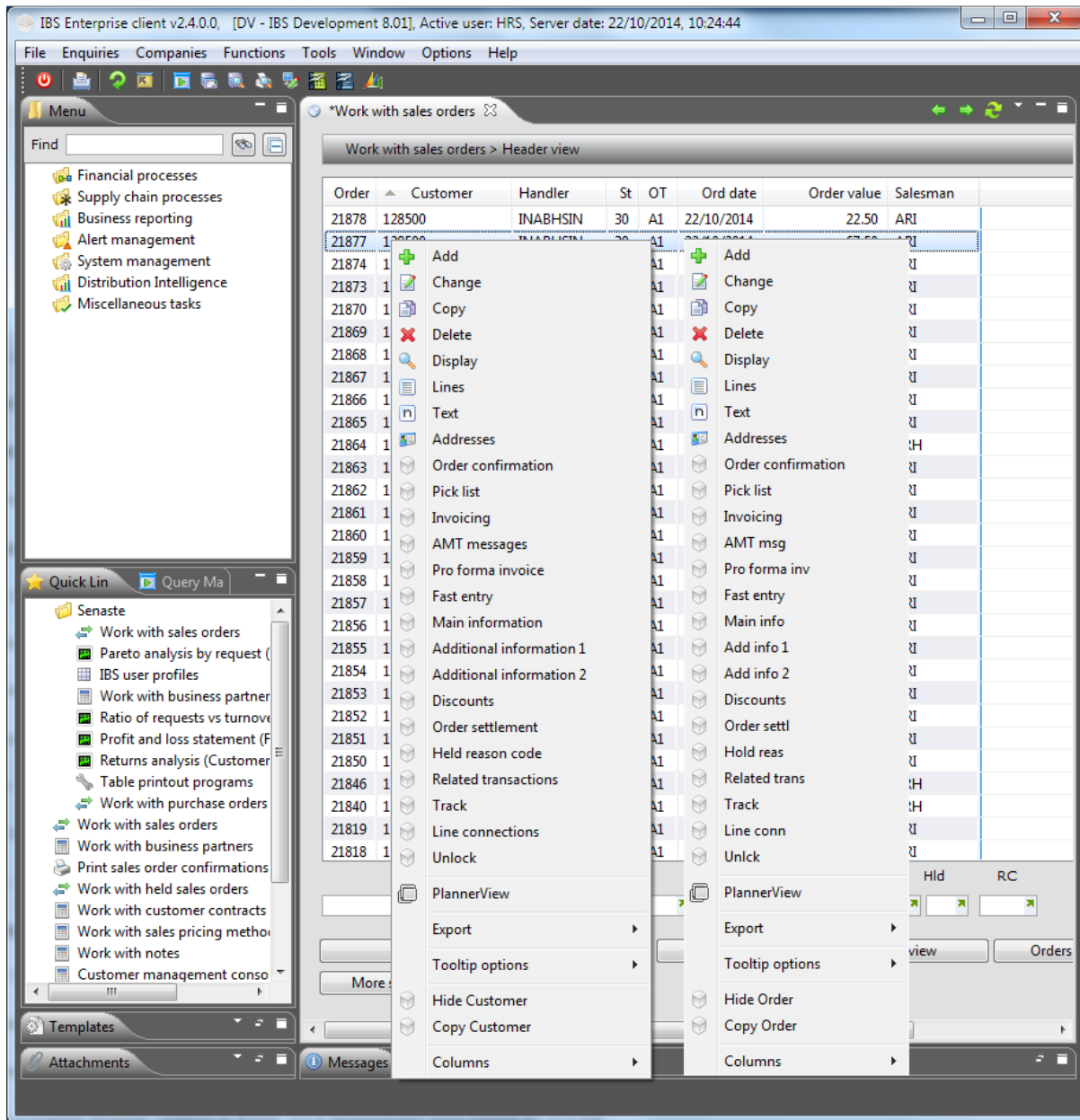
### Fig 4: Editable tables, alternate background colour

Used for read-only columns in order to improve readability



### Fig 5: Extended pop-up menu options texts

In the example below the short menu option texts in 'Work with sales orders' in IBS Enterprise, (to the right), have been overridden to long texts in the layout. This new feature can be used to enhance menu option texts that are created in the program. Such texts are often shortened in order to fit on a 5250 panel. The pop-up menu to the left shows the enhanced texts.



## v2.3.0

### Client

- **Filter function on table columns.** See Appendix [Fig 1](#).
- **Improved support for editable tables**
  - Cursor positioning can now be controlled by program.
  - Corrected tab sequence issues.
  - Corrected data import issues.
  - Corrected date column prompt issues.
- **New application link variable [app\_server].** During runtime this variable is replaced by the name of the application server (iSeries).
- **Security feature for XT Attachments.** See Appendix [Fig 2](#). Read / Write authority can be controlled on
  - All (attachments profile level)
  - Attachments category level
  - Layout level

### XT Admin

- **Dispatcher status page, possible to see type of connected clients, rich or thin**

## Miscellaneous

- **Thin client server (UI Server)**
  - Upgraded to latest Eclipse RAP version.
  - Improved session handling.
  - Eliminated memory leaks.
  - Improved logging.
- **Improved client upgrade technique**
  - XTClientWrapper.exe file removed.
  - Client upgrade features are now always installed on dispatcher. Whether to upgrade or not is controlled by parameter in client start-up shortcut.
  - Easier to run both Citrix / Terminal server clients and clients installed on user's PCs in the same XT installation.
  - For more information please see '**XT UI Installation and Upgrade Guide**', page 81.
- **Improved recovery after lost communication**
  - Can now reconnect to iSeries job after communication has been restored.
  - If reconnection to existing job is not possible the client does not hang anymore. A new session can be started.
- **Improved support for DBCS languages.**
- **New XT UI Repackaging environment with support for v2.3.0**
- **New XT Client Repackaging environment with support for v2.3.0 clients**
- **Upgraded to latest Apache PIO version (Java API for Microsoft documents)**
- **Upgraded to latest Java version**
- **Documentation updates**
  - Setting up application links in XTUI, (Updated).
  - XT UI Installation and Upgrade Guide, (Updated).
  - Using Java script in XT UI, (New).
  - XT IFS access configuration guide, (New).
  - XT Attachments and Template Guide. (Updated)

## Appendix

Fig 1: Table column filters

Filter Ord date dd/MM/yyyy

From date: 20/05/2014

To date: 22/05/2014

OK Clear filter

Right-click on Handler column and enter filter(s).

IBS Enterprise v2.3.0.0, Dispatcher name:DEV801A, [DV - IBS Development 8.01], Active user:HRS

File Enquiries Companies Functions Tools Window Options Help

Menu Find

- Financial processes
- Supply chain processes
- Business reporting
- Alert management
- System management
- Distribution Intelligence
- Miscellaneous tasks

Quick Link Query Man

- Most recent
- Work with sales orders
- Work with items
- Work with business partners
- Item category 6
- Item category 5
- Item category 4
- Item category 3
- Item category 2
- Item category 1

Templates Attachments Messages

\*Work with sales orders

Work with sales orders > Header view

Order	Customer	Handler	Sts	OT	Ord date	Line
19799	127400	NETSTORE	10	IO	21/05/2014	
Container MKO CASE2 - 5,56% fill						
19798	127400	NETSTORE	10	IO	21/05/2014	
Container MKO CASE2 - 5,56% fill						
19797	STENCUST	SESTESKA	40	SO	21/05/2014	
19796	STENCUST	SESTESKA	40	SO	21/05/2014	
19795	STENCUST	SESTESKA	40	SO	21/05/2014	2,400.000
19794	200500	ARI		A1	20/05/2014	
19793	200500	ARI		A1	20/05/2014	
19792	200500	ARI		A1	20/05/2014	
19791	ELDCUST01	ERILUND	20	CR	20/05/2014	396.800
19790	MEH001	MEH	10	SO	20/05/2014	9,350.000
19789	BLECUST	SEOLLSUN	40	SO	20/05/2014	225.000
19786	OLLECUST	SEOLLSUN	20	OS	20/05/2014	12,500.000
19785	OLLECUST	SEOLLSUN	10	SO	20/05/2014	
19784	OLLECUST	SEOLLSUN	45	OS	20/05/2014	100.000
19783	OLLECUST	SEOLLSUN	20	OS	20/05/2014	125.000
19782	OLLECUST	ERILUND	45	GB	20/05/2014	125.000

Order Customer Handler Sts OT Ord date

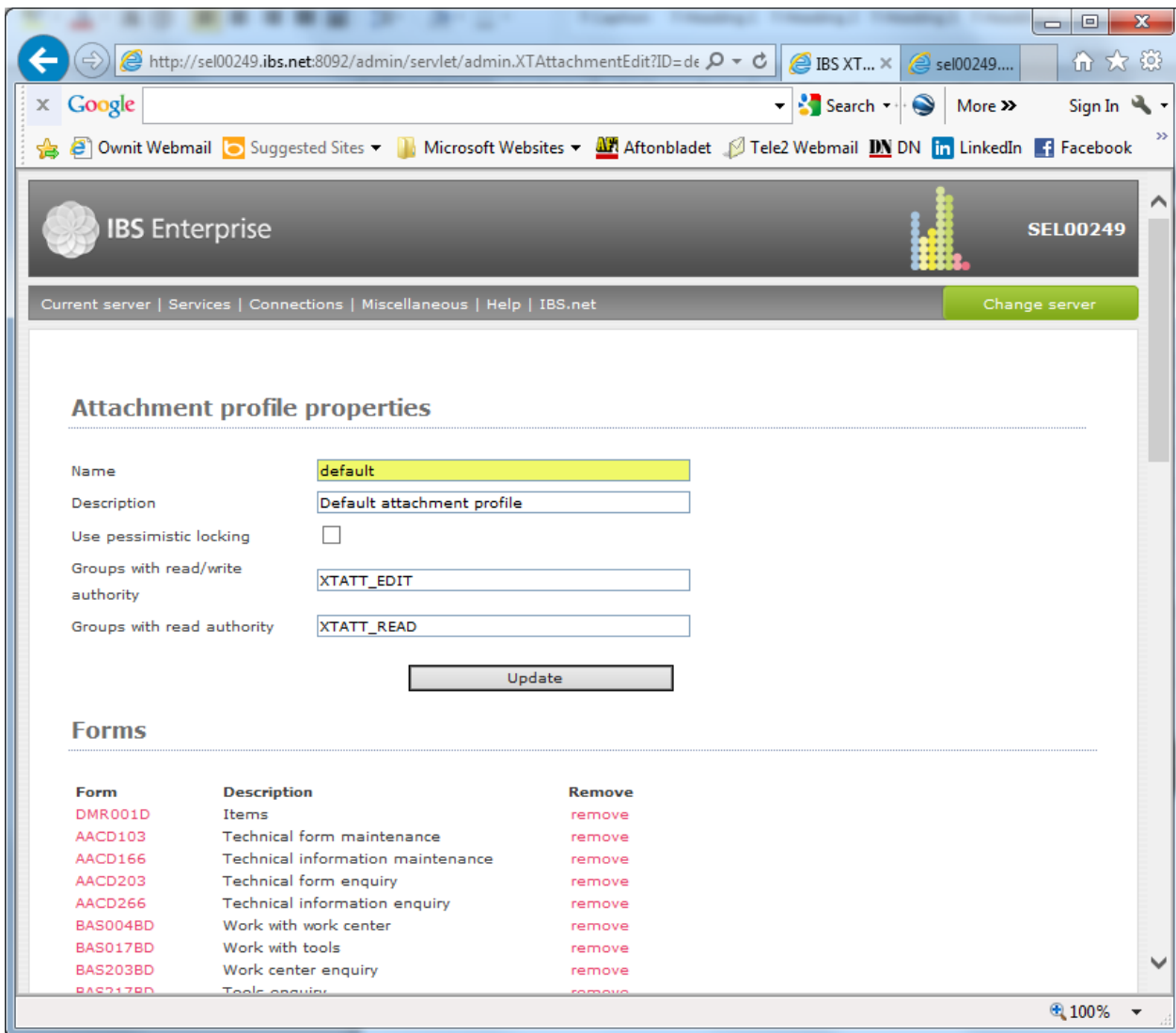
OK Back F12 Exit F3 Item view F2 Orders error F9

View controls F11

It is possible to apply filters on several columns at the same time.

**Note!** The filter applies to items currently loaded into the table.

**Fig 2: Authority control for XT Attachments**



It is now possible to enter supplemental groups for read/write and read only.

## v2.2.0

### Client

- **Change password function added to client's 'File' menu.** See Appendix [Fig 1](#).
- **Export printer output to Excel / CSV. Note!** Only for selected printing functions in IBS Enterprise. Minor RPG coding is needed. See Appendix [Fig 2](#).
- **Support for IBS Enterprise Help Centre.** New global help system for Enterprise release 8. See Appendix [Fig 3](#).
- **Query Manager, defaults for mass-export.** It is now possible to enter method, target file and location for each query in the group. See Appendix [Fig 4](#).
- **Hide/show function for buttons at bottom of panel.** See Appendix [Fig 5](#).

### XT Admin

- **Service manager rewritten**
  - Pure Java
  - Minimum of platform depending code
  - Allows to enter user account for XT Service
  - Link to XT Admin. Becomes active when server is ready.

See Appendix [Fig 6](#).

- **Support for message function between XT Admin and XT Client session even if XT Server is installed on iSeries.**
- **Upgrade to Java 7**

### Studio

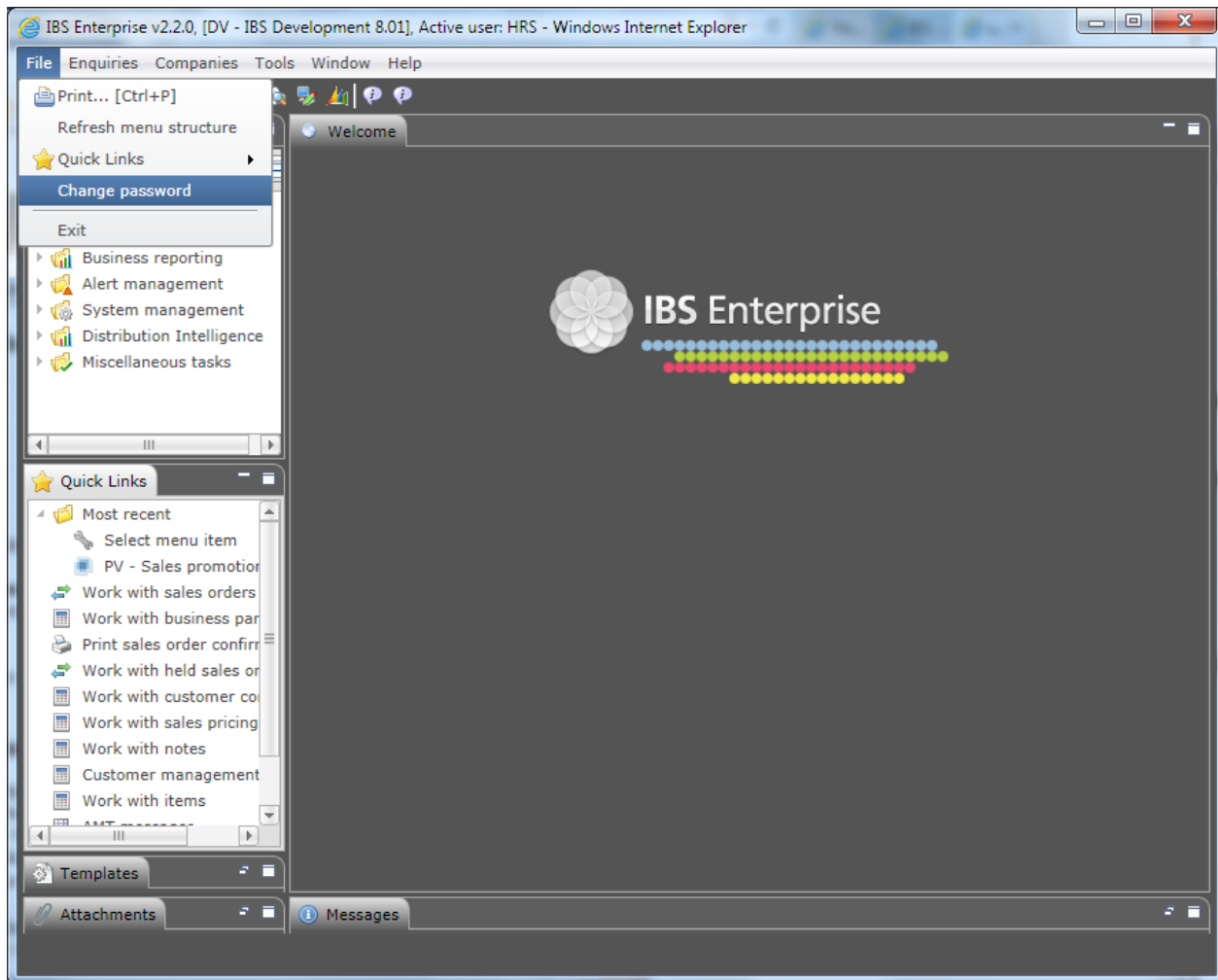
- **Layout improvements for translation and layout conversion wizards**

### Miscellaneous

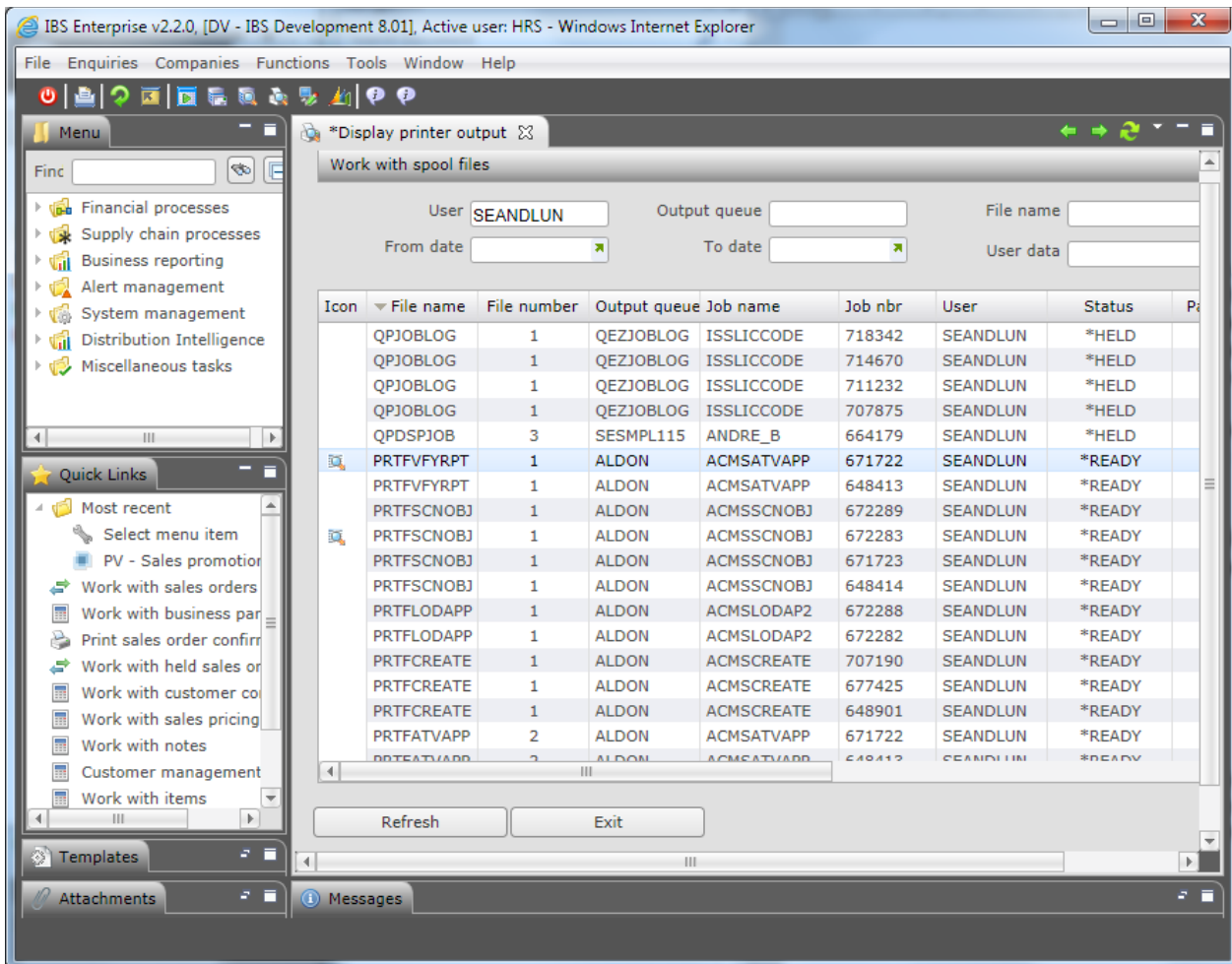
- **Documentation updates**
  - XTUI Installation and Upgrade Guide.
  - XT Attachments and Templates Guide.
  - Connecting XT UI to IBS Enterprise Help System.
  - Working with XT Queries
  - XT Sizing Guide

## Appendix

Fig 1: Change password function

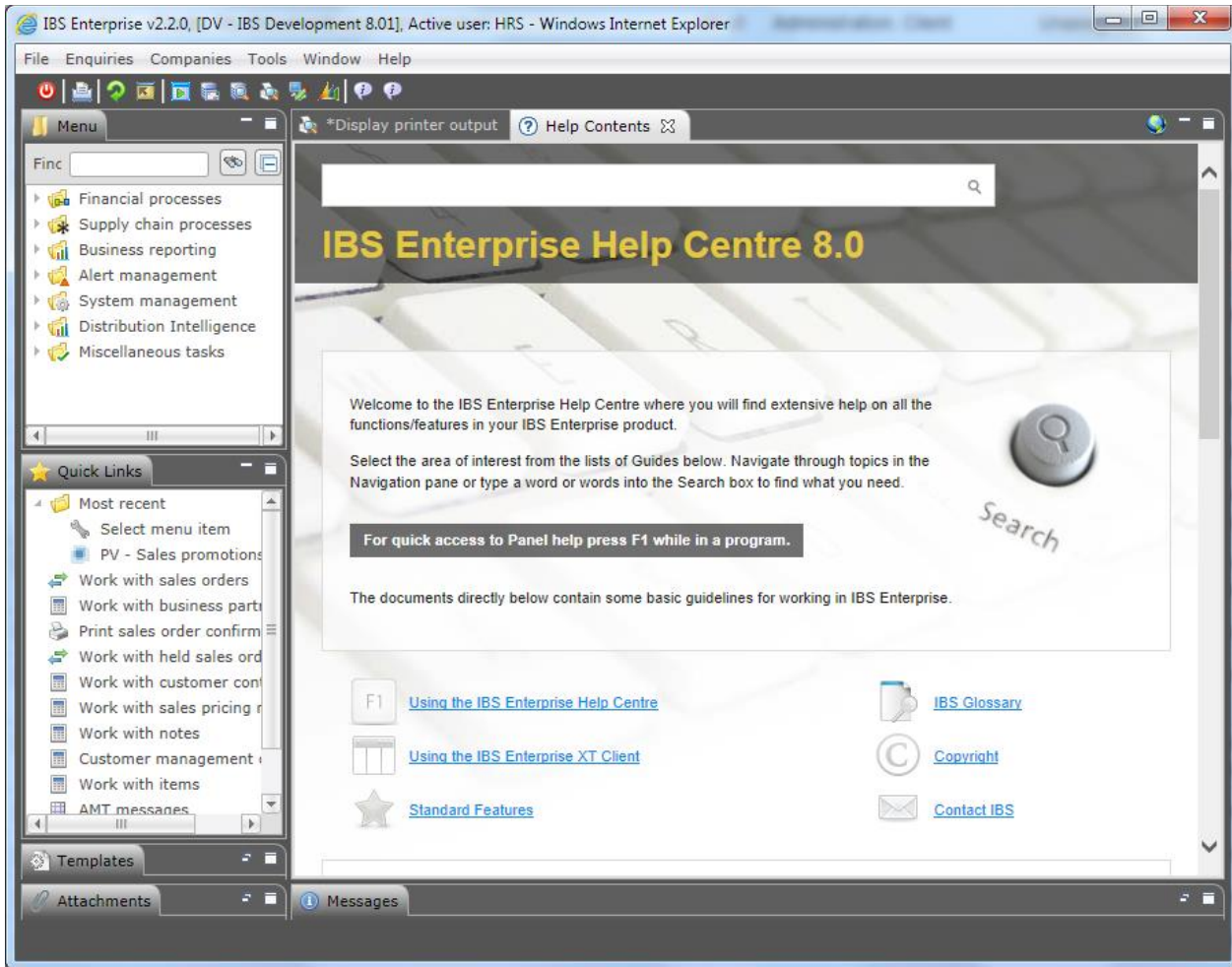


**Fig 2: Export printer output to Excel or CSV**

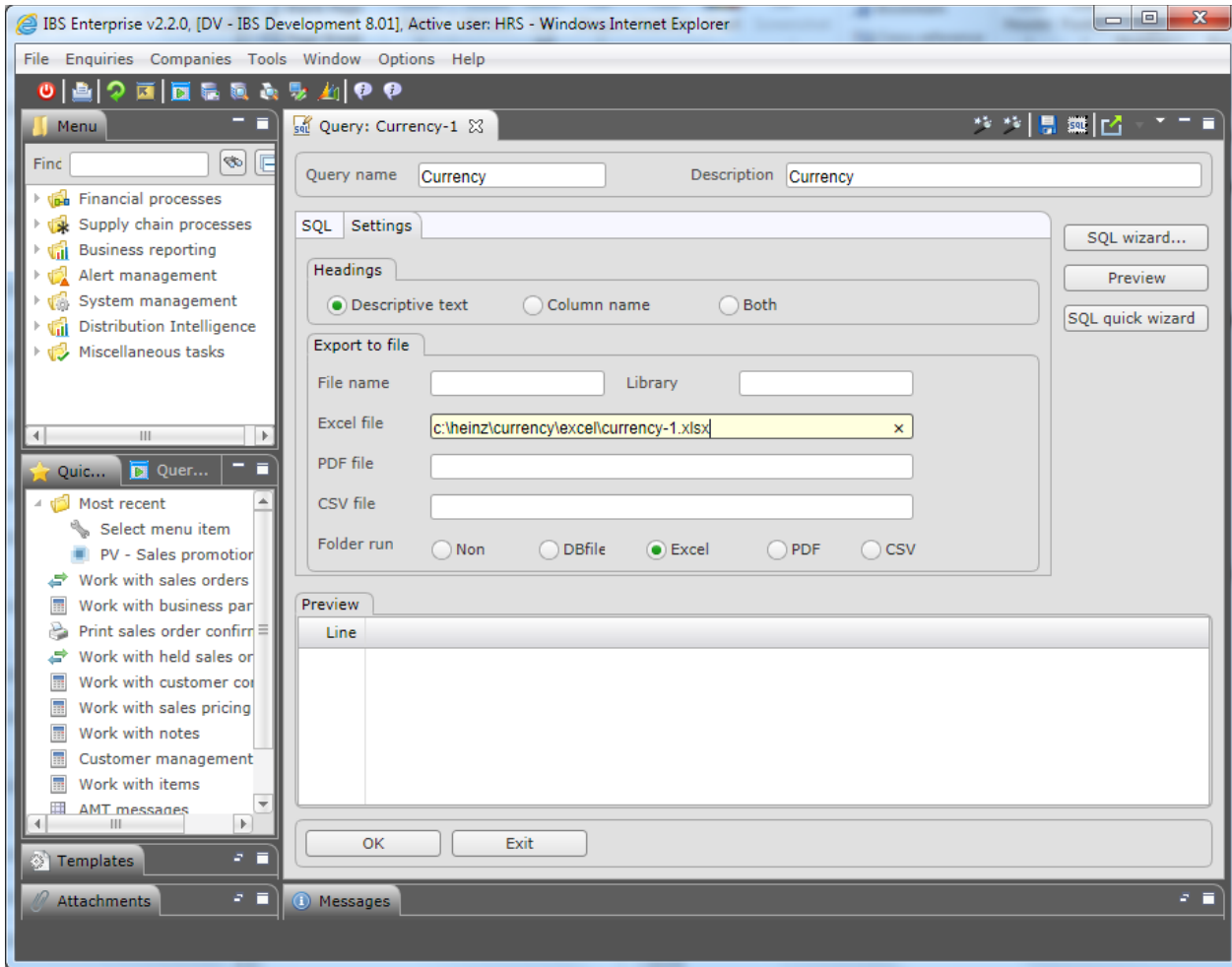


New icon column added to indicate spoolfiles that can be exported.

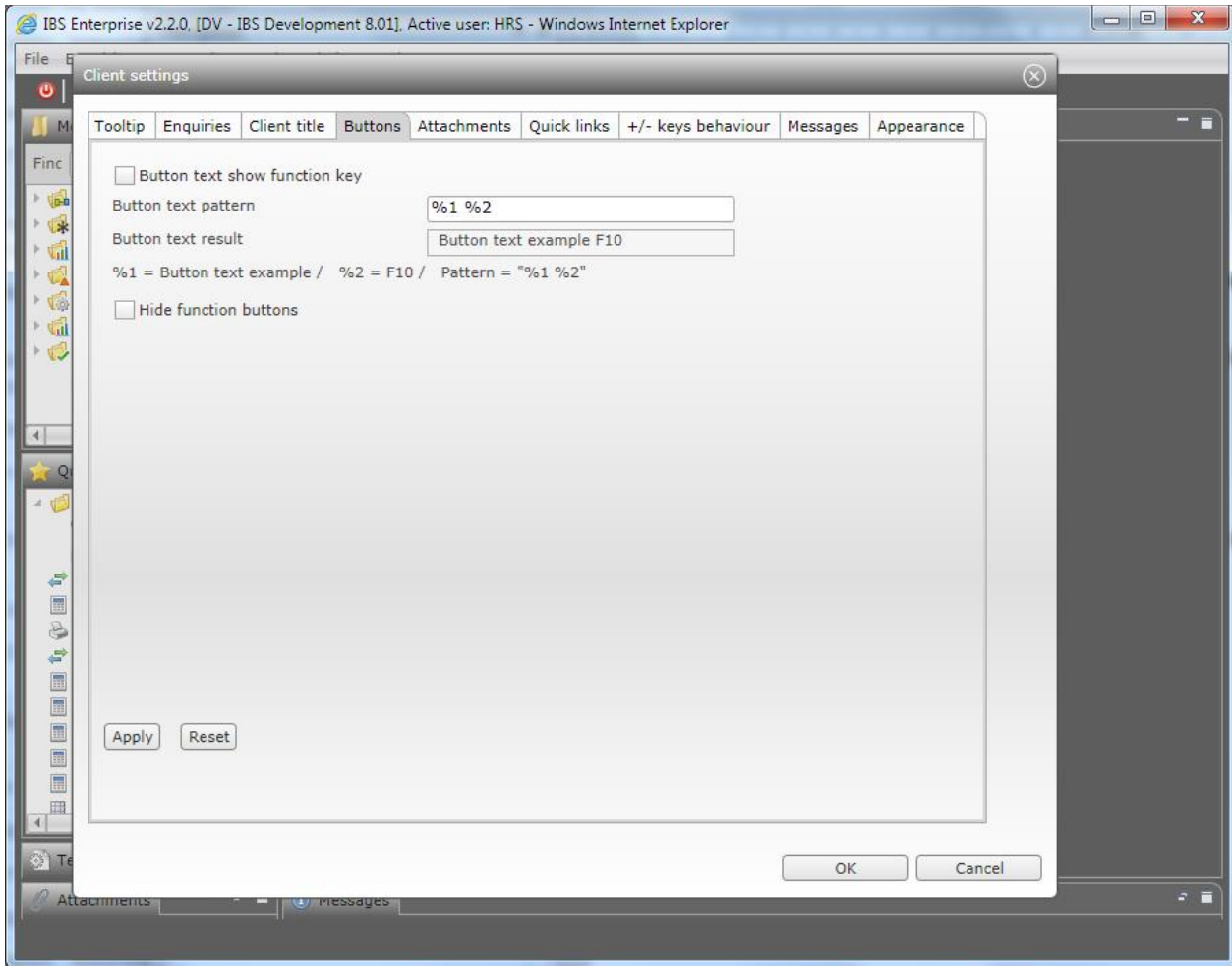
Fig 3: IBS Enterprise Help Centre



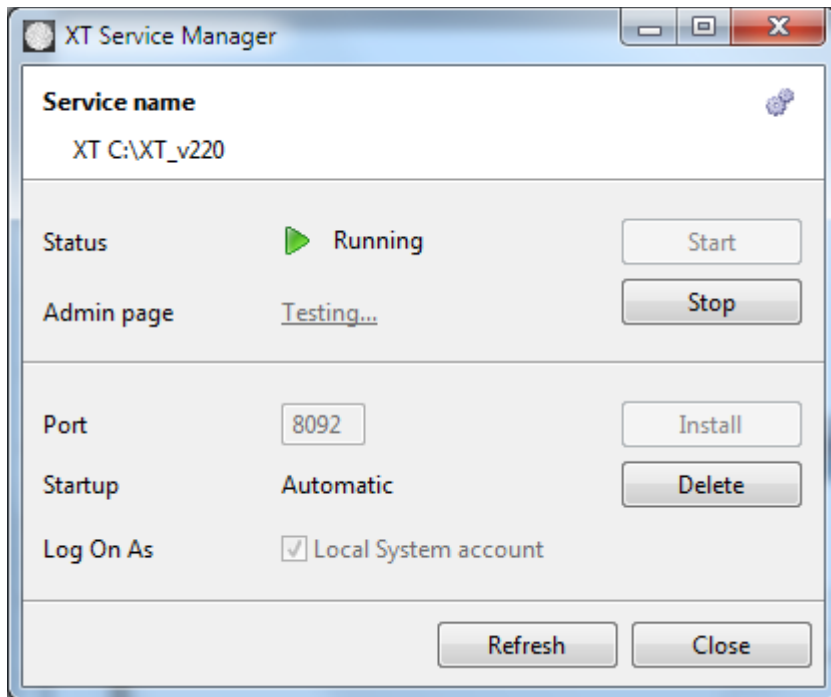
**Fig 4: Target method, file and location for query mass-export**



**Fig 5: Hide/ show function buttons check-box added to client settings window**



**Fig 6: New improved Service manager window**



## v2.1.0

### Client

- **Improvements import into editable tables**
  - Import from spread-sheet files and text files possible.  
See Appendix, [Fig 1](#).  
See document 'XT UI Tables – Advanced Export / Export'.
- **Chunk export from tables**
  - Allows to export more data as currently loaded in the table
  - Number of records to export (chunk size) controlled in XT Admin  
See Appendix, [Fig 2](#).  
See document 'XT UI Tables – Advanced Export / Export'.
- **Quick links available on XT Client's File menu**
  - Quick links now can be accessed even if the navigator frame (maximized mode) is not shown.  
See Appendix, [Fig 3](#).
- **Table columns hide/show improved navigation**
  - Hide a columns with right-click
  - Hide/show column sets and columns with right-click on table header  
See Appendix, [Fig 4](#).
- **XT Panels, label-component can now view dynamic images**
  - New property on Label component, 'imagePath'. The URL or path to the image can be passed as variable by the back-end program.  
See document 'XTUI dynamic\_label\_images'.
- **Table export, possible to export information outside the table**
  - Has been implemented for Enterprise report on-line. Header is now included in the export to Excel.  
See Appendix, [Fig 5](#).
- **Possible to sort on table column even if it contains editable columns**
- **Editable table – Press Ctrl-Enter to jump to first column in next line**
- **Possible to copy table cell to clipboard, only supported in rich client, not in thin (HTML) client.**
- **XT Query can be started with selection parameters from XT panels.**
  - See document 'Working with XT Queries' section 'Starting XT queries from panels'.
- **XT Query – possible to use variables as in filters**
  - Supported variables: &date, &year, &month, &week, &user, &company  
See document 'Working with XT Queries', section 'How to use variables in XT Query selection'.
- **Client preferences – set default action for menu item**  
See Appendix, [Fig 6](#).

## Studio

- **Label, support for dynamic images.**
- **New table attribute, 'exportHeaderProviders'.**
  - You can specify a list of layout components as header text providers.

## XT Admin/ installation

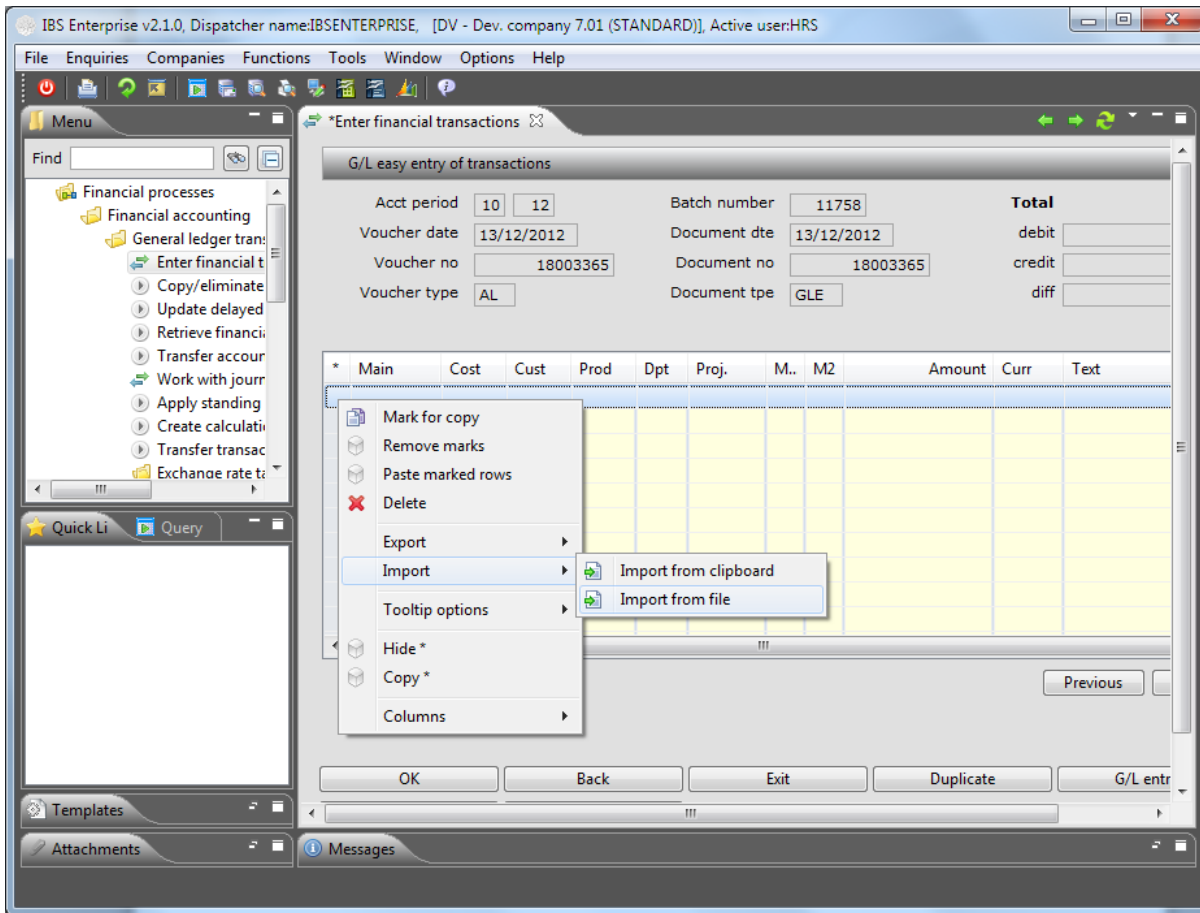
- **XT Server / dispatcher can now run on IBMi (iSeries).**
- **Installation**
  - New installer for XT UI on IBMi (iSeries, i5)
  - New and upgrade installers merged into one
    - Installer for MS Windows is named '**xt\_win\_210.exe**'
    - Installer for IBMi (iSeries) is named '**xt\_IBMi\_210.exe**'.
  - Added IBMi installation support to add-on, help and language pack installers
- **New settings for table chunk export control**  
See Appendix, [Fig 7](#).

## Miscellaneous

- **Documentation updates**
  - XTUI Installation and Upgrade Guide.
  - XT UI Tables – Advanced import / Export, **new document**.
  - XT UI – Dynamic Label images, **new document**.
  - Working with XT Queries
  - XT Sizing Guide

## Appendix

Fig 1: Import into table

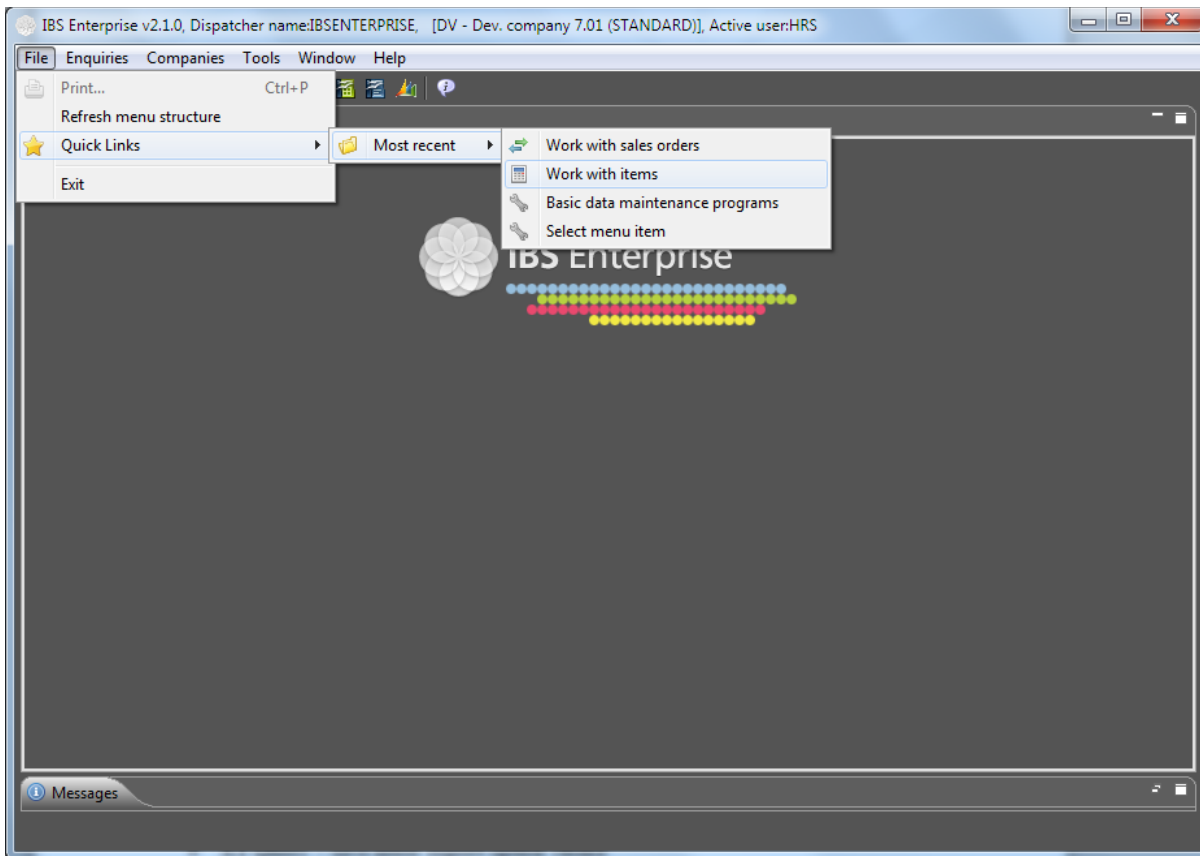


**Fig 2: Table chunk export**

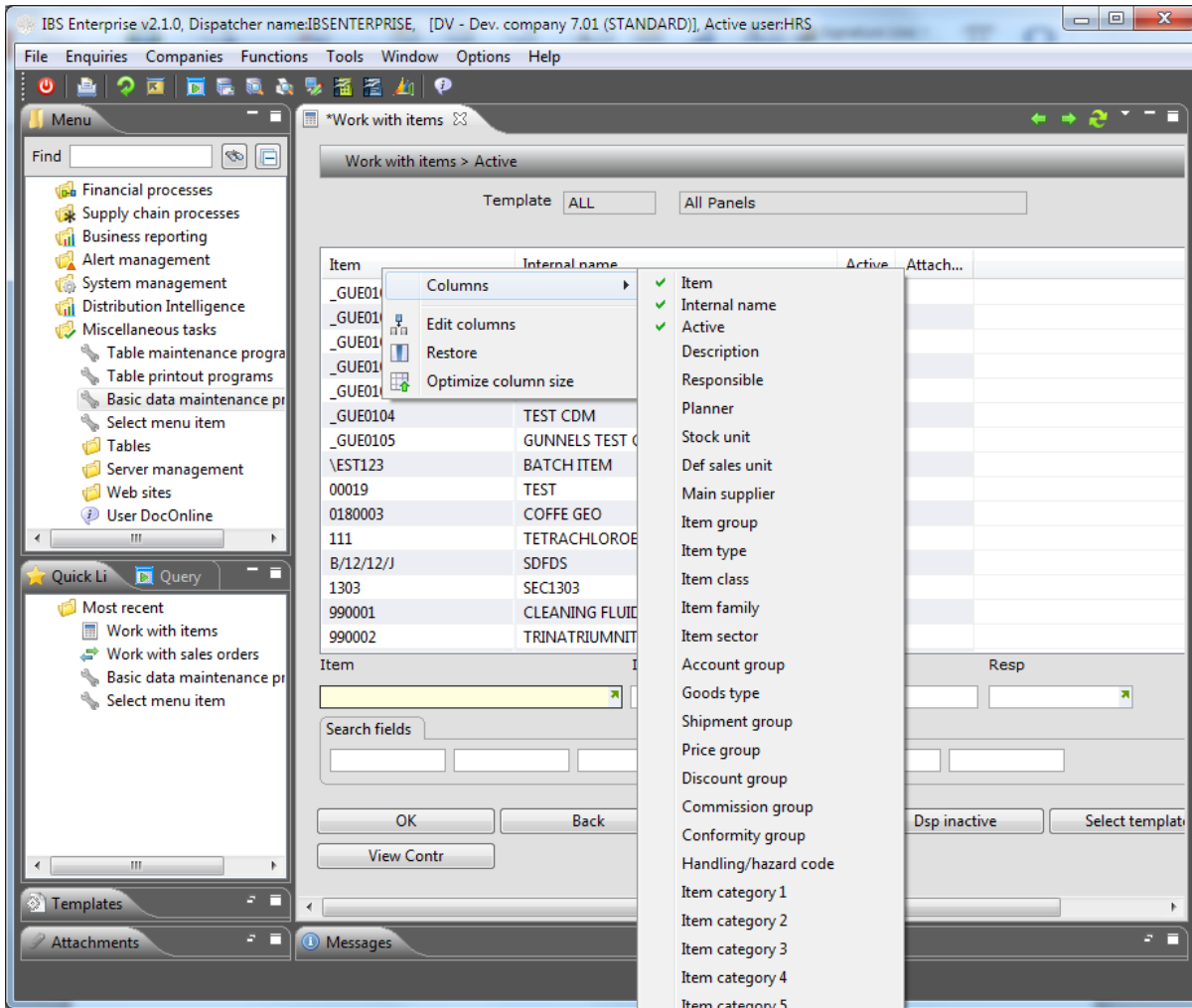
The screenshot shows the IBS Enterprise v2.1.0 interface. The main window displays a table titled "Work with sales orders > Header view". The table has columns: Order, Customer, Handler, St, OT, Ord date, Order value, and Attachment. A context menu is open over the first row, with the "Export" option selected. The "Export" submenu is also open, showing "Export to Excel", "Export to CSV", and "Export to Clipboard". The "Export to Excel" option is further expanded to show "Selected rows", "All rows in table", and "To end of file".

Order	Customer	Handler	St	OT	Ord date	Order value	Attachment
10			20	SO	12/11/2012	5,997.60	
10			20	SP	16/11/2012	6,689,858.18	
10			20	SP	16/11/2012	3,567.92	
10			20	DD	19/11/2012	257.24	
10			20	DD	19/11/2012	103.22	
10			00	G1	19/11/2012		
10			10	SO	19/11/2012	96,000.00	
10			20	G1	19/11/2012	30,200.00	
10			20	G1	19/11/2012	200.00	
10			20	G1	19/11/2012	300.00	
10			20	G1	19/11/2012	400.00	
10			20	G1	19/11/2012	1,093.75	
10			20	G1	19/11/2012	656.25	
10			20	G1	19/11/2012	656.25	
10			20	G1	19/11/2012	1,093.75	
10			00	SO	20/11/2012		
10			00	SO	20/11/2012		
10			20	DD	21/11/2012	283.46	
10			00	G1	21/11/2012		
10			30	G1	21/11/2012	737.50	

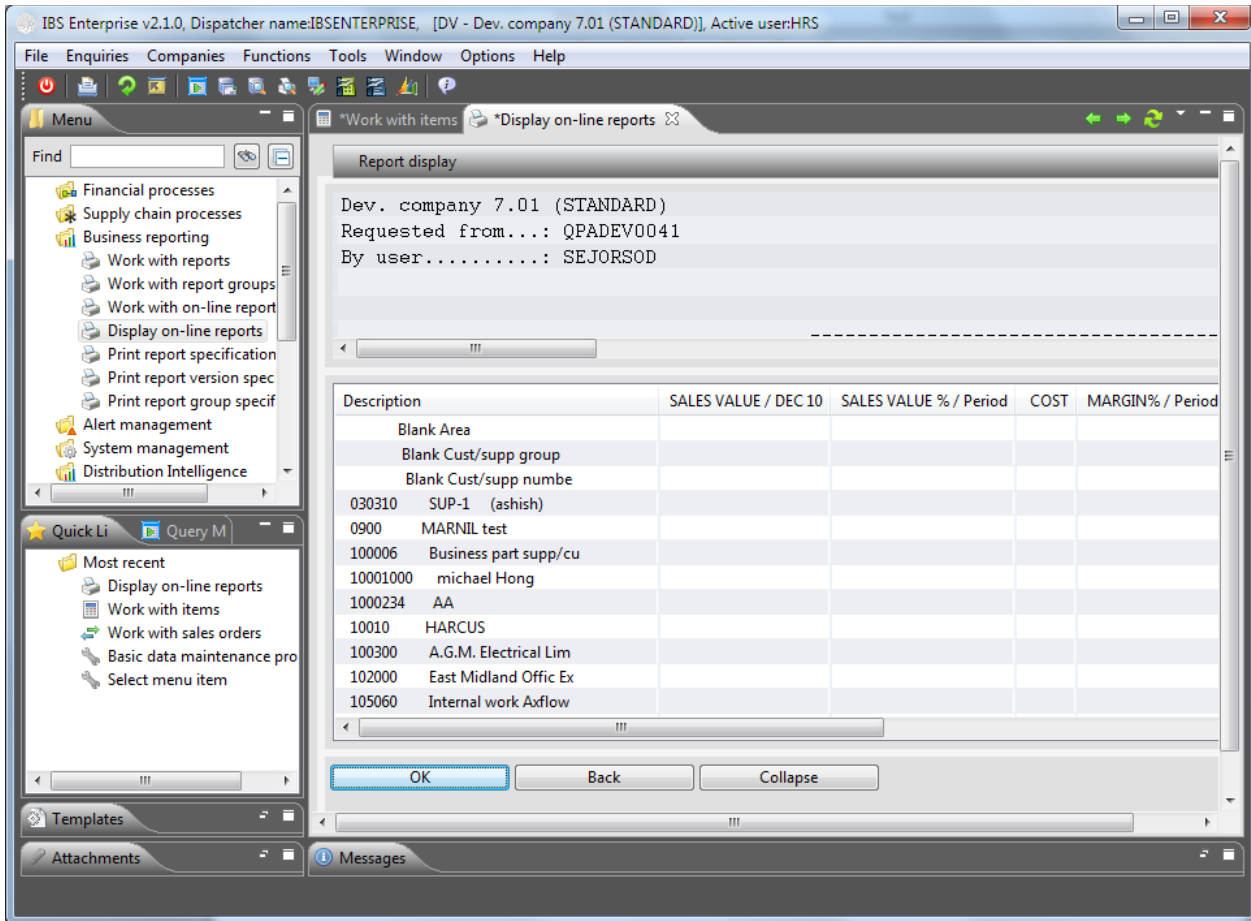
**Fig 3: Quick links on File menu**



**Fig 4: Activate / inactivate table columns**



**Fig 5: IBS Enterprise report viewer – both header and table contents are exported**

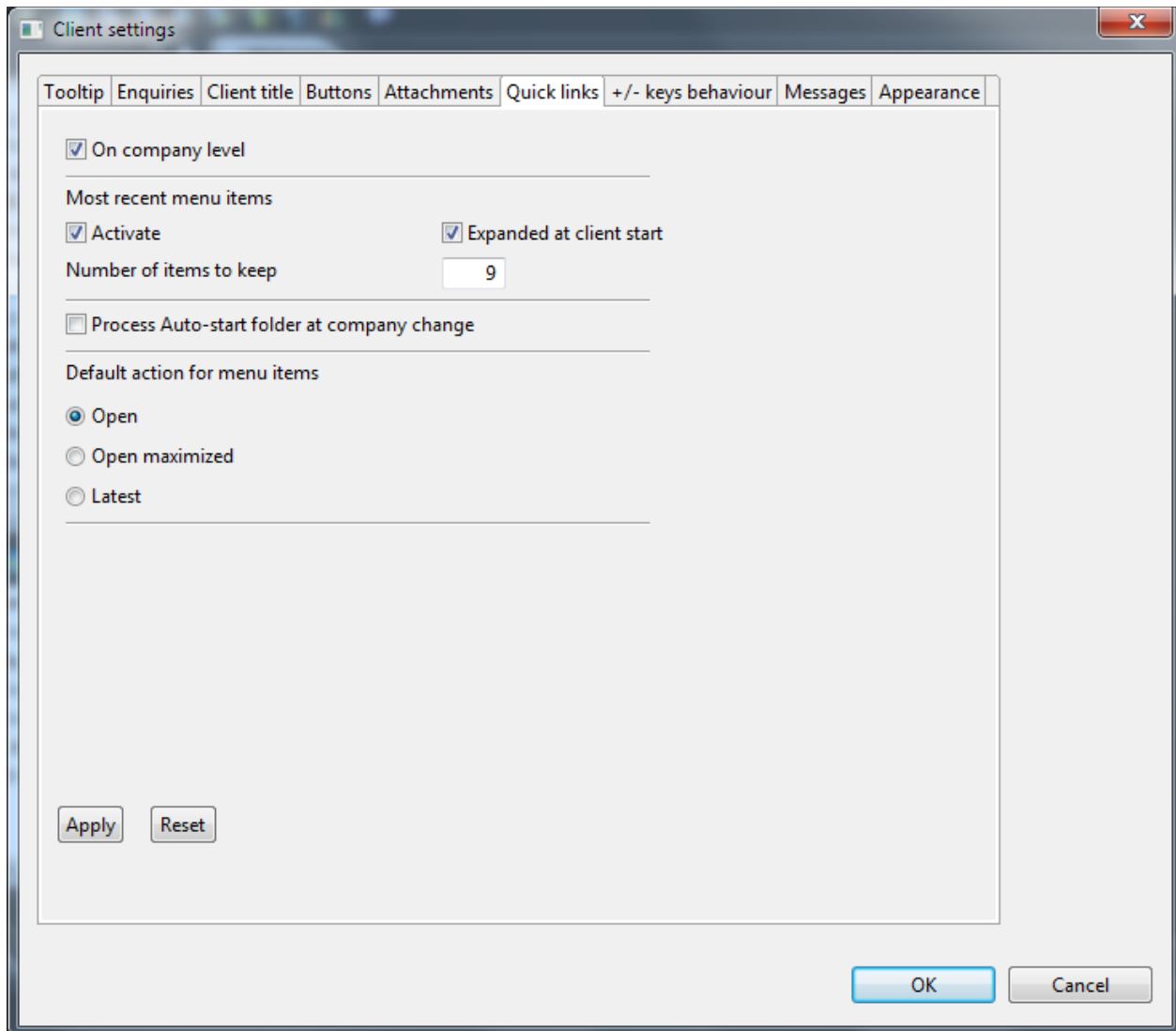


The following QA corrections are needed:

Release 6 - R6GEN / 1165

Release 7 - R7GEN / 209

**Fig 6: Set default action for menu item**



## Fig 7: XT Admin, dispatcher configuration - chunk export settings

Table export chunk size

Table export chunk size

overrides (comma-  
separated, e.g.

layout.panel.table=999,)

# v2.0.0

## Client

- **Thin XT Client**
  - Can run in WEB browser
  - Tested with following browsers:
    - Internet Explorer 9
    - Google Chrome
    - Mozilla Firefox
    - Safari
    - Opera
  - Document 'XTUI Installation and Upgrade Guide' updated with set-up instructions. See section 'XTUI Server'
- **Panel toolbar**
  - Back icon (same as F12)
  - Next icon (same as Enter)
  - Refresh icon (same as F5)
  - Functions menu available as drop-down per panel
- **Maximize panel function**
  - New toolbar icon to toggle between maximize and normal panel size
  - New menu item option, 'Open maximized'. Starts a panel in maximized mode.
  - New setting in client preferences quick links tab. Default action for menu items. 'Open', Open maximized' or 'Latest'.
- **Saving SPLF as PDF**
  - Creation dialogue settings are saved in user data
- **Date entry help, the following is supported**
  - Alt-Arrow up in empty field = Date today
  - Alt-Arrow up if field contains date = Date in field + 1 day
  - Alt-Arrow down if field contains date = Date in field - 1 day
  - +x and Tab = Date today + xx days
  - -x and tab = Date today + x days
- **Attachments, Copy / Cut / Paste function**
  - Copy attachments from one panel to another. E.g. from quotation to the related order.
  - Move (Cut/Paste) attachments from one panel to another
- **New XT Application Links features**
  - Show/Hide link depending on selected company
  - Hide/disable link if target file does not exist
  - Option for pop-up message if target file does not exist
  - Document 'Setting up application links in XT UI' has been updated
- **New property for hide/show Attachments/Attachment templates view**
  - Available on tab 'Attachments' in Client preferences window
  -

## Studio

- **Tab folder improvements**
  - hidelfEmpty, don't show the tab-page if none of the controls inside is visible.
  - focusOnError, the tab-page will become focus if any of the controls inside is in error.

## XT Admin

- **Added configuration pages for Thin client servers**
  - New service type, XTUI Server added to the Services page
  - UI server status page
  - UI server log page
- **64-bit support for XT Dispatcher**
- **Updated Help for XT Admin**
- **Plug-in based help system no longer supported! You must use the 'IBS Enterprise Web help system' instead. Installer can be downloaded from the XT site.**
-

## Miscellaneous

- **Documentation updates**
  - XTUI Installation and Upgrade Guide
  - Network load balancing for XT Dispatcher
  - Setting up application links in XT UI
  - XT Sizing Guide
  - XT Admin help
  - XT Client language handling ([new document](#))

# v1.6.0

## Client

- Option to **process Auto-start folder at company change**. A new setting has been added to the client preferences window.
- Advanced tooltip on table columns (SYSTeam).
- Export to PDF, improved font handling.
- Compact XT Client. See document '**How\_to\_set-up\_compact\_xtclient**'.
  - Useful when running XT Client on low resolution devices. E.g. Radio frequency panels in IBS Enterprise.
- Query manager
  - Improved management of query definitions. Added Copy / Paste functionality.
  - Runtime selection has been made more user-friendly.
    - Table with selections/sequences has been made editable.
  - Security improvements, condition and value 2 can be controlled separately.
  - Quick wizard button to do simple changes to existing queries. Much faster!
  - Running queries from XT menu structure. See document '**Managing\_menu\_structure\_for\_XTClient**'.
  - Running all query definitions in a folder structure.
- UI Style-sheet hierarchy. It is now possible to refer to a parent style-sheet. The information in the parent is inherited and can be extended / overridden.
- Client menu improvements. All toolbar icons are now available as menu options. Toolbar can be hidden. Panel actions (push buttons at the bottom) are now available in menu bar under '**Functions**'.
- Submenu support for ApplicationLinks. See updated document. '**Setting\_up\_application\_links\_in\_XTUI**'.
- Possible to display pop-up message when running functions without panel. New parameter, **confirmLaunch=true** is supported in the XT Command string in MEDEA.
- Functions list handling. See document '**Functions\_list\_handling\_in\_XTPanels**'.

## Studio

- Link to Printer output and Messages from XT Panels (SYSTeam). See document '[How\\_to\\_link\\_from\\_xtpanel\\_to\\_printer\\_output\\_and\\_server\\_messages](#)'.
- Handle menu item classes during layout update from display file (SYSTeam).
- Table columns with content type=image, the image file name can be provided by server. One of the table columns can contain the name of the image file. Use the |columnName| syntax as variable.
- Colours constraints supported for edit fields and labels.
- Support for context sub menus. See document '[How\\_to\\_define\\_sub\\_context\\_menus\\_for\\_XTLayouts](#)'.

## XT Admin

- Log on view improvements
  - Can **protect server and port**. New properties have been added to client defaults in dispatcher configuration.
  - **Force user to select dispatcher** instead of using the most recent. New property has been added to client defaults in dispatcher configuration.
- Dispatcher
  - New action '**block/unblock**'. Prevent users to start new sessions.
  - New action '**apply**'. Change dispatcher settings and make them active without restarting the dispatcher. However, some dispatcher attributes cannot be applied at runtime. If the apply function does not work as expected the dispatcher need to be restarted.
  - New link '**terminate**' on dispatcher status page. Sessions can be ended by clicking on the link.
  - New property '**Path to XT layouts**'. Possible to override xt\_layouts folder on dispatcher level. The 'xt\_layouts' folder contains style-sheet, client workbench configuration file and non-enterprise layouts. Needed for configuration of compact client.
  - Added property for '**Root menu Id**' to dispatcher configuration. Can be used to point to a reduced menu structure for compact client set-up.
  - Added Property '**Allow edit of client preferences**' to dispatcher configuration

## Miscellaneous

- Documentation updates
  - How to set up compact XT Client (**new**)
  - XT Attachments and Templates Guide
  - Setting up application links in XT UI
  - Managing menu structure for XT Client
  - Working with XT Queries
  - Paste from clipboard function (**new**)
  - How to terminate lost XT Client sessions
  - XT UI Installation and Upgrade guide (**new**)
  - Network load balancing for XT Dispatcher
  - How to link from XT Panels to printer output and server messages (**new**)
  - Functions list handling in XT panels (**new**)
  - How to define sub context menus for XT layouts (**new**)

# v1.5.6

## Client

- Option to process Auto-start folder at company change
- Advanced tooltip on table columns (SYSTeam)
- Export to PDF, improved font handling

## Studio

- Link to Printer output and Messages from XT Panels (SYSTeam).
- Handle menu item classes during layout update from display file (SYSTeam).
- Table columns with content type=image, the image file name can be provided by server. One of the table columns can contain the name of the image file. Use the |columnName| syntax as variable.
- Colours constraints supported for edit fields and labels.

## XT Admin

- Log on view improvements
  - Can protect server and port.
  - Force user to select dispatcher instead of using the last used.
- Dispatcher
  - New action 'block/unblock. Prevent users to start new sessions.
  - New action 'apply'. Change dispatcher settings and make them active without restarting the dispatcher.

## Miscellaneous

- Misc error corrections
- Documentation updates

# v1.5.5

## Client

- **Query Manager improvements,**
  - **Selection can be changed at runtime** even if the user has no edit authority for the query definition.
  - **Sorting of the data can be changed at runtime** even if the user has no edit authority for the query definition.
  - Support for **additional selection keywords**.
  - Support for additional **file-join-type**.
  - Possible to convert more complex OS/400 queries. This is based on the above improvements.
  - **Improved filter functionality** for files shown in the Query wizard.
  - **Promoted search functions**. There have been functions to search for columns but they were kind of hidden. Buttons have been added in order to make the functions more visible.
  - **'SQL string' button** has been added on several places in the wizard. It allows the user to view the current state of the wizard as SQL statement.
  - **Column text shown on misc wizard pages**. Instead of only the columns name the description of columns can be shown as tooltip (hover-help).
  - **Refresh option added to query manager view**. Refreshes the list of available shared queries without restarting the client.
  - New guide **'Working with XT queries'**.
  - Shared query maintenance function in Admin has been changed in order to support clustered dispatcher environments.
  - Document **'How to share XT Queries'** has been updated.
  - Document **'How to secure Query Manager'** has been updated.
- **Client colour themes**
  - **Default theme on dispatcher and company level**. New property, **'Default client theme'** has been added to dispatcher edit function in XT Admin.
  - Document **'XTClient themes extension guide'** has been updated.
  - New property **'Allow client theme selection'** has been added to the dispatcher edit function in XT Admin.
- New property **'Prevent start of multiple clients'** has been added to the dispatcher edit function in XT Admin. If this check-box is selected users will not be allowed to start several clients connected to the same dispatcher. May be useful for performance reasons.
- **Terminating lost client sessions**
  - A new function which allows users to terminate 'lost' sessions. Such sessions may lock files and transactions in IBS Enterprise. The reason for lost sessions in the dispatcher can be one of the following:
    - Client PC has lost contact to the dispatcher.
    - Client PC has been switched off by mistake
    - XT Client ends abnormally e.g. process ended in Task manager.
  - For more information please see document **'How to terminate lost XT sessions'**.
- **New general menu option for tables on Enterprise panels, 'Import from clipboard'**. This function is available for all tables with at least one editable column.
- **Dispatcher name can be selected as part of the client title**. Can be controlled in **Preferences/Client settings/Client title**.
- **Possible to view server messages for other users**. A user id selection field has been added on top of the Server messages panel. If authorized, messages belonging to other users can be shown.
- **New property available on the dispatcher edit page in XT Admin, 'Selectable companies'**. This feature can be used to reduce the list of selectable companies shown during XT Client logon.

## Miscellaneous

- New document '**How to terminate lost XT sessions**'.
- Document '**XTClient themes extension guide**' updated.
- Document '**Managing menu structure for XTClient**' updated.
- New document '**Working with XT queries**'.
- Document '**How to secure Query Manager**' updated.
- Document '**How to share XT Queries**' updated.
- Document '**Connecting XT UI To IBS Enterprise Web Help**' updated.
- Document '**XT Sizing Guide**' updated.
- Document '**Network load balance in Windows 2003 Server with XT**' renamed and updated. New name is '**Network load balancing for XT Dispatcher**'.

The above documents can be downloaded from the XT site.

## v.1.5.0

The functions written in blue colour are available in v1.4.5 as well.

### Client

- **New Preferences windows**, several windows have been merged into one notebook style window.
- **Refresh menu structure from server**. Normally menu download is triggered after clicking the 'Update timestamp' button in 'Work with menus'. By using this function, XT Client users will automatically receive a new menu structure the next time they log on IBS Enterprise. Now users can force menu download by using option **File/Refresh menu structure**. This function may be useful when e.g. working with MEDEA and SECUR, one will be able to see the impact on the menus immediately without using the 'Update timestamp' function.
- **Server message notification**, XT Client users will now get notified about new messages arriving to the user's message queue. In Preferences window, tab 'Messages' notification can be set to **none, silent, or popup**.
- **Server messages**, a new menu option, '**Spool files**' has been added to the table menu. The option is used to view spool files which has been created by the message-sender job.
- **Append export to CSV from tables**, it is now possible to add data at the end of an existing .csv file.
- **Query Manager improvements**,
  - Import/convert iSeries query definitions. Note! This function is replacing the i5Query plug-in. **Important!** To convert a Query/400 your iSeries user profile must be set up in order to allow dump of \*QRYDFN objects as spoolefile.
  - Option to export query result to database file
  - Drag-drop of queries from/to folders supported.
  - Query description in addition to name.
  - Improved formatting of column headings, space between heading 1, 2 and 3 removed.
  - Pre-defined column types, for improved editing query columns can be defined with the following types:
    - Normal (String)
    - Boolean (Yes/no column)
    - Date (columns containing ISO Date)
    - Time (columns containing time values e.g. hhmmss)
- **Role settings templates**, users can initialise the client from Role settings templates. A management function for such templates has been added to the client which allows you to save the current client settings as templates on the server. Template management can be secured with Enterprise SECUR by enabling authority group handling on MEDEA menu item '**XTMNGCSET**'. Templates can be applied to the client by using menu option **Preferences/Apply role template**. Pre-defined role templates are included as one of the components in the Enterprise add-on set-up file for release 700A. Client
- **Auto-start folder** has been added to the Quicklinks view. Menu items dropped into this folder will be launched automatically at client start-up. The number of menu items allowed in the Auto-start folder can be limited by the **Auto-start function limit** setting in the dispatcher configuration.
- **New design of client**
  - **Implemented client workbench themes**
    - Colour definitions for the client workbench and Enterprise panels
    - 3 pre-defined themes
    - User can switch between themes.
    - Theme selection can be company specific (Controlled in Client settings window).
    - RGB colours in style-sheet have been changed to colour names declared in theme.
  - **New icons**
    - A new set of icons has been created.
  - **Saved perspective**
    - The size and position of the client workbench and the size/position of views within the workbench will be saved and restored at next login. **Note!** Re-installation of the client is required since the automatic upgrade process is not able to replace all changed files.
  - **Login window improved**
    - Height/width adjusted automatically controlled by configuration and image size. Additional colours supported.
- **Predefined application links**
  - PlannerView from menu structure
  - Planner View from misc Enterprise panels
  - Distribution intelligence from menu structure

- For more info please see documents **“Setting up application links in XTUI”** and **“Managing menu structure for XTClient”**.
- **OS System sound support for panel messages**
- **Start functions by menu item id input moved.** The separate input field for menu items has been removed. The functionality is now available in the search field on top of the menu structure. If an existing menu item id is entered the function will be started.
- **Basic Date selection dialogue** (used in View printer output function), navigation has been improved.
- **Enterprise add-on, additional components**, during installation you can select among the following:
  - Enterprise layouts
  - Configuration files (Dispatcher, Attachments)
  - Resources (images, icons)
  - Application links
  - Pre-defined role templates

## Studio

- **Layout generation wizards changed in order to use pre-defined iSeries connection.** Connections are defined in XT Studio Preferences. In order to create/change iSeries connections please select option Window/Preferences/IBS Database Connections.

## Miscellaneous

- **IBS Enterprise WEB help system can run on XT Server.** The set-up file named **'enterprise7WebHelpSystem.exe'** is available for download on the XT site.
- **IBS Enterprise add-on set-up, additional components.** Application links and IBS pre-defined Role settings templates can be selected in addition to layouts and dispatcher configuration. For release 7 the set-up file is named **'enterprise\_700A.exe'**.
- **Enterprise add-on for previous releases updated.** In v1.5.0 the XT Client icons have been changed. Old enterprise add-on set-up files will replace the new icons with the old version. The latest versions of the enterprise add-on installers available on the XT site are updated in order to avoid overriding.
- **Non-enterprise layouts removed from layout folder.** Layouts not belonging to IBS Enterprise, themes, style-sheet etc, have been moved from folder xt\layouts to a separate folder named xt\xt\_layouts. This will eliminate the risk of running on old versions of these files and improve performance during start-up of the client.
- **New document “Managing menu structure for XTClient” available on XT Site**, describing how MEDEA and SECUR are used to control the XT Client menu structure.
- **New document “Setting up application links in XTUI” available on XT Site**, describing how to configure links from the XT Client to other applications.
- **New document “Managing role settings templates” available on the XT site**, describing how to save current XT Client settings to templates to be used as default for new users.
- **New document “XTClient themes extension guide” available on the XT site**, describing how to provide additional themes to be used by the XT Client.

# v1.4.5

## Client

- **New Preferences windows**, several windows have been merged into one notebook style window
- **Refresh menu structure from server**. Normally menu download is triggered after clicking the 'Update timestamp' button in 'Work with menus'. By using this function, XT Client users will automatically receive a new menu structure the next time they log on IBS Enterprise. Now users can force menu download by using option **File/Refresh menu structure**. This function may be useful when e.g. working with MEDEA and SECUR, one will be able to see the impact on the menus immediately without using the 'Update timestamp' function.
- **Server message notification**, XT Client users will now get notified about new messages arriving to the user's message queue. In Preferences window, tab 'Messages' notification can be set to **none, silent, or popup**.
- **Server messages**, a new menu option, '**Spool files**' has been added the table menu. The option is used to view spool files which has been created by the message-sender job.
- **Append export to CSV from tables**, it is now possible to add data at the end of an existing .csv file.
- **Query Manager improvements**,
  - Import/convert iSeries query definitions
  - Option to export query result to database file
  - Drag-drop of queries from/to folders supported.
  - Query description in addition to name.
  - Improved formatting of column headings, space between heading 1,2,3 removed.
  - **Important!** Imported queries from iSeries can contain SQL features that are currently not supported by the Query Wizard. Such definitions cannot be edited with the wizard at the moment, the SQL statement has to be changed instead. The wizard will be updated in a future version.

## v.1.3.7

### Client

- **Most recent menu items shown in Quick-links view.** The function can be configured in the User preferences misc window. It can be activated / inactivated and the number of used menu items to remember can be entered. Most recent menu items are put into a folder named 'Most recent' on top of the Quick Links view.
- **Links from XT Panels to other applications.** It is now possible to define links to other applications from any of the XTUI panels. Data from the panels can be passed as parameter. Links can be created from both detail panels and table rows.

#### Example:

You can configure a link from 'Work with business partners' start panel to PlannerView. Role id, Perspective id and the BP number are sent as parameters. You can now right-click on any of the business partners in the table and select option 'PlannerView'. PV is started and data is loaded according to passed parameters. **Note!** You will need the latest version of PlannerView.

The configuration of the links is defined in file '**XTApplicationLinks.xml**' in folder **xt\bin\config** on the dispatcher server. At the moment this file has to be edited manually. The plan is to provide an edit function in XT Admin in one of the future versions. No file is shipped in x1.3.7 but you can download a sample file from the XT site. Place it in the above directory and restart the XT Server. You can test the links by starting function 'Work with business partners'. You can also test the Basic data detail panel for one of the business partners. Select the menu for the panel, select option 'Link to'.

### Studio

- **Style sheet classes can now be selected from a dropdown list.**
- **Multi control properties function**, changed property can be applied to several layout controls at once.

## v1.3.6

### Client

- **IBS Enterprise Web help system can be linked to XT UI.** For more information please read document 'Connecting XT UI to IBS Enterprise Web help' available on XT site. (Also available in v1.3.5 with latest fix).

- **Possibility to secure edit functions in Query Manager.**

Please see document 'How to secure Query Manager' available on the XT site. (Also available in v1.3.5 with latest fix).

- **Folder support for Quick-links,** quick-links can now be put into folders.
- **Printer output (spooled files), print range can be entered.**
- **Server jobs (iSeries user jobs), filter can be entered.**
- **Attachments, API (ExternalAttachmentServlet)** has been extended. The following actions are now supported: add, replace, retrieve, list, delete. For more info please see the source for the ExternalAttachmentServlet class attached to JIRA issue XUI-832. The servlet can be used to manage attachments from outside XT UI. (Also available in v1.3.5 with latest fix).
- **Support for Windows 2008 Server.**

### Studio

- **Indicator controlled icons in tables.** (Also available in v1.3.5 with latest fix).

## v1.3.5

### Client

- **Open Office Calc integration**, can be used as spreadsheet application instead of Excel. **Note!** Template handling is **not** supported if OpenOffice is used.
- **iSeries functions language independent**, only one set of layouts needed. Translation is handled dynamically.
- **New 'Create error report' option**, is available on the drop-down menu of the Enterprise panel. The function is gathering important information into a zip file which shall be attached to the error (JIRA) report.
- **Query manager enhancements**, support for more advanced SQL and Wizard enhancements
- **New client settings available**, Setting for quick links and attachment behaviour have been added to the 'Preferences' menu.
- **SaaS support**, a number of new features has been added to support such Enterprise set-up.
  - Export table data to clipboard
  - Export table data as CSV file
  - Running PC command at client start up with user id, company code and dispatcher as parameter. See <Prestart> node in application.xml file.
  - New parameter for client start up exe filer, -x, which disables of access to file system.

### Studio

- Bookmaster conversion functions available in base

### XTiSE

- Version 3.0 available
  - Significant performance improvements
  - No more limitation for number of selected lines in tables
  - Documentation
    - v3.0 Installation Guide available
    - v3.0 Upgrade Guide available
    - Set-up instructions for automatic XTiSE generation available
  - XT UI v1.3.5 or higher is required

## v1.3.4

### Client

- **Shared Query Manager Definitions**, definitions can be made available for other users. Configured in XT Admin. More information about Shared queries you can find on the XT site. Link: '**How to Share SQL-Queries**'.
- **SSL (Secured Socket Layer) support**, between client and dispatcher. The function can be switched on and off in the dispatcher configuration function in XT Admin. More information about SSL in XT you can find on the XT site. Link: '**SSL support in XT UI**'.
- **Client title settings**, new function to configure the contents of the client title has been added to the 'Preferences' menu. If server date and time are selected you also need the latest version of XTISE 2.01.

### Studio

- DSPF to XML generation improvements.
- Additional generation visitors can be installed as add-on plug-in

### XTiSE

- Version 2.01 has been updated
- **Server date and time**, the date and time on iSeries can now be displayed in the client's title-bar