



Release Notes

Intellicus Web-based Reporting Suite Release 4.5

Intellicus Suite



Intellicus

Web-based Reporting Suite

RELEASE NOTES 4.5

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About this Document

This document lists new features, enhancements and changes implemented in Intellicus 4.x with respect to its previous versions.

The changes are grouped under functional categories.

Each functional category begins with a brief introduction about the feature, followed by major enhancements and then closes with a list of Issue Track Ids resolved.

This document covers all features across all editions and license types. Please check with our sales representative or your vendor for the features and editions that are available to you.

This document is useful for all existing Intellicus users and Vendors to study the changes, to do impact analysis on their usage of Intellicus.

This document's content is semi-technical in nature and expects readers to be aware of Intellicus functionalities.

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Architectural Changes

Java APIs

JAVA 1.5

All Intellicus code components, APIs are compiled using Sun JDK 1.5.

XML

Changed version of XML Parser implementor - xerces-2.9.0

- serializer.jar
- xalan.jar
- xercesImpl.jar

Web Portal/HTTP APIs

AJAX

Intellicus Web Portal, although has been providing very dynamic content in the past versions, introduces usage of formal AJAX controls in 4.0. The usage is in parameter form for implementing linked parameters.

Posting a drill down

Intellicus now gives an option to POST the drill down request from a report to another report based on request length.

HTTPS

Added HTTPS certificate files compatible with native dll.

- localhost.key
- localhost.crt

Database

Drivers

Support added for jtds-1.2.2.jar for supporting MSSQL NT Authentication.

Sybase

Support added for using Sybase as report database and repository database.

COM

Threading

The Com threading model of RECOMClient libraries are changed for one registered copy to be compatible with both Studio and Dot Net Client components.

Integration

Single Sign-on

Intellicus single sign on agent component is now available for Java web applications.

UI Changes

Intellicus Version 4.0 introduces many UI changes to enhance overall User Experience.

These UI changes are important but not sweeping, so that they appear as pleasing enhancements of the User Interface. There is no perceived requirement of any training for using these enhancements.

The description of some of these changes can be found in subsequent sections also.

Merged Listing for Ad Hoc and Standard Report

In earlier versions, Intellicus provided distinct listings for Ad Hoc and standard reports.

From this version, Ad Hoc and standard reports appear together in a combined list. This allows users to easily locate reports, whether Ad Hoc or standard, under their respective categories.

S.No.	Report Name	Quick Run	Run in Background	Run	Published	Schedule	Edit	Description
1.	All Country Sales - Linked Prompt							
2.	Consumer Satisfaction Trends							
3.	Customer Order							
4.	Product Details - Tree View Parameter							
5.	Product Sales - Chart Drilldown							
6.	Sales Marketing Dashboard							
7.	Sales by Country - Alternate Color							
8.	Yearly Sales Figure Comparison							
9.	Country Wise Sales Detail Chart							
10.	Product Sales Analysis - Chart and Cross Tab							
11.	Product Sales by Channel - Drilldown							
12.	Sales Summary by Representative							
13.	Total Sales By Customer							
14.	Total Sales By Product							

Additionally, there are new sorting options on the Report List. You can choose to sort by either Report Type (Ad Hoc or Standard) or by Report Name.

For sorting by Report Type, click the icon .

For sorting by Report Name, click the 'Report Name' Column Header.

Note: Some options, like Edit, could be disabled based on the report type (as before).

Performance

Performance improvement has been a focus area for this release. These improvements are described in subsequent sections below.

Report Output Pre-generation

Before this version, publishing was limited only to an intermediate format. Only at the viewing or delivery action, this intermediate format was converted to the requested output format. Thus, large reports could still consume processing time (for format conversion) while viewing or delivery.

Now, you can specify an output format at the time of publish. Later, you can still view the report in any of the available formats. This improves the viewing or delivery time in that format.

For example, you can initiate a task of executing a large report and also converting it to XLS in an overnight schedule.

Also, in case the same report is repeatedly viewed (in the same output), it can re-use the already converted output, thereby saving CPU time.

The screenshot displays a web-based report publishing interface. On the left, a vertical menu contains five options: 'VIEW', 'PRINT LOCALLY', 'PRINT AT SERVER', 'E-MAIL', and 'PUBLISH'. The 'PUBLISH' option is currently selected and highlighted. The main area of the interface is divided into two sections. The top section contains fields for 'File Name:', 'Expires on:' (with a calendar icon and a time field in hh:mm format), and a note '(Blank date stands for never expires)'. Below these is a 'Report Format:' dropdown menu. The dropdown is open, showing a list of available formats: HTML, ACROBAT PDF, COMMA SEPARATED, TEXT, INTERACTIVE, MS WORD, XML, MS EXCEL, and RAW TEXT. Below the dropdown, there is a 'Publish Option' section with a 'Pagination' dropdown set to 'Multi' and a checked checkbox for 'Publish Zippe'. At the bottom of the form, there are radio buttons for 'Public' (selected) and 'Private'. Finally, there are two buttons: 'PUBLISH IN BACKGROUND' with a folder icon and 'PUBLISH NOW' with a folder icon.

In all UIs where publishing information was captured, now pre-generation format is also captured.

Memory Fault Prevention

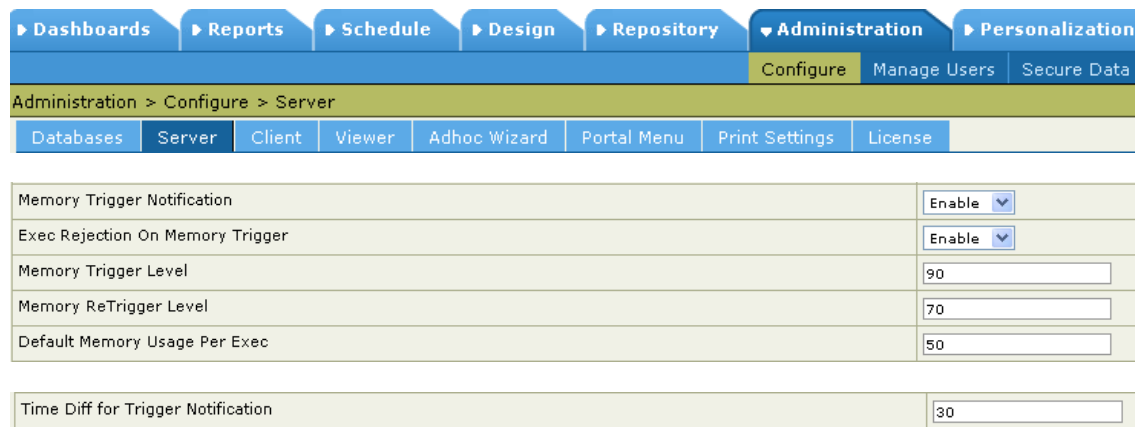
There used to be conditions - sometimes due to too many requests for generating many large reports, where the Report Server would report "Out of Memory" state. This condition of the server prevented it from serving any further requests.

This has been addressed by creation of a mechanism wherein the Report Server will be able to reject excess requests when it is already loaded up to its configured capacity.

Configuration

The following configurations govern the Memory Fault Prevention feature.

These are available under Administration > Configure > Server



Administration > Configure > Server	
Memory Trigger Notification	Enable
Exec Rejection On Memory Trigger	Enable
Memory Trigger Level	90
Memory ReTrigger Level	70
Default Memory Usage Per Exec	50
Time Diff for Trigger Notification	30

Significance of these configuration parameters

Configuration Parameter	Description
Memory Trigger Notification	When set to "Enable", it flags the Report Server to send the e-mail notification to the Administrator.
Exec Rejection on Memory Trigger	When set to "Enable", it flags the Report Server to reject requests on reaching the Memory trigger level.
Memory Trigger Level	This indicates the % of Memory utilization at which the Report Server will send e-mail notification to the Administrator
Memory ReTrigger Level	This indicates the lower % of memory utilization when the trigger will be re-enabled. For e.g., if the Memory ReTrigger Level is set at 70(%), the trigger will be enabled again when the Report Server goes below 70% and reaches back 70% of Memory utilization.
Default Memory Usage Per Exec	This indicates memory requirement per report (in MB of memory), if not set at the Report level.

Performance

Configuration Parameter	Description
Time Diff For Trigger Notification	This indicates the time difference (in minutes) between two subsequent e-mail notifications.

Alerting

The Report Server notifies the Administrator through e-mail when:

- Memory surges (i.e. reaches the Memory Trigger Level)
- On rejecting requests

Further, when it is running in a critical state, it prompts the user to submit the requests for Running in Background.

Note: The e-mail text can also be configured. These event based e-mail's text are available at Report Server level as text files. Refer to [Configurability Chapter](#) for details.

As a Super Administrator user, you can choose to receive these e-mail notifications by selecting the same using the "User Preferences" screen.

The screenshot shows a window titled "Send Email" with a "To Email Address" text box and a "For" section containing several checkboxes. The "Fault Tolerance" checkbox is highlighted with a blue border.

To Email Address


For

- ☐ All
- ☐ Approval Process
- ☐ Asynchronous Report Completion
- ☐ **Fault Tolerance**
- ☐ Memory Trigger
- ☐ Request Rejection on Memory Trigger

Run Report in Background

This Intellicus version introduces the “Run in Background” feature.

As an end user, you can use this option for reports that take long time to generate or the ones which are not required online immediately. The status of these report requests can be checked as and when required.

There are various options, at various functions, to invoke the “Run in Background” option, represented by the  icon.

The Run in Background option is available from the Report Listing screen. Click the icon for a report that needs to be run in background.

S.No.	Report Name ↑	Quick Run	Run in Background	Run	Published	Schedule	Edit	Description
1.	All Country Sales - Linked Prompt							
2.	Consumer Satisfaction Trends							
3.	Country Wise Sales Detail Chart							
4.	Customer Order							

For Standard Reports

You can also choose running a report in background while selecting the Delivery options (after selecting Run option).

Report Delivery Options

VIEW

PRINT LOCALLY

PRINT AT SERVER

E-MAIL

PUBLISH

JVISTA

ACROBAT PDF

MS EXCEL

HTML

INTERACTIVE

COMMA SEPARATED

TEXT

MS WORD

XML

RAW TEXT

RUN IN BACKGROUND

VIEW NOW

For Ad Hoc Reports

You can choose running a report in background while selecting to run the report.

Run Adhoc Report

Country Wise Sales Detail Chart

Run

Run in Background

Report Format: HTML

Select Filter Criteria

Max. Rows

Field

Criteria

Value

Product Name

Is

All Delivery Options support background Execution

All delivery options like View, Publish, Email, FTP and Print at Server support the background execution feature.

E.g. Publish in Background

The screenshot shows the 'Report Delivery Options' dialog box. On the left, there is a list of delivery options: VIEW, PRINT LOCALLY, PRINT AT SERVER, E-MAIL, and PUBLISH. The 'PUBLISH' option is selected and highlighted. On the right, there are fields for 'File Name', 'Expires on' (with a date and time picker), and 'Report Format'. Below these is a 'Publish Options' section with a 'Pagination' dropdown set to 'Multiple Page' and a checked checkbox for 'Publish Zipped'. At the bottom, there are radio buttons for 'Public' and 'Private', and two buttons: 'PUBLISH IN BACKGROUND' and 'PUBLISH NOW'.

Status Monitoring

A Status screen provides the current status of all the reports that are submitted to run in the Background.

The screenshot shows the 'Reports > My Reports' status screen. It includes a 'Recent Reports' section and a 'Report Execution Status' section. The 'Report Execution Status' section has filters for Category, Report, and User, and a table of report execution details.

Report Name	Action	Execution Type	Status	View	Completion Time	Pages	Cancel	Delete
Demo/All Country Sales - Linked Prompt	VIEW	Run in Background	Success		04/30/2008;11:34	-	-	
Demo/Country Wise Sales Detail Chart	VIEW		Success		04/30/2008;11:20	-	-	-
Demo/Country Wise Sales Detail Chart	VIEW		Success		04/30/2008;11:28	-	-	-

This screen shows the intermediate status also and the pages generated at the time of checking the status.

Note: For long running reports, you have the option to Cancel the execution from the monitoring UI.

Alerting

You will receive e-mail notifications on completion.

You can choose to receive these e-mail notifications by selecting the same using the "User Preferences" screen.

On error, the status shows "Error" and its details.

Life of background report output

Performance

As a Super Administrator, you can configure how many days the system should retain background completed reports (default 7 days).

Note: Scheduler Job History Purge Time (days) Property in Configuration is used for this.

User, who requested this report, can also delete this output manually from history/monitoring UI.

Repeat Request Check

In case of high load on the Report Server, when reports may be served slower than normal, a waiting user may tend to repeat a request by

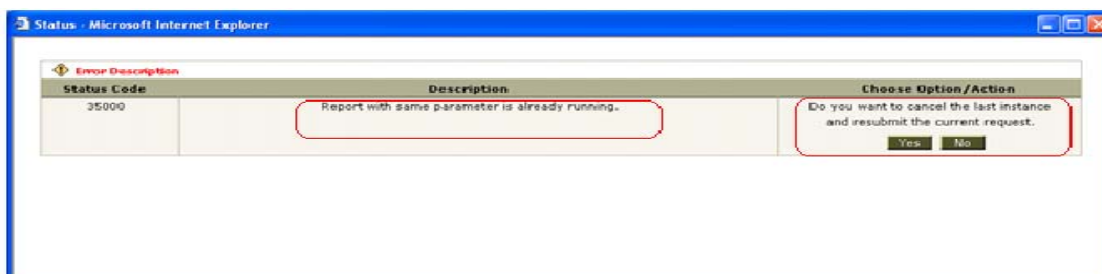
- Clicking Run option again
- Refreshing the browser (when Run gets disabled)
- New browser window

Now, Intellicus can be configured to check for repeated request by matching

- Same User
- Same Report
- Same set of parameters

Based on the above match, it can reject the second request. The user will be prompted to cancel previous request before submitting new one OR Navigated to check the status of previous request.

Upon indentifying repeat request, user shall be prompted:



On Report Engine console and in log files, the repeat request rejection is logged.

IRL Caching

Earlier, every request to run a report would do a repository database hit to fetch report layout.

Now, Report Server will manage an MRU list to keep report layout in memory.

This will speed up repeated requests for same report.

Configurations

As an Administrator, you can set the following configuration to govern this feature.

These are available under Administration > Configure > Server

IRL Cache Size	<input type="text" value="10"/>
----------------	---------------------------------

This property can be specified in two ways :

- As Number - to indicate the Number of reports that can be cached
- As Size (e.g. 10M) – to indicate the IRL cache memory size.

Report Streaming and Zipped Download

Earlier, viewing a report in XLS and PDF would begin download only after complete report is rendered.

Now, a report can start download, in chunks when few data records are fetched and few pages are rendered.

Note: Chunk-able report must not have forward referenced controls such as

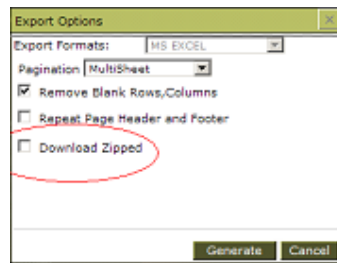
- Page 1 of n, OR
- a grand total in Report header, OR
- a chart on an Ad Hoc report

Now, report can be delivered in zipped format.

As an end user, you can opt to download zipped output when choosing PDF, XLS or CSV. You can also choose zipped format when you select following delivery options:

- a) upload the report to FTP
- b) attach in an Email

This mechanism is useful for report viewing and uploading from low bandwidth network. It is also useful when you have to attach HTML reports to emails as one (zipped) file.



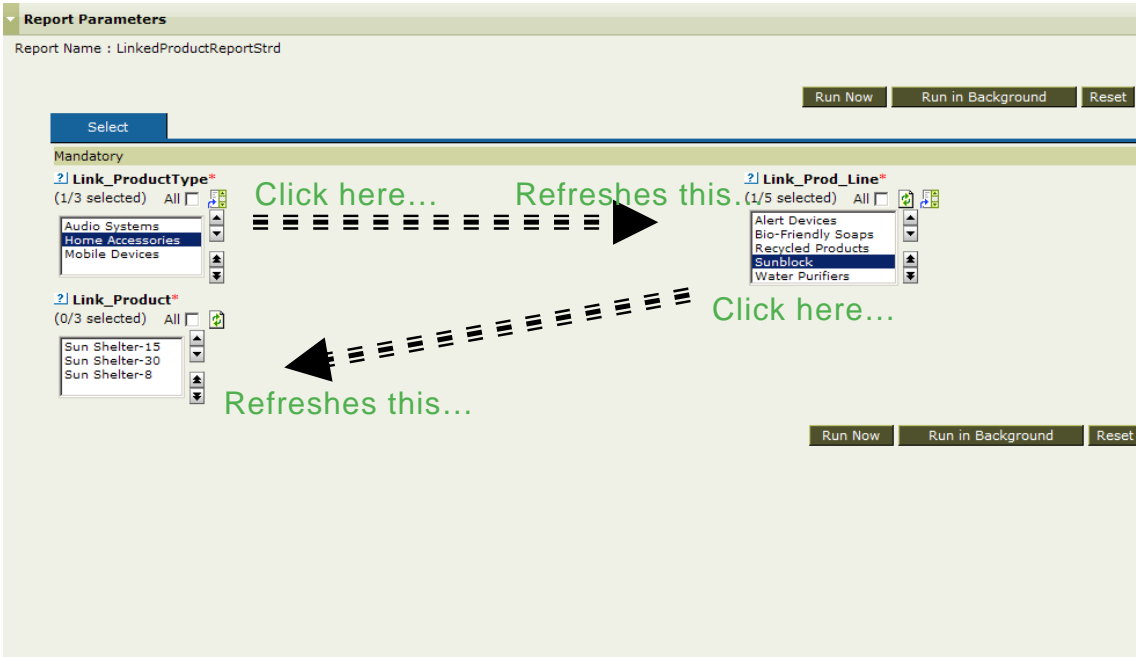
Report Parameters

Linked Parameters

This Intellicus version introduces the “Linked Parameters”.

This feature allows creation of dependant parameters in such a way that selecting one parameter can refresh values of other dependant parameters.

This provides a better user experience where the parameters are dependant. For example, Country->State->City; Product Type->Product Line ->Product.



Parameter Toolbar on Report Viewer

Parameter Toolbar has been introduced. This provides a “one view” of report and parameter on same screen.

You can select the parameter toolbar to modify the parameters and execute the report without needing to navigate back to the Input Parameter Form as earlier, thus, providing improved navigation and usability.

Report Parameters prmproType[ALL] prmproLine[Alert Devices,Bio-Friendly Soaps,CellPhone,Charger,Cover] prmpCountry[Australia,Belgium,Brazil,Canada,Chile,China]						
						
Total Order Value for Product Sold in: Australia						
01/22/08 18:33:31						
Product Line	Product Number	Product Name	Quantity	Order Price	Discount	Order Value
Australia						\$1,462.40
Home Accessories						\$113.50
Alert Devices	60101	Microwave Detective	424.00	\$12.70	12.75	\$4,698.24
Alert Devices	60102	Pocket Radon Alerter	60.00	\$39.00	10.00	\$2,106.00
Alert Devices	60100	Pocket U.V. Alerter	492.00	\$43.50	18.00	\$17,549.64
Bio-Friendly Soaps	60302	RiverKind Detergent	826.00	\$7.30	17.33	\$4,984.63
Bio-Friendly Soaps	60300	RiverKind Shampoo	700.00	\$11.00	14.00	\$8,622.00
Mobile Devices						\$1,348.90
Charger	40403	AC/DC Car Charger	294.00	\$21.30	19.33	\$5,051.51
CellPhone	40100	Audiovox XV-6600	180.00	\$126.70	10.33	\$20,449.38
Charger	40401	Cellboost Disposable Charger	130.00	\$113.00	8.00	\$13,514.80
Charger	40400	Dual Car Charger	544.00	\$67.40	11.20	\$32,559.05
Cover	40202	Extra Large Case Protectors	28.00	\$80.00	24.00	\$1,702.40
Cover	40200	Mini Case Protectors	72.00	\$99.50	8.75	\$6,537.15
CellPhone	40103	Nextel i325	2.00	\$100.00	19.00	\$162.00
CellPhone	40102	PCS Vision PPC-6601	34.00	\$555.00	3.00	\$18,303.90
Cover	40201	Pink Color Cancer Cellphone	20.00	\$129.00	5.00	\$2,451.00

Report Parameters

Report Parameters

Choose the Product Type [(All)] | Choose the Product Line [Bio-Friendly Soaps,Charger,Ear-Phone] | Choose a Country [Australia,Canada,Denma...

Report Name : All Country Sales Prompt

Run Report | Reset | (Select Form)

Select

Mandatory

Choose the Product Type:*

(3/3 selected) All

Audio Systems

Home Accessories

Mobile Devices

Choose the Product Line:*

(3/11 selected) All

Alert Devices

Bio-Friendly Soaps

CellPhone

Charger

Cover

EarPhone

MP3 p1

Recycled Products

Choose a Country:*

(3/52 selected) All

Australia

Belgium

Brazil

Canada

Chile

China

Denmark

France

Run Report | Reset | Save Form As

Total Order Value And Margin for Products Sold in...

12/28/2007 4:36 PM						
Order No	Rep No	Site No	Cust No	Order Dt	Closed Dt	
1	1	1	1085	03/21/03	03/23/96	
2	27	1	1148	07/03/03	07/14/96	
3	27	1	1030	08/30/03	09/12/96	
4	16	1	1038	03/28/03	04/12/96	
5	39	1	1093	09/02/03	09/05/96	
6	9	1	1119	07/08/03	07/12/96	
7	35	1	1008	03/24/03	04/06/96	
8	18	1	1128	10/15/03	10/25/96	
9	19	1	1127	03/22/03	04/04/96	
10	1	1	1009	08/10/03	08/14/96	
11	30	1	1036	02/05/03	02/09/96	
12	21	1	1089	08/14/03	08/25/96	
13	7	1	1092	02/15/03	02/28/96	
15	19	1	1121	06/29/03	07/02/96	

Back Button on Toolbar has also been introduced. A click on the Back button will take the user to report listing page.

Report Parameters

HTML Report output with Back Button.

Report Parameters prmProType[Audio Systems,Home Accessories] | prmProLine[Alert Devices,Bio-Friendly Soaps] | prmCountry[Australia,Belgium]

1/1+

Total Order Value for Product Sold in: Australia

01/22/08 18:42:32

Product Line	Product Number	Product Name	Quantity	Order Price	Discount	Order Value
Australia						\$113.50
Home Accessories						\$113.50
Alert Devices	60101	Microwave Detective	424.00	\$12.70	12.75	\$4,698.24
Alert Devices	60102	Pocket Radon Alerter	60.00	\$39.00	10.00	\$2,106.00
Alert Devices	60100	Pocket U.V. Alerter	492.00	\$43.50	18.00	\$17,549.64
Bio-Friendly Soaps	60302	RiverKind Detergent	826.00	\$7.30	17.33	\$4,984.63
Bio-Friendly Soaps	60300	RiverKind Shampoo	700.00	\$11.00	14.00	\$6,622.00

Report Rendering

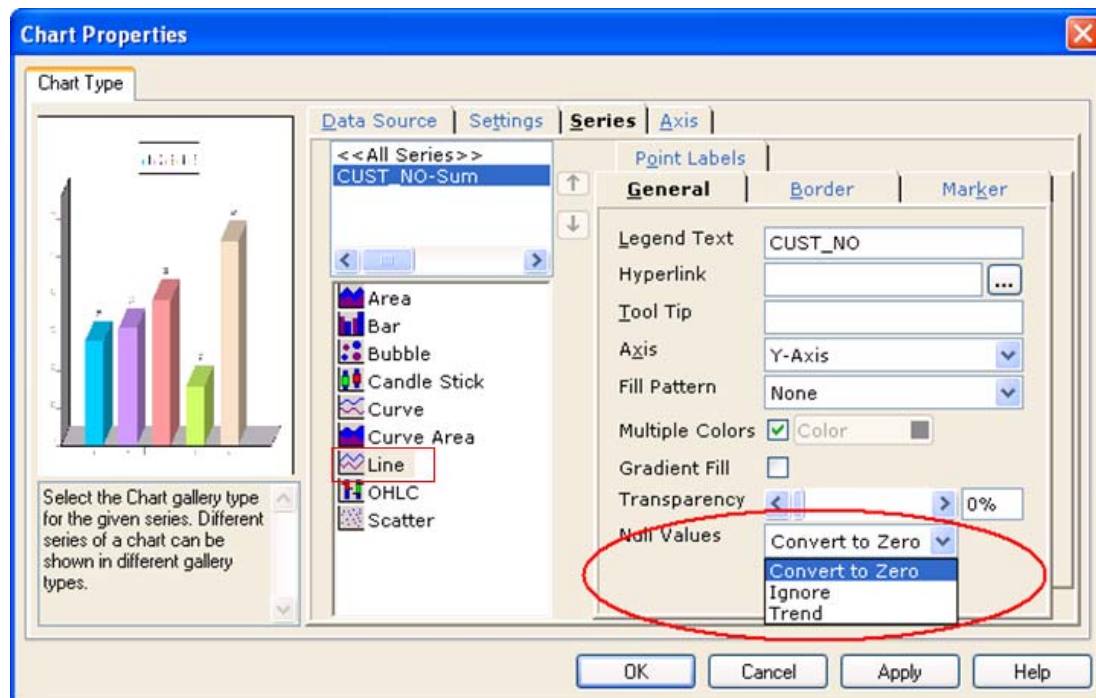
Line Charts

Trend Lines

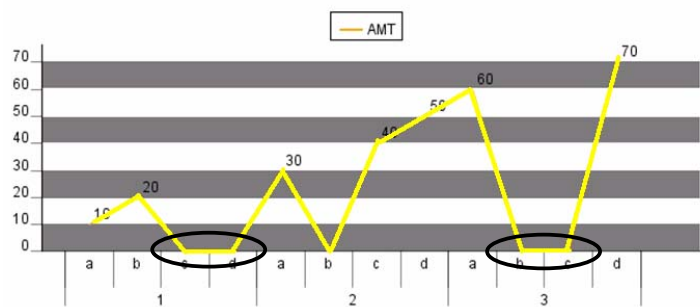
Since different businesses need different behavior for NULL (when used as a value) at different times, this version provides options for treating NULL Values in data (in case of line charts).

NULL values in Line Charts can be treated as

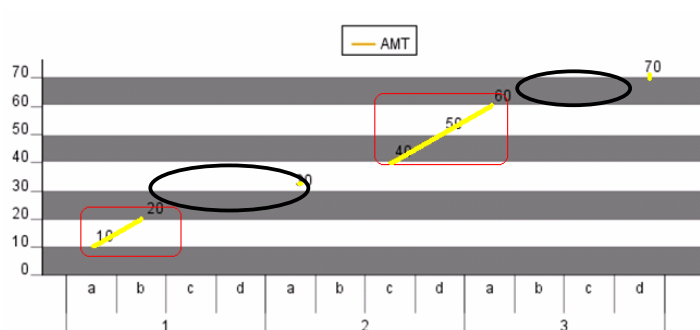
- Convert to zero
- Ignore
- Draw trend line



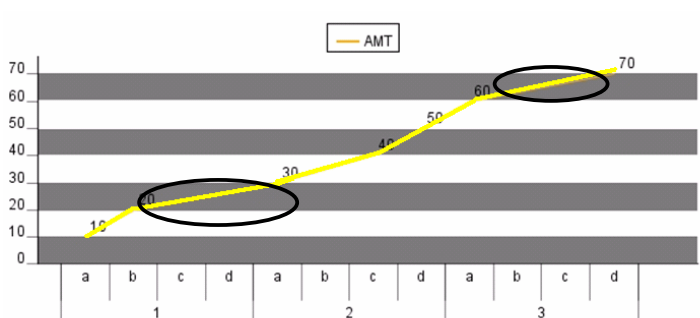
Convert to '0'



Ignore nulls



Trend



Cross Tab Reports

Some new capabilities have been added to crosstab reports.

Now, you can calculate average on Row Summaries and also have alternate colors at group level on row headers.

Also, new summary options have been introduced. The summary level can be defined for

- Data Records
- Grid (displayed values one level below)
- Specific level field at below levels

Average on Row summaries

Crosstab Properties

Crosstab

Summary Field: **SALES_92**

For each PROD_LINE in PRODUCT(s), STATUS wise Count of SALES_92

Data Source | **Format** | **Settings** | **Runtime**

Caption: SALES_92

Font: **Tahoma**

Align: **Right**

Back Color: **White**

Fore Color: **Black**

Width: 1635 Height: 315

Hyperlink: **None**

Visible: ☒

Data Format: 0.00

Summary Function: **Count**

Summary Level: **(Data Records)**

Position: **After**

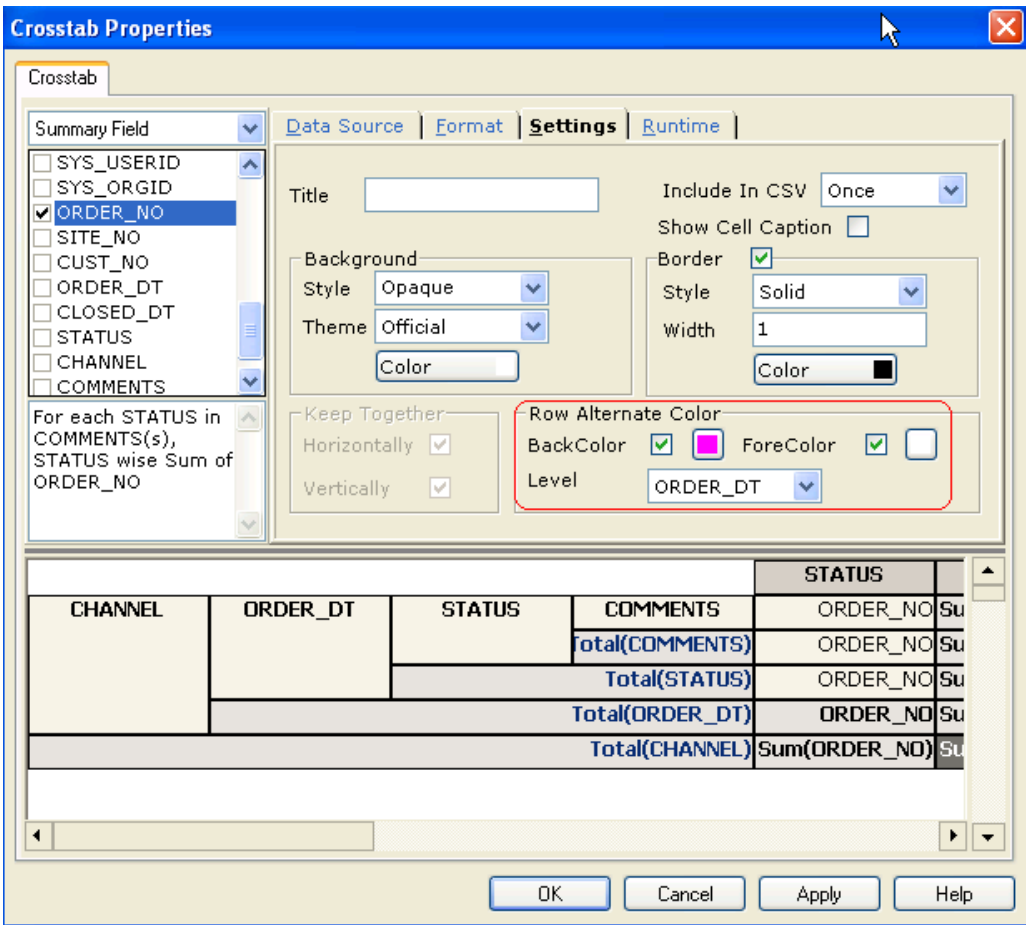
Conditional Formatting

		PROD_TYPE		total(PROD_TYPE)
		STATUS	Total(STATUS)	
PROD_LINE	PRODUCT	SALES_92	SALES_92	Count(SALES_92)
	Total(PRODUCT)	SALES_92	SALES_92	Count(SALES_92)
Total(PROD_LINE)		Sum(SALES_92)	Sum(SALES_92)	Count(SALES_92)

OK Cancel Apply Help

Alternate Color Grouping

You can choose the group level in which the colors should alternate



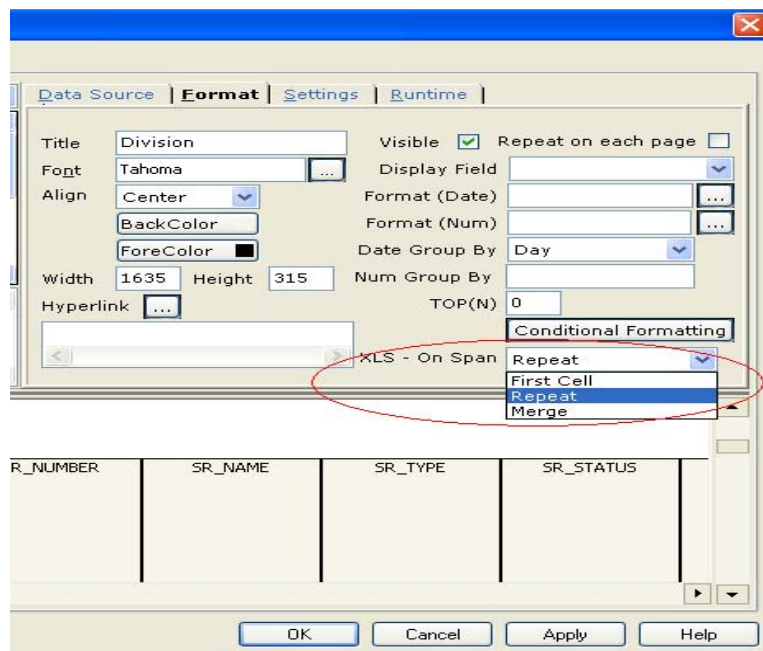
Crosstab Output in XLS Format

The crosstab header fields now has XLS specific properties.

Repeating Row header values or Cell Merging

The newly introduced properties can help report designer to achieve Cell merger, header data cell merger, or repeat.

	A	B	C	D	E	F	G	H	I	J	K	L	M
9													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21													
22													
23													
24													
25													
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37													
38													
39													
40													



Alternate color in summary fields

The alternate color level can be chosen from available group levels.

The screenshot shows the 'Settings' tab of a report rendering dialog. The 'Row Alternate Color' section is highlighted with a red circle. It contains a 'BackColor' checkbox (checked), a 'ForeColor' checkbox (unchecked), and a 'Level' dropdown menu. The dropdown menu is open, showing the following options: DIVISION, STATE, COUNTRY, and REGION. The 'DIVISION' option is selected. Below the dropdown, a table preview is visible with columns for _NUMBER, SR_TYPE, and SR_STATUS. The 'DIVISION' option is listed under the _NUMBER column.

_NUMBER	SR_TYPE	SR_STATUS
DIVISION		

Drill down Reports thru Form Submission

It has been observed that heavy URLs fail due to size limitations of many browsers using GET method.

To overcome this, this version provides an option to configure, that after a pre-set length-limit the URL gets converted to a POST request instead of the GET request.

Configuration

The length limit can be specified as a configuration parameter for the Report Server at Administration->Configuration->Report Server.

Drilldown Max URL Length	<input type="text" value="2000"/>
--------------------------	-----------------------------------

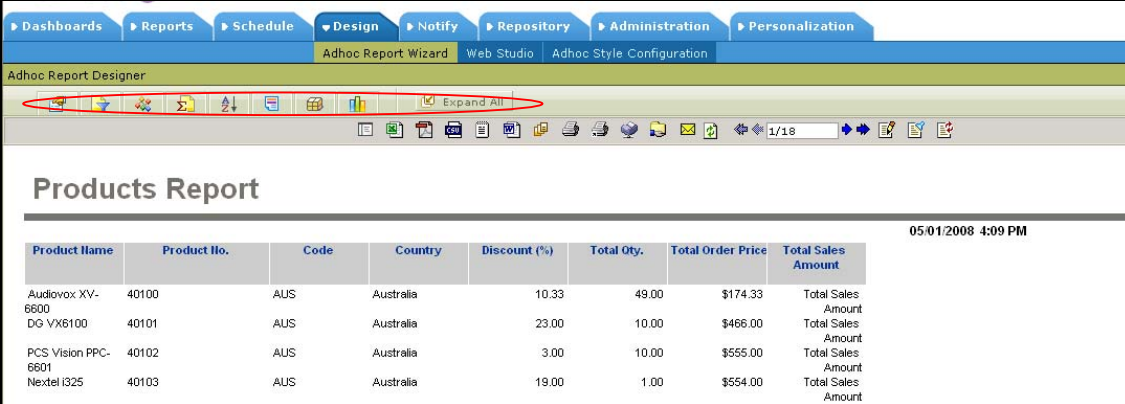
Ad Hoc Reporting

Ad Hoc Toolbar on Report Viewer

Ad Hoc Toolbar has been introduced and is available on the Report Viewer, after the initial run of the report using the Ad Hoc Wizard.

This toolbar allows making changes to selections across the sections of the Ad Hoc Wizard.

The presence of the toolbar allows faster and better navigation for parameter value changes and re-run of the reports with the changed values.











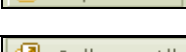
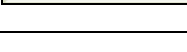
The screenshot displays the Ad Hoc Report Designer interface. At the top, there is a navigation bar with tabs: Dashboards, Reports, Schedule, Design (selected), Notify, Repository, Administration, and Personalization. Below this is a sub-navigation bar with options: Adhoc Report Wizard, Web Studio, and Adhoc Style Configuration. The main toolbar is highlighted with a red circle and contains various icons for report manipulation, including a red circle around the 'Expand All' button. Below the toolbar, the report title 'Products Report' is displayed. To the right of the title, the date and time '05/01/2008 4:09 PM' are shown. The report content is a table with the following data:

Product Name	Product No.	Code	Country	Discount (%)	Total Qty.	Total Order Price	Total Sales Amount
Audiovox XV-6600	40100	AUS	Australia	10.33	49.00	\$174.33	Total Sales Amount
DG VX6100	40101	AUS	Australia	23.00	10.00	\$466.00	Total Sales Amount
PCS Vision PPC-6601	40102	AUS	Australia	3.00	10.00	\$555.00	Total Sales Amount
Nextel I325	40103	AUS	Australia	19.00	1.00	\$554.00	Total Sales Amount

Ad Hoc Toolbar

Specific sections are represented by specific icons on the toolbar



	Expand Data Source section
	Expand Filter section
	Expand Group section
	Expand Totals section
	Expand Sort order section
	Expand Highlighting section
	Expand Matrix section
	Expand Chart section
	Expand all sections of wizard
	Collapse all sections of wizard

Power Viewer on Matrix

Now, Power Viewer is available on Ad Hoc Matrix also. You can drag-drop fields on the Ad Hoc Matrix.

The following functions can be performed:

- Add fields to matrix
- Change field hierarchy on matrix
- Apply filters
- Remove hierarchy from matrix

Field list box for adding fields

Click to open Available Field List

		Channel		Direct Sales		Mail Sales		Sales 92	Sales 93
Prod Type	Prod Line	Sales 92	Sales 93	Sales 92	Sales 93				
Audio Systems	MP3 p1	7032816	10383156	1841928	2719398	8874744	13102554		
	VCD P			426030	732204	2052690	3527892		
Home Accessories	Alert Devices			366102	1080717	1763946	5207091		
	Bio-Friendly			720027	3001878	3469221	14463594		
	Recycled			337590	357852	1626570	1724196		
	Sunblock			879714	1983861	4238622	9558603		
	Water Purifiers			860310	1929774	4145130	9298002		
Mobile Devices	CellPhone			3898125	6497271	18781875	31305033		
	Charger			2580798	1940730	12434754	9350790		
	Cover			1314819	754941	6335037	3637443		
	EarPhone			264990	353760	1276770	1704480		
Total				13490433	21352386	64999359	102879678		

Available Field List

Pick Field and Drop on matrix:

- ☐ Prod No
- ☒ Prod Type
- ☒ Prod Line
- ☐ Product
- ☐ Prod Cost
- ☐ Prod Price
- ☐ Status
- ☐ Picture
- ☒ Sales 92
- ☒ Sales 93
- ☐ Sales 94

Fields which are part of Matrix in Grey

Fields which are not used on Matrix in Black

Cumulative Power Viewer

This version introduces the Cumulative Power Viewer on Ad Hoc Reports.

This allows user to accumulate actions and then perform these actions in one go, thereby providing option to group actions and see results in a cumulative fashion.

The actions get stacked on the "Action Board".

The user can choose to Refresh (i.e. perform requested actions) immediately or on demand.

Total Sales By Product

Apr 30, 2008 2:48 PM

Product No.	Product Name	Total Qty.	Total Order Price	Total Sales Amount
40100	Audiovox XV-6600	1,662.00	\$147.90	\$245,809.80
40101	DG VX6100	507.00	\$448.10	\$227,186.70
40102	PCS Vision PPC-6601	1,765.00	\$492.20	\$868,733.00
40103	Nextel i325	456.00	\$491.80	\$224,260.80
40200	Mini Case Protectors	793.00	\$100.50	\$79,696.50
40201	Pink Color Cancer Cellphone	511.00	\$112.80	\$57,640.80
40202	Extra Large Case Protectors	572.00	\$80.00	\$45,760.00
40300	Over Ear For 2.5mm Phones	479.00	\$15.10	\$7,232.90
40301	2.5 mm Flashing EarPhone	252.00	\$131.20	\$33,062.40
40302	Plantronics M205 Earbud	746.00	\$30.00	\$22,380.00
40303	Body Glove EarGlove	579.00	\$24.00	\$13,896.00

Show

Group

Show Chart

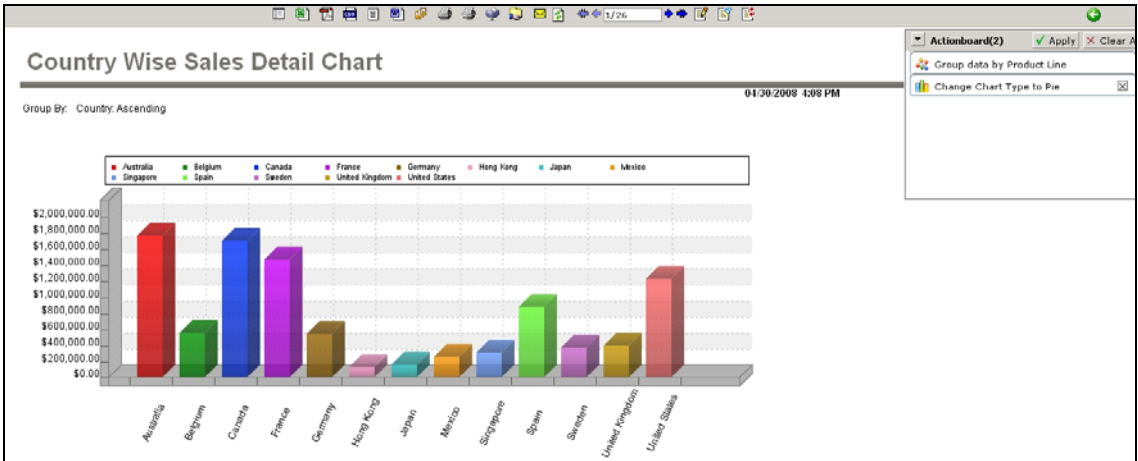
☒ Immediate Refresh

Save Layout As

Ad Hoc Reporting

The Action Board provides a great deal of flexibility by allowing the following operations:

- Maintains actions list
- Allows deleting of chosen actions from the list
- Allows applying all changes and refresh report



Issues resolved

ID	Description
4043	Unable to run a report from Adhoc Wizard for Postgres Procedures.

7

Collaboration

Approval Process

With this version, you can define and create an enhanced Approval Process for your reports.

You can apply the process to cases where the report needs to be approved by person with authority before it can be published for consumption by other users.

Under this process, the reports have a lifecycle with states:

- PENDING – It is the initial state.
- APPROVED – Delivery/Publishing happens only after Approval; all requested Operations (Email, Publish, FTP, and Print etc.) happen only after Approval.
- REJECTED – No Delivery of report takes place.

Roles

The following Roles can be defined for an Approval Process for a report.

Approver

Users granted this privilege should be able to approve or reject reports in the workflow. This privilege implies Comment rights by default.

Commenter

Users granted this privilege should be able to add comments to the comment history. These comments should be tracked and saved.

User who are not approver / commentor

They can view the report output after an approver has approved a report.

Approval Status

A Status Screen is available to have a look at the Report Status.

Reports > Search

Published Name Includes

Updated Between and

Look In Category Report Layout

Approval Process Status

S.No.	File Name	Generated By	Generated Time	Expiry Time	Approval Process Name	View	Comments	Description	Delete
1.	All Country Sales 1999	Admin	05/12/2007;02:04	Never	Approve & Reject (18/12/2007;08:04)				
2.	All Country Sales 1998	Admin	05/12/2007;02:04	Never	Approve & Reject (18/12/2007;06:00)				
3.	All Country Sales 1995	Admin	05/12/2007;02:04	Never	Approve & Reject (18/12/2007;05:58)				
4.	All Country Sales 1993	Admin	05/12/2007;02:04	Never	Approve & Reject (17/12/2007;15:30)				
5.	All Country Sales 1990	Admin	05/12/2007;02:03	Never	Approve & Reject (15/12/2007;20:00)				

Approval Process properties are configurable.

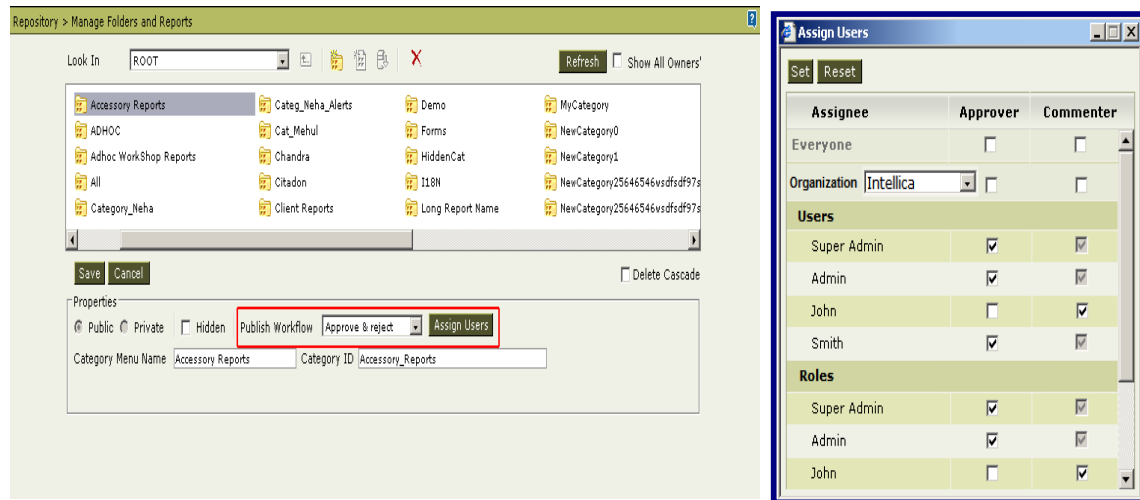
For Example: The caption of the Status.

Administration > Secure Data > Approval Process

Name

State	Caption
Pending	<input type="text" value="PENDING"/>
Rejected	<input type="text" value="REJECTED"/>
Approved	<input type="text" value="APPROVED"/>

Assign Roles



Specific Users will be authorized to approve specific reports.

A user may be an approver or a commenter for a given report.

Both can view the report during its PENDING status.

Listing

Home					
Recent Reports					
Pending Reports					
File Name	Generated By	Generated Time	Expiry Time	Approve	View
Report Name: Annual Sales Figure Comparision Category: Demo Approval Process Name: Approve & Reject					
Annual Sales Figure Comparision1	Admin	09/05/07; 16:30	Never		
Annual Sales Figure Comparision2	Admin	09/05/07; 16:00	Never		
Annual Sales Figure Comparision3	Admin	09/05/07; 15:48	Never		
Annual Sales Figure Comparision4	Admin	09/05/07; 15:45	Never		
Annual Sales Figure Comparision5	Admin	09/04/07; 19:40	Never		
Report Name: Sales by Channel Category: Demo Approval Process Name: Approve & Reject					
Sales by Channel1	Admin	09/05/07; 16:30	Never		
Sales by Channel2	Admin	09/05/07; 16:00	Never		
Alerts					

A list of reports pending for a user's approval is shown on the home page.

Collaboration

Adding comments

User can add an approval/rejection/pending comment, at the time of post-viewing the report.

The screenshot shows a web application interface for viewing a report titled "All Country Sales". The report is grouped by "Country: Ascending". A table displays sales data for Australia, including product details, quantities, prices, discounts, and total sales amounts. An "Add Approval Process Comment" dialog box is open on the right, showing a comment field with the text "Approved for publishing in public domain.", a checkbox for "Show in next stage", and a "Show After Approval" checkbox. The dialog also displays the user's name and the current date and time.

Product No.	Product Name	Total Qty.	Total Order Price	Discount (%)	Total Sales Amount
Australia					
40100	Audiovox XV-6600	49.00	\$174.33	10.33	Total Sales Amount
40101	DG VX6100	10.00	\$466.00	23.00	Total Sales Amount
40102	PCS Vision PPC-6601	10.00	\$555.00	3.00	Total Sales Amount
40103	Nextel I325	1.00	\$554.00	19.00	Total Sales Amount
40200	Mini Case Protectors	43.00	\$115.50	8.75	Total Sales Amount

Search based on Status

The screenshot shows the "Reports > Search" interface. It includes search filters for "Published Name Includes", "Updated Between", "Look In Category", and "Approval Process Status". A "Search" button is present. Below the filters is a table listing reports with columns for S.No., File Name, Generated By, Generated Time, Expiry Time, Approval Process Name, View, Comments, Description, and Delete. The table shows five reports, all generated by "Admin" on 05/12/2007, with various approval process names.

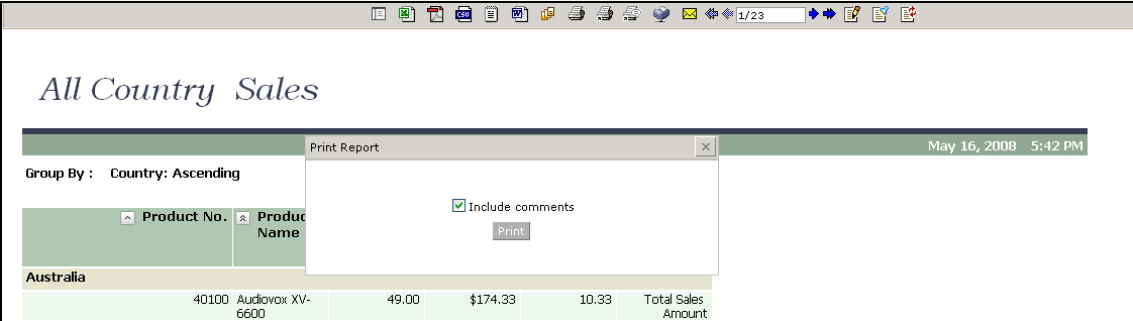
S.No.	File Name	Generated By	Generated Time	Expiry Time	Approval Process Name	View	Comments	Description	Delete
1.	All Country Sales 1999	Admin	05/12/2007;02:04	Never	Approve & Reject (18/12/2007;08:04)				
2.	All Country Sales 1998	Admin	05/12/2007;02:04	Never	Approve & Reject (18/12/2007;06:00)				
3.	All Country Sales 1995	Admin	05/12/2007;02:04	Never	Approve & Reject (18/12/2007;05:58)				
4.	All Country Sales 1993	Admin	05/12/2007;02:04	Never	Approve & Reject (17/12/2007;15:30)				
5.	All Country Sales 1990	Admin	05/12/2007;02:03	Never	Approve & Reject (15/12/2007;20:00)				

User can search all published reports, by applying a filter on approval status (Approved, Rejected or Pending).

Include Collaboration Comments in Report Printing

Now, you can choose to append comments to the report as tail-pages during Export to PDF, XLS, Word and Printing.

Note: The comments available to the logged in user will only be exported/printed.

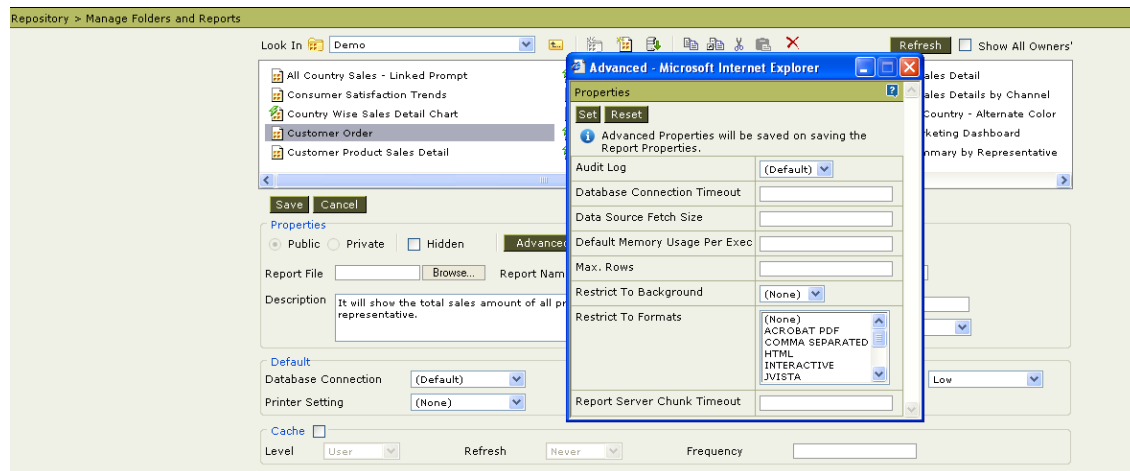


Configurability

Report Level Properties

Now, many attributes that were at System Level can be set at Report Level. The attributes are as follows:

- Audit Log On/Off
- Timeout values
- Max Rows
- Default memory usage for the report
- Restrict the report to run in background
- Restrict the report to specific formats



Configuring Email Messages

As an administrator, you can configure the contents of the e-mails sent by the system. The e-mail text files are available at the Report Server level.

These e-mails are triggered due to various events. The names of the files indicate the events when these are sent. (e.g. MemoryExceededMessage.txt)

Note: The dynamic information is represented by the <%%> tags within the text file (e.g. <%REPORT_FORMAT%>).

Resolved Issues

ID	Description
WC #4074	Null Pointer Exception on changing the sub report type to referenced from Embedded. Null Pointer Exception on uploading a report by replacing another report at server.
WC #4048	RE does not call filter callback methods for unbound charts queries.
WC #4008	Permission Denied error on pressing back after report run in Integrated environment.
WC #3901	If default or English option select on login page, javascript message always comes from bundler
WC #3846	[4.0.9]On saving any PO the Save request for First PO always goes along with.
WC #3844	In case of XL multipage or horizontal - Page header and Footer should be selected disabled
WC #3838	Last Report description in Report Listing is not visible properly
WC #3827	Provide support to Cancel report, before first chunk is received. User should be able to cancel a report before first chunk is received and the HTML Viewer bar is not generated.
WC #3924	The width of date type parameter textbox and dropbox is not sufficient
WC #3817	On IPF the calendar is not visible completely for corner/last parameters.
WC #3778	In configure -> database ->Access right. - help is missing
WC #3760	[4.0A4]All reports get listed when we search for either Adhoc or Standard.
WC #3749, 3641,	UI caption inconsistencies corrected
WC #3734, 3578	Web portal bundler converted to XLS format
WC #3678	IPF sends all display values for Search type parameters. IPF should send ALL for Search type parameter when user explicitly clicks on select All check box and also for multiselect shadow - enabled parameter. This should be based on the value of portal level property Param List All Check.
WC #3659	System parameters and values in Hyperlink options under Query Object are not coming from bundler.
WC #3658	[4.0A3]Remove Blank Rows,Columns and single sheet should be selected by default for xls.
WC #3654	During subscribe,option values for "Valid Upto" and "End of This" are coming from bundler.

Resolved Issues

ID	Description
WC #3648	[4.0Alpha3]Schedule-Job: In Run once, does not allow to save date in the specified format.
WC #3635	[4.0.A3]External url left blank still showing Hyperlink on that field
WC #3631	[4.0.A3]Default target set for drilldown hyperlink on portal is not correct.
WC #3605	UI modifications of Add Comments and Show Comments.
WC #3604	Comment access rights dialog should have set-Reset buttons.
WC #3603	Provide context menu option to add Series or X-Axis on Chart from Powerviewer
WC #3591	Cached formats should be shown highlighted for saved reports
WC #3588	Adhoc Wizard - Show Chart Type small Icon with the series field when chart type is set at Series level.
WC #3587	On Adhoc wizard, section headers doesn't get bold when Chart and Matrix are set
WC #3585	While viewing, emailing, publishing, uploading a report user should be able to specify that View Options for the Report
WC #3584	Provide Support for Zipped Output delivery
WC #3583	Provide support for comments printing
WC #3582	Support for " Print Direct with comments " button in HTML toolbar
WC #3581	Provide support for checking concurrent request from same user.
WC #3573	Required feature on Powerviewer which allows user to perform more than one operation before refreshibg report to get latest changes
WC #3565	[4.0]Displaying Add comments button on publishing a report
WC #3547	Support for Entity level properties (Report and QO). A selected set of report server and report client properties need to be supported at entity level for more granuality. For instance, the timeouts associated for execution of reports have to be set as large as to enable execution of largest report in the system. They should be different for all the reports.
WC #3545	To support drilldown hyperlink by form submission, Report viewer needs to change its behaviour of handling hyperlink
WC #3491	In case of large parameter values, Report Viewer is sending cancel request.
WC #3466	Provide support of Linked parameter
WC #3465	Background execution of reports. This feature will allow executing reports, publishing reports, Emailing and printing (at server) reports in background or asynchronous mode.
WC #3453	Support for Viewer target property in Portal Configuration UI Portal.xml should have VIEWER_TARGET property and it should be configurable from Portal configuration UI for setting the Report viewer target with respect to the IPF.

Resolved Issues

ID	Description
WC #3447	Through java api,blank space is not accepted for user name and role. If user or role is created though Intellicus portal,blank space is accepted in user name and role name but if user or role is created though java API,then blank space is not accepted in user name and role name. It throws acception 'Invalid user name or role name'.
WC #3435	Framing of Adhoc Wizard or Adhoc Run, Parameter Form and Report Viewer There must be an option to open adhoc report output in one of the child frame of Adhoc Wizard and Adhoc Run screen
WC #3432	Support for Back Button in HTML tool bar. In HTML report viewer tool bar , BACK button should be present to enable user to navigate back to report listing.
WC #3431	Framing of IPF with Report Viewer The IPF and Report Viewer should appear on the same screen. The HTML report veiwer should get open in a frame, integrated within IPF screen. User should be able to run same report with different parameter values, from IPF screen without navigating back.
WC #3403	[4.0] Client Side HTML Report folder structure modified. While executing a large report of about 1 lac pages, HTML report execution slows down exponentially as the folder size increased with number of pages dumped.
RE #4074	Null Pointer Exception on changing the sub report type to referenced from Embedded. Null Pointer Exception on uploading a report by replacing another report at server.
RE #4048	RE does not call filter callback methods for unbound charts queries.
RE #4043	Unable to run a report from Adhoc Wizard for Postgres Procedures.
RE #4039	Procedure/Function arguments are passed in incorrect order in postgres. When a postgres procedure, with arguments, is executed, its arguments are passed in incorrect order. e.g. the argument at second place is set at position one
RE #4034	In CVS output the data is displayed completely after that the data is repeated with the column Split.
RE #4033	On applying IP Format on column XLS output generation fails. Create a QO, apply IP format on a number type of data field. Generate its XLS output. It fails to generate the XLS output. Please find the attached logs.
RE #4031	In CSV Output, the data is not repeated on each row.
RE #4021	NumberFormatException occurs when IRL Cache memory is given in small letters(e.g. 10k)
RE #4010	Default e-mail messages improved.
RE #4009	Improper message sent with report emailed as link. Email a Report as a link. Open the email sent. The message sent in the mail is not in proper format. The newline character is visible in the message.

Resolved Issues

ID	Description
RE #4003	Null pointer occurs in the log and in the status message when restoring an Archive file. Create a Archive file having Published reports "with comments" now click on Administration > Archiving > Restore and click on restore Error (1): -Unable to restore the comments for the Saved Report: p1 java.lang.NullPointerException
RE #3998	Error on trying to search report list using start date and end date. Go to Reports > Search. Select same date for both start date and end date. Click Search button. System gives error and RE log shows NullPointerException.
RE #3995	Error on opening a new report emailed as a link. Go to adhoc wizard. Select a QO. Run the report and Email it as a link. Click the link sent in email and login. System shows error as "Unable to download report layout file.: A Report with this ID doesn't exist in Repository. Provide a correct ID to continue. (select Report from list for better results)".
RE #3993	Schedules are failing due to mismatch in case of User id value. Schedules created with user id admin_User are failing when Admin_user exists in database with mapping of Admin_user of host application. Mappings are independent for all use case of execution of report except Scheduling. The error "User is suspended" occurs on report server.
RE #3991	When a date field is added in a report and some format like yyyy is applied on it, Report Server keeps only YEAR part of the date. When we view XLS output of this and change the format of this field it takes default value for date and month part rather it should keep original value of date (as coming from DB)
RE #3990	IllegalArgument Exception when date field taken in CandleStick and OHLC chart.
RE #3989	Number converts to Date in Excel when cell is clicked in the crosstab.
RE #3987	Standard Reports running will be governed by the License.
RE #3986	Reports fails to open in Raw text format from Reports > My Reports > Report Execution Status. Gives error.
RE #3983	Make a MSSQL repository connection and start the report engine. Error comes in log "java.sql.SQLException: [Microsoft][SQLServer 2000 Driver for JDBC] [SQLServer]The ORDER BY clause is invalid in views, inline functions, derived tables, and subqueries, unless TOP is also specified."
RE #3980	Portal fails to retrieve scheduled job execution history list with MSSQL Repository.
RE #3972	Null Pointer exception on exporting report in xls with crosstab when data caching is on
RE #3963	SQL Parser fails to parse query containing Current_Date in "where" clause. For e.g. "Select * from t1 where Current_Date=Current_Date"
RE #3961	On executing prefetch drill down reports, expiry of published reports is set to end of day.
RE #3960	NullPointerException on setting Prefetch Drill Down.

Resolved Issues

ID	Description
RE #3959	NullPointerException occurs on emailing from Jvista. Cache is on for xls. 1)Run a report in jvista format by user having secure rights. 2)Mail it in excel attachment.
RE #3957	Support Re-initialization database connection in case the report having stored procedure.
RE #3956	On Advanced properties tab of QO, values of Audit log property should be in title case
RE #3953	Date values are now exported as Date values in XLS.
RE #3951	Arial Unicode MS and some other font not displayed in the Fonts list
RE #3940	Nullpointer exception occurs on email through notification. 1)Make a report with alert. 2)Subscribe it having Email as message delivery option.
RE #3939	Incorrect spelling of 'database' in logs of getting IRL from database.
RE #3924	iSupport#1596: Unable to run reports using Sybase jConn3 driver Certain limitations were observed through both the drivers jTDS and jConnect that support connectivity with Sybase database.(All Repository operations are fully supported by jConnect and all Reporting operations are by jTDS.)
RE #3918	Comments don't appear as part of the published report, when emailed as link. 1)Go to Saved report list. 2)run a published report having comments. 3)Email as link this report in excel single sheet/Word/Csv/Text. 4)Click on the link from mail.
RE #3916	Format properties not applicable at recent report listing When report are re-run through recent report listing format properties used while running the report are not sent by the engine.
RE #3914	Comments exported when "Include Comments" is unselected. 1)Run a published report having comments. 2)Export it in any format without "Include Comments".
RE #3913	When error occurs while retrieving History list the remaining list should be displayed
RE #3910	Add support for "[]" and "` ` " as enclosure for SQL identifiers in SQL Parser
RE #3909	Add support for "Order Siblings By" clause in sql parser
RE #3905	Null Pointer Exception occurs in Log on viewing Drilldown Report set as Hyperlink after setting Restrict to Format property for it. But it Occurs only once,After viewing it Again Exception does not occur.
RE #3902	If we check "Repeat on each page" property for a row header in crosstabProperties>Format, then Studio Crashes while navigating through report pages in preview.
RE #3895	Not able to view published report when direct published in XML and DHTML format.
RE #3886	Null Pointer Exception on Emailing the Report when we copy Link it in other category and Set Excel as Restrict to Format property for it.
RE #3885	Repeat Report Exec Request property do not work when report run in different browsers.

Resolved Issues

ID	Description
RE #3880	Expiry time for publish report should be controlled by Asyn expiry time For example I have made schedule running on 20th march 2008, when this schedule gets executed published report respective of this schedule should have expiry time is never, but it is 03/20/2008;24:00:00
RE #3878	Null Pointer Exception when chart report run with Limited Network connectivity.
RE #3869	"Unable to Create the Report Output file" comes on opening email link for XML/DHTML. 1)Go to Reports > Category > Select a report. 2)Click on run icon and select Email. 3)Select Link and XML/DHTML output format. 4)Give Email Id and subject and Click on EmailNow. 5)Open link from mail.
RE #3868	Excel output in singlesheet for multisheet/HorizontalBreak email as link. 1)Go to Reports > Category > Select a report. 2)Click on Run icon. 3)Select Email. 4)Select Excel as output format. 5)Select multishhet/HorizontalBreak as pagination. 6)Give mail id and subject. 7)Click on Email now. 8)Open the mail and click on the link.
RE #3867	Alternate Color Level on Crosstab is not working properly.
RE #3866	Report updation failed on redeploying a cab. First deploy any cab then delete a category (delete cascade) from Repository > Manage Folders and Reports. Now again deploy same cab. Report updation fails and got error msg.
RE #3862	HM Threads Chart not working
RE #3856	Individual filtered History not shown for the Quick schedule Job
RE #3854	Exception in log when report is cached.
RE #3850	Issues in Adhoc Chart 1. Order of Series set on Adhoc Wizard and rendered on Chart output is opposite. 2. If 2 series of same field with diff summary function is selected then Adhoc Chart is not properly rendered
RE #3849	Chart Enhancements 4.0 1) Alternate Plot Area Color when Autoformat is set should be lighter Gray when plot area color is white
RE #3842	Not able to display Shape at report level in HTML.
RE #3835	When DayLight Saving is enabled, Scheduler is running infinitely after every 6 seconds.
RE #3833	Engine generates exception when default date format in MSSQL database. The where clause generated when filters are applied on date type column gives error if the default date format in the database is other than mm/dd/yyyy
RE #3832	Support format properties for SAVED REPORT OUTPUT and other use cases
RE #3830	For Report Execution Status Response all the Reports available for Post View should also be listed. When user Run/Email/FTP a report it remains available for CACHE_PURGE_TIME. So, if user requests Execution Status then user should get the listing of all such report whose Generation Time & Current Time Difference is less than CACHE_PURGE_TIME

Resolved Issues

ID	Description
RE #3828	Adhoc Chart Enhancements 4.0 1) Make a visible triangle marker on Line Chart of Size 8pt. 2) For Quarter grouping set Text as Q1/2008 in Chart, Matrix and Groups 3) X-Axis Label should show Group-By criteria with field caption for date field 4) Increase Default Line WidthStroke for drawing Line chart from 1 to 2.
RE #3827	iSupport#1496: Dropping a cached Report Object There should be an option to read procedure signatures dynamically without restarting the report server.
RE #3826	Support IRL caching while running the reports
RE #3825	In XLS, Dates are added as text rather than Date.
RE #3824	Report Execution fails if Pass by value parameter has quotes
RE #3823	Report Server does not execute procedure without meta data caching
RE #3822	Support for Zipped Output
RE #3821	Support summary over summary in crosstab.
RE #3820	Add support for entity level properties Certain configuration properties like Audit log, database connection timeout etc should be associated with entities like Report, QO and Category
RE #3815	Intellicus 3.5.8.2b Linux Upgrade/Text wrapping is not happening.
RE #3813	Provide the Point Labels and Y-Axis Formatting for Adhoc Charts
RE #3808	Report Server will check whether a report with same parameter values is already running in this user session
RE #3807	Report Server gives Exception when Schema Name is null
RE #3806	Report Server gives Exception on Client Side Sorting & data masking
RE #3805	Report Server gives classCastException when sorting and grouping is applied on the same field
RE #3804	Support for comments in Report output for print, export and email
RE #3786	ODBC MYSQL connections are not getting refreshed on restarting the database.
RE #3785	Implement filtering for schedule history list
RE #3783	Driver Type Tag is not being send on creating MSSQL connection
RE #3781	Emailing as attachment in DHTML format, multipage report is being generated with refresh icons missing
RE #3780	Null Pointer occurs on publishing report from linked instance of report
RE #3773	Pending Reports not shown to the user having assigned Role.
RE #3771	Design a report which contains more than 3 level row headers and set repeat property of these headers as true. Now run this report and then export to Single sheet XLS. The XLS output is not proper.
RE #3770	Designing of HTML page carrying hyperlink should be done based on the decision that Hyperlink should run through Form Submission or directly URL hitting.
RE #3769	Back Ward compatibility failed when booting RE with old .dat file having MSSQL connections

Resolved Issues

ID	Description
RE #3766	On opening ftp zip file in PPT format ,pop up occurs ,file will be compressed only after closing application on opening ftp report in ppt. Secondly after serving request successfully ,it asks that the zip has been modified do u need it to update it.
RE #3765	On Performing multi-set ftp operation, Permission denied Exception comes
RE #3753	Radar chart give NPE with formula fields.
RE #3748	Deprecate OPFormat Tag from License.
RE #3747	Applying two highlighting on same field with different color with difference conditions does not work. Say highlighting1 = Red on price field and Max function applied on page level and highlighting2= Green on same field on price field and MIN function applied on page level. Result showing in different row for MIN and MAX but both highlighting are red.
RE #3724	Report does not published & mailed for a subscription which met alert condition.
RE #3712	Scheduler tables get locked and hence the Report Server gets locked
RE #3711	Alerts are not visible under the "Notify>View Alerts".
RE #3709	Reports are not listed on Status screen when SCHD_JOB_HISTORY_PURGE_TIME is set to 0.
RE #3704	Property file is being created when caching for Jvista is true Cached files should not get created so file should also not get created.
RE #3703	Error While uploading Archives
RE #3702	While Emailing Report in Rwt format ,the file that comes in cvs.gz zip has .rwt format instead of csv format.hence it cannot be directly opened.
RE #3699	Not able to pass following Table name at Drill Down:BIN\$RRWBziMSEUjgRAAUT2Ftxg== \$0
RE #3698	Cache Files are created again if formats are viewed from viewer and Saved instance list
RE #3697	If DB2 database contains the table with same name but in different schema then on SQL editor and Data Masking Entites column , column name appears twice for both the schemas table .
RE #3696	Null Pointer exception on exporting report with crosstab in xls,gives invalid file format
RE #3695	On Performing two or three times FTP & Publish operation .Report server gets hanged. Get for the Listing/save, no operation can be performed, until we restart the server.
RE #3692	DistCount is not working for date field in summary section of the adhoc matrix.
RE #3689	TREND LINE on Line charts Provide an option to create TREND LINE, When For all consecutive X-axis points, there are no Series Values. Then Option should allow a) to assume null values to 0, b) draw a line directly to next available value (TREND LINE) c) Break the line (Current behaviour)
RE #3686	Server execute query for Searchable parameters with invalid filters.
RE #3685	Null Pointer Exception on performing export operation of saved instance on dashboard

Resolved Issues

ID	Description
RE #3680	Warning "Invalid Fetch Size" comes on start of report Server when repository has ODBC connection (Oracle). Make a oracle connection with ODBC connection. Start the Report Engine. It gives warning "Warning:Could not Fetch the Metadata by OracleDataProvider.Fetching MetaData using default implementationjava.sql.SQLException: Invalid Fetch Size".
RE #3677	The number of procedures is same but the order in which they appear in the list is different. The schema name is returned in different case. It was because we were doing case sensitive comparison of the schema. IF we perform the case insensitive comparison of the schema then no extra procedures appear in the list.
RE #3676	Tables,Synonyms,Views does not come while connection is ODBC.
RE #3665	Add support for linked parameters
RE #3658	Helper Exec cannot be modified to zero from Portal
RE #3656	Changes in Matrix Layout for Power Viewer
RE #3653	To Print Collaboration and/or Approval Comments with report
RE #3651	On Running Report in xls format through run ,Report Footer Labels do not come
RE #3645	Engine releases all the connection from the pool
RE #3644	Support for asynchronous execution of requests
RE #3639	'Day' level grouping should use output format set for that field in QO in Adhoc Report
RE #3638	On Cluster, No. of DB connections exceeds the specified no of MAX DB connections set for the main report server.
RE #3635	On running a report, containing a single field control which is on horizontal page boundary, the report server gives error "Failed to generate report:offset out of bounds Runtime Error Error in generating report". It seems that report server gives error while it tries to split this control.
RE #3628	Notification when Execution Request is rejected
RE #3626	Report Server stores ReportFields in memory twice
RE #3625	Error writing report pages chunk to disk ,IOException: write beyond end of stream
RE #3618	Adhoc Report must repeat header values in cells of XL output
RE #3613	Engine Goes out of memory in ftp when OUTPUT BUFFER SIZE is large say 1024 MB
RE #3609	Report Cluster does not pick the Adhoc Template files from report engine
RE #3598	On e-mailing report as Link the Null Pointer exception occurs
RE #3597	On e-mailing Report as Attachment engine is Unable to Create the Report Output file
RE #3595	Unable to run a standard report In HTML format having 7-8 small Images.
RE #3590	Unable to audit log when memory limit exceeded the upper limit.
RE #3589	Put LicenseID in Log
RE #3588	Mails not delivered when memory exceeds set in MEMORY RANGE property for same user in diff org
RE #3586	Powerviewer on Matrix in Adhoc Report

Resolved Issues

ID	Description
RE #3585	Failed to update the specified saved report ,on approve a pending report
RE #3582	Ambiguous XLS output for crosstab report.
RE #3579	Improper XLS output for crosstab report with repeated headers
RE #3576	"Remove blank row" should be by default selected in all Excel export dialogs.
RE #3574	Problem In drill down on 2d Bar or Column charts
RE #3566	In Enterprise License details sending outputformat twice.
RE #3561	Add support for configuration of advanced workflow in Report Server.
RE #3557	Suppress duplicate does not work with MSSQL
RE #3553	Association of jobs on dashboard
RE #3552	Engine should reject the Execution request
RE #3551	Notification should be sent when Memory Usage exceeded the specified limit
RE #3550	Engine should not throw exception in case number connection exceeds
RE #3549	Optimize report pages swapping mechanism
RE #3534	Incorrect message when 3+ jobs are created using Demo-Solo License
RE #3517	Support chunking of HTM report output
RE #3512	Problem in 2d Bar/Column Chart (Bars Overlapping each other)
RE #3471	Provide support to alternate color at Attribute (group) Level in crosstab
RE #3435	Failure to parse the style string having spaces in colors.
RE #2870	Out of memory error occurs on console when we open Archive page.
DS #2649	[4.0]Unable to design a query with parameter on connection other than default
DS #2655	When we set the Query having having escape character, studio crashes.
DS #2664	SubContext list of Context Sensitivity should be opened by right arrow ,not by its own. SubContext list of Context Sensitivity should be opened by right arrow ,not by its own. Also the focus should be then only. While pressing left arrow key in SubContext list,it should hide and focus should be on Main Context list. This should be applicable in Parameter Objects,QOs and JScript function wherever provided.
DS #2672	New Properties to support while importing Crystal report (RPT) To Studio (IRL).
DS #2675	Verify Windows 2003 Server Compliance for Studio
DS #2681	Provide the Data Formatting for Point Labels in Charts.
DS #2696	[4.0] Separate Conversion History window should open for different reports imported in Studio.
DS #2703	MacAddress and IP address parameter format is not supported in the Format option in the Parameter Detail form. Refer to BTS# 386 in Intellica Viewer (CVista)
DS #2714	Support for AlternateColorLevel property in CrossTab. AlternateColorLevel property should be supported by CrossTab control in order to specify the row level to which alternate color should be applied.

Resolved Issues

ID	Description
DS #2715	Support for SummaryLevel property in CrossTab. User should have option to specify the level of summary for summary total cells. Presently summary level is data record for summary total cells.
DS #2716	Studio crashes when Data Execution Prevention is enabled. Studio crashes when Data Execution Prevention is enabled for the system.
DS #2747	Search option does not appear on IPF for old version IRLs (before 3.5.1). When we open an IRL created in studio ver. 3.5.1 in studio ver. 3.5.4, search option does not appear.
DS #2752	Parameter detail->SQL having joins with two tables, tablename.col name do not appear in Filter Cols.
DS #2756	Same-2756[4.0.A3]User is forced to save the rpt even when there is no change in it while uploading. Even if there is no change in the Report and i am uploading the report a user is forced to save it. IF the user selects "NO" in the save report dialog then nothing happens.
DS #2760	(Same 1956)Needs Support of Euro Currency Symbol in the formats. Note: User will need to key in the Euro symbol in the format string.
DS #2763	IRL designed with valid conn. having SQL type of param, Crashes when we set invalid conn. in irl.
DS #2765	If "Set for all sub-report" option is checked at parent report connection, then it should be inherit to all sub-reports in which no explicit connection is set.
DS #2767	(Same 2495)[4.0.A4]/[4.0.5]Remove "Keep together" property from UI of Studio.
DS #2781	[COM][4.0.5]Method ~ of object ~ failed error occurs on opening chart property page.
DS #2784	On creating a Search PO, on Saving it, and then modifying it and unchecking the check box for search and saving it. Search Check box always comes checked.
DS #2786	[4.0.A4] In Parameter Detail while entering Description keying in Enter, calls OK of the form.
DS #2787	[4.0.A4]Default value combo for date field gets disabled on changing any other type PO to date.
CV # 424	Error on previewing a report with summary Function for any Field in Page Footer section of the Report.
CV # 390	Cvista.ocx registry fails, files mfc80,mfcu80 & Microsoft.VC80.MFC.manifest missing from lib Through studio we are not able to create report as Cvista.ocx registry fails as 3 files mfc80, mfcu80 and Microsoft.VC80.MFC.manifest are missing from lib which we have to manually place from system32. after that the registry is successful
CV # 413	In Description window the whole description is not proper When description given is long, say extending to few lines, then its not visible as it is
CV # 412	The Root Cause of Error is not shown to user. Error Description should be appended by Root Cause sent by engine. CDBMgmt::ExecuteCmd
CV # 411	Input Parameter having Mandatory Searchable parameter hangs while executing.

Resolved Issues

ID	Description
CV # 408	[4.0.A4-patch 4.0.7]/[Studio 4.0.5]CRITICAL- Studio Crashes for searchable parameter.
CV # 407	[4.0.A3]Description Button support for Linked Parameters.
CV # 406	[4.0.A3]ToolTip support for the Linked Parameter Push and Refresh button.
CV # 401	Studio Errors on Clicking any Multiselect Values when AutoRefresh is clicked On Creating a report with three level of Hierarchical of Linked Parameter, and checking any value of source parameter and studio errors.
CV # 394	Studio errors while navigating through report pages.
CV # 388	The TreeView control was not being created in the IPF if the DataType is number
CV # 386	Support for IP Address Control and MAC Address Control in CVista param
JV # 337	[4.0] Exception when trying to email report from Jvista in en_AU locale
JV # 335	[4.0.A4]"Print at Sever" does not obey given "Page Range". "Print at Sever" does not obey given "Page Range". If we specify any page range say, print 10 pages out of total report output. then prints are coming for all the pages of report output.
JV # 327	Max Rows filter is not working on Search Parameter form.
JV # 326	Mandatory value is not selected and no field/criteria listed for search parameter. Run a report with character type search parameter, default value is not selected in the list. Click on search icon. Click Field drop-down and criteria drop-down. There is no field and criteria.
JV # 322	Published report output shows only 10 pages when viewed in JVista. Publish a report of more than 10 pages. View the published output in JVista. Only 10 pages are shown.
JV # 321	Only 10 pages are saved on saving a report from JVista. Run a report having more than 10 pages (I took file of 13 pages) in JVista. Click save icon on toolbar and save the report in ird format. Click open icon to open the recently saved ird file in jvista. Only 10 pages of the report are displayed.
JV # 318	Excel export is always in single sheet. Run a multipage report in JVista. Export it in Excel selecting Multisheet option. Open the exported file. It is singlesheet
JV # 317	Improper UI while emailing a report run in JVista. Run an adhoc report in JVista. Click Email button. On email dialogue box, click email now button without giving any email address click OK on alert/error message. The text boxes for To, CC, BCC, Subject etc become very small in size.
JV # 316	[4.0.3]Print At Server gets disabled after Print Direct. Run a standard report in JVista. Click Print Direct. After completion, Click Print At Server. System does nothing and icon seems to get disabled.. Again click on Print > click cancel on print dialogue box > click Print At Server.
JV # 314	support for comments in printing For print request from web client, the comments pages should be included in report output, if the system parameter SYS_INCLUDE_COMMENTS= true is send
JV # 311	JVISTA - Support for JRE plugin version 1.5 onwards.

Resolved Issues

ID	Description
	Subject to known issues in printing high volume data in 1.5. Support for JRE 1.6 and 17 plugins.
IS# 172	"File overwrite" prompting screen added.
IS# 169	Web apps Work folder deletion function added.
IS# 167	Excel Bundler files shipped By default, Excel bundler files should be shipped along with Setup file instead of text files. In previous releases, text files were shipped with setup.
IS# 165	Setup to fetch previously saved values for whether top run in UTF-8 mode. When a user re-install setup in the same location, the system should fetches UTF-8 properties from the location itself
IS# 161	When upgrading from 3.5.0, setup to remember previously configured engine IP address and port number
IS# 160	Setup background, Studio splash and Studio Start menu icons changed.
IS# 158	Normal User in Demo Setup should have Run Access on Demo Category
IS #154	Setup to keep all configuration files in write mode.
IS #153	Fail to register ocx files On installing Intellicus 4.0 alpha2 system displayed following errors: - Fail to register cvistaparam.ocx - Fail to register cvista.ocx This particular behavior of setup was identified in 3 of our machines
IS #152	[4.0]New setup replaces old bundled files Intellicus 4.0 alpha 2 setup, replaces old bundled language files. Ideally, old files which have been modified by the user should be maintained.

Known Issues

ID	Description
RE #4084	If you run an ad hoc report of 250 columns or more using the New Template "WideReport" in HTML and then tries to export it into Excel then Engine gives an error and operation fails.
RE #4083	Run a report in htm. Click Export in excel icon. Again try to Export in excel before the previous request is served completely. System shows error that repeat request is denied but cancels the previous request also. Repeat Report Exec Request is set to Deny New.
RE #4080	When we run adhoc report in background, then on viewing that report controls are getting expanded or break for next pages.
RE #4079	NT Authentication is not supported for MSSQL connection as repository.
RE #4078	Report gets published twice and request, on console, for notification also appears twice.
RE #4075	Unable to delete report output: Can't delete row. deadlock detected. Rarely, Oracle as repository database gives "deadlock detected while waiting for resource" error.
RE #4072	"Deliver Zipped" having default value for saved task. 1)Go to Schedule > Tasks. 2)Click on Add button. 3)Make task having "Deliver Zipped" is unselected and report format can be csv/word/excel/xml/dhtml/text. 4)Reopen the task. 5) "Deliver Zipped" comes selected
RE #4071	Message is not proper on emailing report as link from job. 1) Make a Task having email as delivery operation and select link for "Send Report As". 2) Make a job through that task. 3) Check email message
RE #4070	Incorrect notification when engine starts on expiry date SuperAdmin is receiving notification mail "The license of the reporting system will expire in -1 days", when report engine starts on license expiry date. Ideally, this message should be change to "The license of the reporting system has been expired."
RE #4069	SuperAdmin not receiving any notification after license expiry date SuperAdmin is not receiving any notification mail after expiry of license. Ideally, SuperAdmin should inform about license expiry even after 'Expiry Date'. At present, SuperAdmin informs only till expiry date.
RE #4067	On retrieving an archived report and exporting in CSV does not return data.
RE #4065	Small boxes appear when Euro Currency set as Output Format for Parameter.
RE #4062	Error in sending mail to all the valid addresses if one address is

ID	Description
	invalid. On emailing a report with an address where no domain is specified in address, the mail is also not sent to other addresses in the list.
RE #4060	NullPointerException comes on viewing emailed report from ARD. 1)Go to Adhoc report wizard. 2)Select a QO and Click on Run button. 3)Email report from html toolbar as link. 4)Open report from link in email.
RE #4058	NullPointerException occurs when Summary condition is applied on the field and the condition is deleted.
RE #4057	Comments are not present on emailing the report in csv format by quick schedule. 1)Quick schedule(Email) a report having workflow in csv format with include comments. 2)approve with some comments it from saved report list. 3)Open from mail.
RE #4056	On mailing report in singlepage pdf with comments then comments comes on second page. 1)Quick schedule(Email as link) a report having workflow in singlepage PDF. 2)Approve the report from saved report list. 3)Open report from mail.
RE #4055	"Report Comments" header is not present for excel single sheet mail. 1)Quick schedule(Email as link) a report having workflow in singlesheet excel format. 2)Approve that report from saved report list. 3)Open from the mail.
RE #4054	Headers do not appear on viewing published (in csv/singlesheet xl) report in html. 1)Email/QuickSchedule a report(workflow) in csv/excel singlesheet format. 2)Go to saved report list. 3)View that published report in html format.
RE #4053	When Database Connection goes stale, on refreshing callback code takes 2-3 minutes to get refreshed. When database connection goes stale,and the callback code itself has query execution in the code through that connection, then on refreshing the report, it takes 2-3 min.s to get refreshed. (Tested with Oracle Connection)
RE #4052	Link to an unpublished report is sent in success mail when delivery is skipped. When we select skip delivery on no data and run a report with no data then neither the report is published nor it is emailed, but if we select a success notification message then in that email we get a link to that un-published report. So when we try to view that report from that link then it gives an error that no saved report instance is present.
RE #4047	Message prompt for Repeat Request when report runs second time though first run completes.
RE #4046	Adhoc Report XML output always contains field in CDATA. Should be configurable When we design any adhoc report and see its output in XML format. All data values are displayed in CDATA. This option should be configurable to decide whether to show it in CDATA or not.
RE #4045	Displaying error message when Scheduler is disabled When Scheduler is disabled, the system displayed "Failed to get execution status of requests" on 'My Reports' tab.
4040	History Detail is not coming for notification schedule.

ID	Description
	1) Make a Notification and subscribe it. 2) After execution of alert go to Schedule > History. 3) Select Notification schedule name for Job name. 4) Click on "Refresh button.
RE #4028	HM chart should have fixed scale governed through no. of threads in license Currently Scale for HM charts varies based on no. of request served, due to which user cannot map particular value of chart from its position
RE #4027	Error comes on adding comments on viewing the report from search window. 1)Go to Reports > Search. 2)Click on the search button. 3)Run a report having work flow. 4)Click on Add Comments icon from html toolbar. 5)Click on "Set Approval Status" button. 6)Add some comments and click on any button.
RE #4024	Even if report is not having Editable parameters, refresh icon appearing
RE #4023	Published report shows wrong expiry time While publishing report mentioning expiry date but not mentioning the expiry time than it is taking time as Expiry date and time as "04/12/2008;24:00:00"
RE #4020	Data type is not retained in XLS output for split controls. For all those controls which are at page border (splitting horizontally or vertically) data type is not retained in XLS output. These are NUMBER type of data but added as text in the generated single sheet XLS output.
RE #4018	User does not receive mail in rawtext format for report having workflow.
RE #4016	In XLS output for DATE type formula field data gets corrupted. When a report contains a formula field of DATE type, on viewing the XLS output of this report it does not show the value for this formula field. On clicking on the cell it shows "Negative date or times are displayed as #####".
RE #4015	Failed to Upload Report in a category if the report with same name already exists. Failed to Upload new report layout on uploading a standard Report in category if the Adhoc Report with the same name already exists in that category. In log it is giving 'Unable to upload report layout.: Duplicate Report Name. A Report with same name exists in this category. Provide a different report name to continue.
RE #4014	Fatal Error on console when currency format applied on the control with UTF-8 setting off.
RE #4012	Comments not get deleted on deleting the saved output.
RE #4011	Quick schedule report status is always shown as "Running - Fetching Report File", during its run.
RE #4008	Column name comes in place of value for QO (made by procedure) on MSSQL. 1)Make a QO by the procedure. 2)run the QO from adhoc wizard.
RE #4006	Wrong values listed on applying Keyfield. Create a QO > Apply Look up value on a char type field > Select another field in Keyfield drp-down > Save the QO. The values in Values List box should come from the field specified as Keyfield but

ID	Description
	the values displayed are from the field on which Keyfield is applied
RE #4001	On modifying a job, job with the same name is allowed to be modified. When modifying a job and changing the job name, Engine allows the job to be modified even if a job with the same name already exists. However when adding a job with a name that already exists, Engine does not allow the job to be added.
RE #4000	XLS output for crosstab is improper. XLS output of the attached crosstab report is not coming proper. Design a crosstab with Two Row Headers and Two column Headers. Export it in Excel single sheet, output is not proper. After the last column, there is one extra column is seen and Row no 49 is Blank where the crosstab is split.
RE #3985	Error logs on starting engine for MSSQL blank repository for updation. Make a blank mssql repository connection and start the report engine. Error comes in log " java.sql.SQLException: Column names in each table must be unique. Column name 'CATEGORYID' in table 'INTERA_SCHD_BATCH' is specified more than once."
RE #3977	Name should be given to implicit published report through mail. When we mail a report having workflow then a report publish in respect to mail, and when we approve it then it goes to the recipients.
RE #3975	XLS output is not proper for crosstab Report. XLS output is distorted on Exporting a crosstab in singlesheet or multisheet designed with 2 RowHeaders and 2 ColumnHeaders.
RE #3968	OOM Error on the engine consol while booting the report engine with 1000 connections. Refer to Performance bench marks and capacity limits documents for details.
RE #3967	History of recreated job (same name) is not displayed when searching with job name Create a Schedule Job as Now (with name sch_job) and save it , after completion Delete the job. Again create a Job with the same name (sch_job) run as Now and save it .Now go to History list select the Job Name in the filter and click on refresh .Error: - It does not shows the history of the deleted job.
RE #3966	HTTP-API: Report run in excel has multi sheets when nothing is passed in request for SYS_Multipage.
RE #3955	Adhoc Report output having Filter using Parameters is showing Field name instead of Caption Design any Adhoc Report, Apply filter using Use Parameters option, Report output showing filter details using Name of field instead of Field's caption.
RE #3954	RAWTEXT output of a report may contain date field in a fixed format as formats are not applied in RAWTEXT reports.
RE #3950	Adhoc Report doesn't get listed in recent report list when run through run option. 1)Go to Reports > Category > Adhoc Report. 2)Click on "Run" icon. 3)Go to Reports > My Reports > Recent Reports.
RE #3936	Description Text not displayed for Restricted delivery of Print operation. Perform Print operation from the Run Time system Parameter Page for a Report in pending state. Expected behavior: Report should not Print and A message should

ID	Description
	display indicating the Description text – "The delivery operation requested by you will be kept pending and performed when the report output is approved by concerned authority." Actual: Pages are not printed but No message is displayed in case of Print operation .Instead it shows Printing is in progress.
RE #3932	Comments of deleted output are shown for new run output when report is cached.
RE #3926	Running Report with PO having Unicode character with UTF-8 disabled On Running Report with PO having Unicode character with UTF- 8 disabled , Fatal Error Comes on Engine console.
RE #3919	Report gets published on emailing the saved report Go to saved report list. 2) View a published report. 3) Email the report as link.
RE #3917	Error parsing SQL query on creating Tree view Hierarchical Parameter when position/sequence of "Connect By "clause and "Start with " clause are interchanged.
RE #3912	Null Pointer Exception on printing a Chart report in Background.
RE #3904	Comments are not visible on HTML format when report is published in CSV,text format 1)Publish a report having workflow in csv/text/word/xml/interactive. 2)View the published report in html format. 3)Approve the report with comment. 4)Again view same report in html format.
RE #3876	Query is being Verified If the field is used in comparision with PO which doesn't exists SQL query is being verified by engine when we execute a query like select * from emp where ename in (< % prm_ename %>),though prm_ename such parameter does not exist. This happens when a char field is being used in where clause.
RE #3875	Flash Pie charts are not Proper. Flash in case of pie chart not working properly. On clicking one pie section both the section are coming out.
RE #3870	HorizontalBreaks Pagination for excel doesn't work when Email from HTML toolbar. 1)Run a report. 2)Click on Email icon from HTML toolbar. 3)Select Excel as output format, and select attcahment radio button. 4)Select Horizontal Breaks pagination, give mail id and subject, Click on Email Now button. 5)Open attachment from mail.
RE #3863	Single page pdf output contains only blank page for large reports.
RE #3855	Horizontal Breaks does not work when we export report. 1)Run a report. 2)Click on export icon for export in excel format. 3)Select "Horizontal Breaks" pagination. 4)Click on "Generate" button.
RE #3851	Dynamically added database objects are not visible in Intellicus database metadata cache. When any database object is added after the engine startup, the object is not visible on sql editor and other places [Enhancement]
RE #3816	There is no provision for AND and OR operators in ADHOC filters [Enhancement]

ID	Description
RE #3812, 3811, 3803	Various database operation errors when running as repository MySql with ODBC connection.
RE #3799	Wrong message for expired license The system displaying "Report Server is too busy or it is down. Retry this action later. If this error persist contact administrator or vendor support." message when a report is run using expired license.
RE #3791	Filters are applied even if we do not give the criteria. 1)Open Adhoc Wizard. 2)Select QO, Select fields. 3)Now in filter section select field, and set blank for the criteria and give some value in text box.
RE #3789	Fire Fox: Right Aligned Number slightly disappears in table lines for Adhoc Report tabular output.
RE #3784	MSSQL connection status being shown as valid even though no database is specified
RE #3774	Flash charts: legends doesn't appear properly .
RE #3752	In Matrix on applying count or Dist count shows count in decimal
RE #3750	Radar chart are not having Title of X-axis Radar chart are not having Title of X-axis. similar chart when plotted for Bar chart or any other chart having title of X-axis
3749	Chart on Report 'Bottom' showing blank page also shrink the chart. Chart on Report 'Bottom' showing blank page at the end of the report also shrink the chart. Chart is placed where data end for the report.
3746	Highlighting having issue with Min and Max function on IP address Field Highlighting is not happening on Numeric field having IP Address as Input Format and Output Format. When Max Highlighting function(say red) is applied on the page level for Ip address field and Criteria is 'Above' and value is '0.0.0.0' than highlighting doesnot apply on the page level.
RE #3708	"Once" option for "Include In CSV" does not work for crosstab. Make a standard report having crosstab. Set "Include In CSV" as "Once", then run the report export it into csv. It should show crosstab once in the report, but it shows crosstab multiple in the report.
RE #3683	"Error parsing SQL query" comes when field contain '(apostrophy) Go to the Design > Adhoc Report Wizard. 2) Select QO having fetch data and field value also contain '(apostrophy).
RE #3654	Support for ODBC database connections - Certification pending.
RE #3641	Charts - Convert Values to its Percentage of Total values This happens in Pie Chart be default. This requirement is desired in Bar, Line, Column etc, other charts. One tag - Convert to Percentage seems enough from design side (Series level?) When this is implemented, the scale shall automatically be within the range 0- 100 Negative values shall be a concern. [Enhancement]
RE #3640	Chart, Crosstab - Grouping of small values into Others When there are too many distinct values, designer should be able to set a cut-off percentage, (or number) values below which will group up into Others. This Others can be labelled by designer. [Enhancement]
RE #3621	CanGrow and CanShrink property cuts the text data when wordwrap is false.

ID	Description
RE #3620	Drill Down report Open Only into HTML format. while making a query object and selecting any Report as for hyperlink and Set the System Parameters --Report format,and its value as SYS_REPORT_FORMAT.After Opening and running this query object with interactive or jvista format and clicking on hyperlink field the drill down report not open with parent report format it open with HTML format.
RE #3619	Error Occur while Opening Drill Down report in PDF format. While Opening the drill down report in PDF format. It gives a Popup Error message regarding report path.
RE #3594	Backcolor do not applies correctly in htm format when bgcolor is set through script.
RE #3570	PPT output doesn't support template. There should be provision for placing a default PPT template which all PPT exports use. There should be option to place more templates and allow user to select while exporting [Enhancement]
RE #3522	Restricting Admin and Data Admin to selective categories Considering SAAS requirement, we need a role that End User companies may need. These roles should be able to see and manage data and users of a particular ORG and Selective categories. [Enhancement]
WC # 4030	In Batch scheduler task, Multi Set type of tasks, Linked parameter functionality is not available.
WC # 4028	When QO has more than 200 fields, Ad hoc wizard takes 5 to 10 seconds to move a single field from selected fields to available list in case user wants to unselect some fields.
WC # 4017	User is able to save PVG group for Tree View Hierarchical type parameter, but cannot use them in parameter form
WC # 3996	[4.0A6]"HTTP Status 404-/intellicus/core/" comes on canceling request, report run from mail. 1)Email a report in csv/txt/excel/word format as link. 2)open the report from mail. 3)Cancel the request. 4)A pop is opened for asking "Do you want to close this window". Click on "No" button.
WC # 3988	If the Report contains any Hidden Optional parameter or Mandatory parameter then also optional or mandatory parameter header is appearing. They should not appear, if there is not any optional or mandatory parameter given by user or all the Optional or mandatory parameters specified are hidden.
WC # 3987	List of published report gets disappear on deleting any published report in Search->Allpublished.
WC # 3986	For Business Parameter mapping with UserInfo Parameter,mapping entry must end with semicolon(;)
WC # 3984	While publishing a report, user opens the Add Comment dialog and directly publishes a report without adding comment to it, the Add Comment dialog remains opened. Its behaviour should be same as close button on publish dialog.

ID	Description
WC # 3982	There is no provision for Unlinking a linked report.
WC # 3979	Js error while clicking on advanced button in empty category.
WC # 3977	Health monitor Chart not displayed in embedded calling of health monitor.
WC # 3975	[4A6]Dependant Parameters doesn't populate if values selected from source contains blank values
WC # 3974	[4.0A6]Add,Show,Refresh comments icons should not be present on running the report.
WC # 3973	[4.0.Alpha6]Two databases get set as default and repository at same time after deploying cab Create a cab file having database connections by pointing to Report Engine 1, Now deploy the cab file on some another Report Server 2 , the report server 2 should have different Repository and Default connections. After deploying the cab file click on Administration > Configure > Databases Error :- 2 Default and 2 Repository connections get set
WC # 3971	1)Email a report having workflow as link in csv/txt/word format with comments from report delivery option page. 2)Approve the report. It creates a new published report and delete old one, But new published report is not having old properties for include comments.
WC # 3958	First Category name is displayed on UI on accessing the ReportListForCtaegory using http-API
WC # 3950	Max rows filter is not present in Search parameter screen to limit the search result.
WC # 3934	[4.0A6]Page size is different on viewing the report from Background execution status screen / Pending report list.
WC # 3931	Report Exec is cancelled, if user navigates to next page before first page is loaded completely. If user clicks on navigate button on HTM toolbar before the first page is completely loaded, client sends cancel request for the report. In this case only first page is loaded on viewer.
WC # 3925	[4.0.A6] on cancelling report opening at Dashboard gives HTTP-404 error when opening any report in dashboard with output format as PDF than a pops up comes to save or open PDF file at that time press cancel and again press cancel request link (blue link) than HTTP -404 error comes up. Please refer the screen shot for details
WC # 3924	Design one report in studio which have "shape" set the back color of it as "red" and "line Style=0-Transparent",but keep the line color as "black", now preview the report in studio it works fine with no line color of shape, but while uploading same report on portal you can see the line of shape is of Black color (although line Style=0-Transparent is set). color (although line Style=0-Transparent is set)
WC # 3921	Value column being Displayed on Report Parameters in case of tree view Parameter On Creating a tree view parameter report with Value and

ID	Description
	Display column different then on keeping the display coloumn as node of the tree ,on selecting values and running the report ,instead of display values the display values are being shown on report parameters
WC # 3915	On viewing a published report from saved report listing screen, warning message "WARNING: Parameters: Invalid chunk ignored." appears on tomcat console.
WC # 3911	IPF: Value groups not supported for tree view type parameter.
WC # 3904	Back button not available on error page
WC # 3899	In quick schedule there is no check saved report valid up to date should be greater then schedule end date
WC # 3894	[4.0A5]Warning on client console when portal opened and login made for first time after booting up.
WC # 3893	Run a report having editable parameters, the back button is present in toolbar, Now from refresh button present inside report viewer, refresh the report. The toolbar back button disappears.
WC # 3892	1)Go to Reports > Search > All Published Reports. JS Error comes (Screen shot is attached)
WC # 3882	Backward compatibility in Report Listing is not supported we have listed standard and Adhoc report type in one list but there is no settings by that user can show standard and adhoc reports in different tab
WC # 3881	Sorting on list tables is not working where values contain "/" character.
WC # 3878	Back button is not available while viewing a report from pending report list that takes a user to pending report list directly after viewing a report.
WC # 3853	HTTP API doesn't show reports when REPORT_TYPE parameter is set as blank
WC # 3780	JS Error occurs on IPF if using some special characters in the Prompt text
WC # 3661	CVista and JVista doesn't restrict showing export icons based on license limitation
WC # 3629	An invalid connection, when later becomes valid cannot be used in setting in the session or designing actions.
WC # 3613	On report output, there should no option to change the properties of published output – expiry time.
WC # 3566	The 'Comments' column (under Report > Search) needs to be removed, when Collaboration tag in the license file is set as NO.
WC # 3563	Connection screen doesn't provide options for paging and sorting for managing hundreds of connections.
WC # 3534	Incorrect message when more scheduled jobs are created using Demo/developer License
WC # 3501	No Back Button is present on Run,Ad Hoc new Report and Ad

ID	Description
	Hoc Edit Report.It is present only with Quick Run option.Acc. to the FDD,Back Button should be present on the following options: 1.Quick Run,2.Run,3.Ad Hoc new Report 4.Ad Hoc Edit Report
DS # 2802	[4.0 A6]Automation Error on importing parameters in Studio. For long running server activities studio may throw Automation error, cannot switch error.
DS # 2819	Cannot reset Outputformat property to blank if set once.
DS # 2806	Studio errors when property pane is sorted by category for Line control
DS # 2805	Studio errors in opening IRL when Euro currency format is set in chart, cross tab or parameter output formats. "This task cannot be performed" error occurs many a times and IRL fails to open in Studio.
DS # 2740	(Viewer-400)[4.1]New Options to Export the report in XLS File are not visible in Studio.
DS # 2666	[4.0.1] Totals selected in XML Report Wizard tab do not persist.
DS # 2654	Format Painter does not copy XLS and XML properties.
DS # 2650	[4.0] XML report fields list is not populated in the context sensitive list.
DS # 2647	Compile button remains disabled in Script Editor for XML reports.
DS # 2646	Formula field created in XML report is not listed in the Field list.
DSV#421	[4.0.8]Any Date format set for the Date parameter is not displayed in the Studio IPF.
DSV#385	[4.0] Format Border applied on the field does not work correctly.
DSV#384	[4.0.1]Line Style not applied for Shape control when Line Width is more than 1.
DSV#420	[4.0 A5]Implementation of Boolean Parameter as Linked Parameter pending
DSV#415	[4.0]CVista toolbar icons should occur as per license.
DSV#404	[4.0.A3]Parameter List box should be empty on selecting source PO value when autorefresh=true All Dependant parameter list box should become empty when source value is selected
DSV#400	New Options to Export the report in XLS File are pending.
DSV#396	Parameter Select Count is not being Updated in Linked Parameter
DSV#392	Width of frmCVista form should be large enough to incorporate sort tab also. -
DSV#383	CVistaParam errors when for Search Parameter used.
JV # 358	[4.0A7]Error occurs on viewing published report through quickschedule in csv,excel,text. 1)Quich schedule a report in csv/text/excel report format. 2)After excecution of schedule go to saved report list. 3)View published report in jvista format.
JV # 357	[4.0.A6]In Jvista format on clicking window close button gives error message

ID	Description
	When opening any report in Jvista format having parameter, if we close the window by window close button it gives an error.
JV # 356	[4.0.A6]In Jvista format Searchable parameter Result tab not showing data Searchable parameter having lots of data(showing in HTML) but on Running in Jvista format clicking result tab of searchable parameter it is not showing any data due to layout issue. Please refer the screen shot for details
JV # 355	Searchable parameter not working in Jvista report format When running any report having searchable parameter in Jvista report format and on clicking result tab it is not opening and giving error in sun console.
JV # 354	In JVista viewer in case of multiple report tabs Close Others menu item is always disabled. Open multiple reports in JVista.Right click on any report tab.In popup menu Close Others menu item is always disabled.
JV # 351	Parameter size validation is not applied. Design a report having parameter input type combo. Give the size for the parameter.Now run the report in JVista. In IPF there is no validation applied on the parameter size.Expected BehaviourThere should be validation on the parameter size if parameter size is greater than the given size.
JV # 350	Email operational properties not sent.
JV # 349	[4.0.A5]All printer list not populated for "print at server". All printer list(which is installed on m/c) not populated for "print at server" on dialob box. please refer screen shot for detail.
JV # 348	In IPF For Tree View parameter nodes are not added correctly. Design a report having multiselect tree view parameter.View the report in JVista.In parameter form select root node in source tree.click on add node button. For root node selection only half of the nodes get added. Expected Behaviour All the nodes of tree should get added.
JV # 347	Resize button of JVista toolbar doesn't gets enabled. Run any report in JVista, click on rezise button in toolbar,If the browser window has more space available for applet loading then on clicking on resize button the jvista applet should increase size to accomodate the space available.
JV # 345	Forward Referencing 'calculating' message is truncated. Run a long report in JVista. Observe the forward referencing image on the bottom-right corner of the report. Image says 'lculating' instead of 'calculating'. Screenshot attached.
JV # 344	Jvista toolbar buttons do not get disabled on closing report tab. Open a report in JVista, Perform any operation from toolbar like print at server, Export in word etc. Now close the report tab. All the toolbar buttons except open should be enabled, But the actual behavior is that, those toolbar buttons that are clicked once, remains enabled all others including open becomes disabled.
JV # 341	Report with hidden parameter fails to run from Studio preview using JVista.
JV # 340	Chart drill down is not supported
JV # 333	[4.0.A4]Data missing in Jvista Printouts. On taking "direct print" of a report, data missing is observed in printouts.

ID	Description
	JRE 1.4 - Inconsistent Missing Data JRE 1.5 - No missing of Data. Squishing of e and s charecters. JRE 1.7 - No missing of Data. No Squishing of charecters.
JV # 330	Linked Parameters Not implemented in Jvista Linked Parameter need to be implemented in Jvista.
JV # 324	Option type (Radio button) parameter is not supported.
JV # 331	Print Setting option in Print at server dialogue is disabled. Run a report in JVista. Click on Print At Server icon. Click Print Settings arrow to select from the available values. Print Settings arrow is disabled.
JV # 329	Hierarchical TreeView parameters are not supported in JVista.
JV # 319	CSV support for user defined separator pending
IS#166	Setup does not picks up old location path of Intellicus The setup is not picking up the path at which Intellicus was installed earlier (the last setup path). Ideally, the last setup path should be retained by the Intellicus
IS#164	Report Client component configuration settings are not retained when upgrading to 4.0 Alpha 3 from 3.5.0

Minor Release 4.1

Drop Down Portal Menu

From version 4.1, Intellicus provides the option to show the menu items in a drop down format.

This provides easy navigation when the number of items in menu increase. For example, if there are many categories, a drop down menu option improves navigation.

Note : For backward compatability of navigation, the default selected option is "Tabbed".

The configuration is available from the Administration tab on the portal i.e. Administration > Configure > Portal Menu.

The screenshot shows the 'Administration > Configure > Portal Menu' configuration page. The 'Portal Menu' section on the left lists various portal components like Dashboards, Reports, Design, etc. The 'Portal Properties' section on the right contains settings for Help Style, Multi-Select Parameter list size, DB Meta Data list size, Report viewer target, Allow set session level database connection, Allow refresh data, Calendar Style, Email Option, Page Size, Multi-Select Param List All Check, and Menu Style. The 'Menu' section is highlighted with a red circle, showing a dropdown menu with 'Tabbed' selected, and 'Drop Down' and 'Tabbed' as options. The 'Drop Down' option is highlighted in blue.

Data level Security – Enforcing Parameter Value(s)

Earlier, the default parameter values could be set for users. However, the users could still select the other values for the parameter.

Now, it is possible to restrict parameter values for users/roles.

This provides enhanced data level security.

For example, we can set that the value of parameter “Country” will default to “Australia, Belgium” for all users at the time of Parameter definition.

However for a particular user, based on his authority level, we can restrict the value to “Australia” only. This enhances the security for availability of parameter values to users/roles.

Similarly, we can restrict a subset of values for users/roles, as required i.e. values “A,B,C” for user1 and values “D,E,F” for user2 and all values for all other users.

Illustration

Setting parameter values of “Country” to “Australia, Belgium” and setting “Forced” option as checked.

The screenshot shows the 'Parameter Value Groups' configuration window for the 'prmCountry' parameter. The 'Parameters' list on the left includes 'prmCountry', which is selected. The main configuration area shows the following details:

- Name:** prmCountry
- Prompt:** Choose a Country:
- Data Type:** CHAR, **Size:** 4000
- Format:** (empty)
- Default Value:** 'Australia','Belgium'
- Description:** This is mandatory parameter so please select the country name for further proceed.
- Options:** ☒ Mandatory, ☒ Visible, ☒ Restrict to List, ☒ Forced (circled in red).
- Input Type:** ☒ TextBox, ☐ Combo, ☐ Option
- Multi Select:** ☒ Search, ☐ Tree View, ☐ Linked Parameter
- Select list:** ☐ Pass Values Using Tables, ☐ Maximum Selectable Values: 0, ☐ Enclosed By: ' , Separator: ,
- Select Default Values:** ☒ Selected, ☐ All, ☐ None. The 'Selected' list contains 'Australia' and 'Belgium' (circled in red).
- Combo Source:** Values: ☐ Pre Defined, ☒ SQL. The SQL query is: `Select Distinct country from country WHERE FLAG IS NOT NULL ORDER BY country`. The **Display Column** and **Value Column** are both set to 'COUNTRY'. There is a 'Verify SQL' button.

Setting forced parameter values for user “User4” using the “Data Restriction” button

Setting values (to be forced) for “User4”

Thus, while executing a report using this parameter, User4 will only see the forced value i.e. Australia.

Connection order and default connection

Configure the priority order of the Connections

It is now possible to set the priority order of the connections.

It can be specified in the "ProviderInfo.xml" file (under \ReportEngine\Config) and appears as:

```
<CONNECTIONPRIORITY>CALLBACK,          SESSION,          USERPREFERENCE,  
REPORTDEPLOYMENT, NAMEDCONNECTION, DEFAULT</CONNECTIONPRIORITY>
```

The priority is set from Highest to lowest i.e. in the example above CALLBACK has the highest priority and DEFAULT has the lowest priority.

Each of the above mean the following:

CALLBACK	Connection returned when callback authentication is used.
SESSION	Connection set in the session (thru connection settings of portal or thru HTTP API as a request level parameter).
USERPREFERENCE	Connection set thru Preferences screen of portal.
REPORTDEPLOYMENT	Connection set specifically at report level from report deployment screen
NAMEDCONNECTION	Connection set at Query object level or embedded in the standard report itself.
DEFAULT	Connection set at system level (Administration->Configure->Databases)

Non-Default Connection to be used as default connection, if default connection not set

Now, the report server automatically selects the connection of the user, even if that connection is not the default connection. Earlier, it used to give error that the default connection is not valid.

Defining Publishing level

With this version, the publishing level of reports can be set to various levels – Global (for all organizations), Organization (restricted to the Organization of the User executing the report).

This setting needs to be done in ReportEngine.properties file (under \ReportEngine\Config) and it appears as:

```
# Syntax: PUBLISHED_REPORTS_VISIBILITY=[ global / organisation ] (String)  
# Default: global  
PUBLISHED_REPORTS_VISIBILITY=Global
```

Callback Report Event for URL

Intellicus Report server raises various types of events on which custom Java plug-in code can be invoked. Host application can write the custom code to be called by report server for these events.

A new event "BEFORE URL ASSIGN" has been introduced to provides a mechanism of doing some pre-processing on the URL being embedded within the report.

For more details on Callback Report Event, please refer to the IntellicusDevelopersGuide.pdf placed at:
<Install_Path>\ Docs\Manuals\

Single sign on implementation through token passing mechanism

When Intellicus is being accessed from the host application, user authentication should be performed by the host application only.

In the SSO, Host application would pass the User credentials to Intellicus and will get the Token from Intellicus.

Intellicus would identify the user based on the Token passed by host application.

For more details on Single Sign-On, please refer to IntellicusSingleSign-on.pdf placed at: <Install_Path>\ Docs\Manuals\ and Java docs placed at: <Install_Path>\ Docs\SingleSignOn_javadoc


MSSQL Metadata Caching

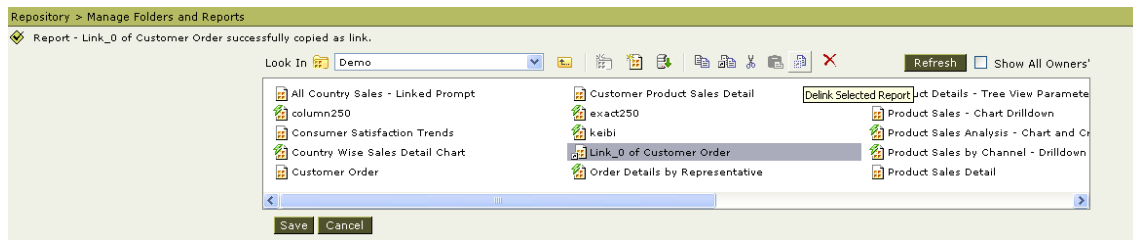
The Report Server now uses MSSQL custom queries to fasten the metadata caching for MSSQL databases.

Sending email using secured SMTP servers

The Report Server now uses the SMTP server user name and password for performing authentication while connecting to the SMTP server.

Delink option for Linked Reports

Now, you have the option to delink a linked report. This can be done by selecting the  icon.



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Resolved Issues (4.1)

Web Client

I track ID	Description
3528	Support for setting Default language at the application level(web server start time) Set Default language is equal to blank and check whether logged in user have some preferences or not, if logged in user has no preferences then it language is intialise with default language, which is menition in ReportClient.properties.
3853	HTTP API doesn't show reports when REPORT_TYPE parameter is set as blank
3878	Back button should be present while viewing a report from Pending Report List
4067	Back button should be implemented from all listing screens
3761	"Select a task" and "Select Schedule" are inconsistent for labels.
3830	ToolTips for "Add" and "Delete" are not present in the Hyperlink options page and for the searchable option of Parameter designer page.
4066	Private and Public Radio buttons should be disabled for Open Report Dialog in Adhoc Report Wizard.
4036	Make list in result window of search parameter wider by default or by property.
3988	Mandatory and Optional Parameter Header is appearing on IPF, if the parameters specified are hidden.

Itrack ID	Description
3704	Remove Print at Server option from tool bar by default.
4011	On clicking date parameter it is overlapping other parameter
3421	CSV screen UI is incorrect on Exporting in CSV Format.
3915	Warning message on Tomcat console on viewing a published report
3875	Include comments chkbox should be checked by default, if report was published with Include Comments.
3965	"Email options" in notify tab,unable to save new values other default
3998	Pagination for excel on Adhoc wizard is not persist for view option.
3966	Description of All Published reports shows incorrect status for reports having blank status.
3983	Status in description of All Published report shown wrong for reports having blank status.
3879	Show Comments Access Rights gets loading page when user closes Add Comment Access Rights dialog.
3868	User having secured rights can view the pending report in all formats.
4027	On clicking modify button of task error comes
3912	Design Dashboard showing java script error
4002	In Schedule >Job the Schedule List become blank after deploying a cab.
3979	Js error while clicking on advanced button in empty category
3887	Behaviour for Quick job page repopulation when a job expires.
3987, 3864	List of published report gets disappear on deleting any published report in Search->Allpublished.
3685, 3686	The Saved Report List cannot be viewed properly at archiving
3857	No help for Access Rights dialog box under QO tab
3917	Dashboard clear button not clearing description section
3873	Approved Saved Report outputs do not appear on dashboard
3895, 3246	Provide a horizontal scroll bar at the bottom of Schedule Job page

Itrack ID	Description
3450	Shuffle Button Not working Properly in Query Object.
3566	[4.0]Comments column needs to be hidden
4034	[Java API] getXML method of Advance Entity properties returns invalid xml.
4020	Invalid PDF file created when exporting in PDF from jvista toolbar.
4068	Post-View options are enabled even if previous request is not completely served.
3935	Client console showing warning "Parameter: invalid chunk ignored"
4076	Java script error when saving private reports
3946	Reset for workflow access rights not working after reopening dialog.
3612	On publishing a report output from HTML Toolbar, user cannot republish it from the same screen
3886	Report execution filter is not resized from pending report list.
3964	Comments are not coming with email background.
3881	Javascript sorting on tables is not working where values contain "/" character.
3639	The report listing and other use cases should not take user credentials in url
3959	Displayed HTTP 500 error message, when a blank use case is attached to a link in Portal Menu
3892	JS error occurs on All published report list page.
3977	Chart not coming under monitor tab in embedded environment.
3948	[4.0A6]Action column blank on RES for adhoc report run in background.
4108	Check box for multiset Date type parameter not appearing on IPF
3991	Format icon of other report changes on selecting the format for another report on saved report list
4022	Publish Window not visible completely if report is executed from Report Exec Status screen
4081	Safari browser related issues.

I track ID	Description
	Note: Please refer attached excel sheet with this BTS for all the Safari browser related issues which are resolved in report client version 3.5.13.1
4081#1	[3.5.10][4.0.4A--safari]--Unable to upload a cab
4081#2	[3.5.10][4.0.4A--Safari]-- Unable to export report in any format from the HTML toolbar
4081#3	[3.5.10][4.0.4A--Safari] In HTML toolbar Page navigation is not working
4081#4	[3.5.10--safari] Browse button are not working in Adhoc Style Configuration tab
4081#5	[3.5.10--safari]Level and Funtion dropdowns are disabled
4081#6	[3.5.10--safari]--Unable to open a Query Object
4048	The scripting added in report header, footer of adhoc template does not come in report
3990	Searchable parameter showing special characters in search value screen.
3729	While Creating PO, Search Option should get disabled while creating a tree view type PO.
3684	Details of invisible parameter on IPF shown in source page.
4111	"Deliver Zipped" having default value for saved task.
4112	ReportOid comes in message on exporting/Emailing from HTM Toolbar after vieing from alert listing
4116	No tabs are available on changing Security mode to Disable.
3896	"New Dashboard" links not functioning, when run under Integrated environment, Mozilla Firefox2.0
4093	User cannot publish in blank format from Quick Job and Task screen
4099	Comments not displayed for reports having output in single page.
3992	If manual refresh is ON, when user select any value of linked parameter then its dependent parameter's refresh button doesn't enabled if it is already disabled.
3965	"Email options" in notify tab,unable to save new values other default
3842	Unable to select the report while creating or modifying a task, once the preview is done.

I track ID	Description
3939	[4.0A6]CRITICAL: SYS_INCLUDE_COMMENTS tag does not pass on refreshing report.
3902	Reportlist should be fetched after selecting the category.
3770	Sorting image should be consistent on all the screens.
4143	Back button is not coming when run any report from pending report list.
4160	Support for & in Email fields
4179	Selected Job filter should come as selected on history list page
4092	Re-Run tab on the Report listing functionality is not working
4181	Provide Encoding mechanism to prevent scripting or html level coding in any Report server Property screen.
4178	Scroll bars are not available to scroll the page on IPF in new window.
4051	In QO if columns >200, IE crashes.
4199	[4.1.A4]Scroll bar does not display properly and hides last line of report o/p.
4202	Emailing error from report server not shown on UI

Report Engine

I track ID	Description
4084	java.lang.ArrayIndexOutOfBoundsException error while exporting 250 column report in excel.
4066/4057	Comments do not come in csv format. Comments are not present on emailing the report in csv format by quick schedule.
4105	Exporting Single page report output into CSV does not exports report header.
4098	Multiset SQL type parameter in task not working in Saved File Name.
2645	Gauge charts overlap when two series taken in the chart.
4095	While upgradating to 4.0 from 3.5.x, default value of 'Repeat Report Exec Request' is showing as 'Allow ALL'. Incorrect default value was being set for this property, when the property is not present in report engine properties file.
4110	Approved Saved Report outputs do not appear on dashboard.

Itrack ID	Description
4087	Report Id comes in message on emailing/exporting report from View Alert.
2356	Chart Axis color is not shown for the column chart and curve area chart.
4090	Horizontal Grid is not continuous.
4099	Normal user unable to view private report
4111	On approving a report, status of the report is shown as under process on report execution status screen.
4060	NullPointerException comes on viewing emailed report from Adhoc Report Designer.
4080	Controls break and expand to the page for Adhoc Run in background run. When executing a report through scheduler or in background, adhoc specific operations like setting the multipage value, setting the template etc was not done. In this case since the value of multipage was not being set in the arl, controls break and expand to the next page.
4063	While generating report having horizontal pages, in that case in Single sheet output page footer section is missing.
4077	On exporting report in msexcel[single]/txt then "page n of n" should be present at end.
4089	PreFetch drilldown not working for direct run.
4098	Multiset SQL type parameter in task not working.
4154	[4.1Alpha2]Able to Submit Multiple requests even the Repeat Request property is "Deny New"
4158	Last Saved Instance on Dashboard not working when report published privately
4159	Last Saved Instance on Dashboard not working in case of workflow
4192/4201	Unable to publish reports with comments.
4156	Callback global filters are not working.
4191	Scheduled reports are failing for MYSQL repository.
4186	Report Server gives not responding message in case of Out Of Memory Exception.
4223	If we run a HTM report having chart in background and view it

Itrack ID	Description
	from recent report list, report doesn't get rendered successfully.
4222	Report server is not setting up max rows at the database level. The rows are being ignored at the engine level only
4219	Spelling mistake of metadata on SQL Editor.

ComClient

Itrack ID	Description
DS-2799	Displayed message while working on Studio. The system displayed message "This action cannot be completed because the other application is busy. Choose 'switch to' to activate the busy application and correct the problem." This problem is intermittent and occurs while working on Studio.
388	Email (Send Report as Link) - Protocol SYSTEMFILE -> GET is not working Properly.
386	For View Saved Report - ReportOld is not in correct format in the API - objLayoutManager.get_SavedReportList.
393	COM-4.0.9 RECOMCLIENTLib.User.System_Privileges returns incorrect values.
IC-112	Initialize method of CEngineObjectFactory class crashes the studio if no log file path specified.
4148	Callback event is not called in case of exception.
4149	Class not found for call back implementor class ReportEvents class was considered as a Engine class.
4045	[4.0A6]Displaying error message when Scheduler is disabled. This happens because check for License was missing
4047	[4.0 A6]Message prompt for Repeat Request when report runs second time though first run completes.
4058	[4.0A7]NullPointerException occurs when Summary cond. is applied on field & cond. is deleted.
4070	[4.0A7]Incorrect notification when engine starts on expiry date.
4078	[4.0A7] report get twice published and twice request on consol for notification.

Itrack ID	Description
4104	[4.0.PRE1/Linux]DB connection access rights are not working if Default and Repository are same.
4125	Executing report on a connection in which masking is not enabled.
4136	Highlighting rows in Ad-Hoc report without showing the used field "c" in report out-put.
4137	Values defined for DESKTOPSTUDIOUSERS & DESKTOPSTUDIOSEATS are not used.
4054	Page Headers aren't shown on viewing published (in txt/csv/singlesheet xl) report in html.
4117	Error comes on assigning Role to a User on MYSQL DB.
4115	Error occurs on opening the link to a emailed report with spaces in ReportID.
4052	Link to an unpublished report is sent in success mail when delivery is skipped.
4013	Comments added to a pending report are not visible to all users after report approval.
4049	Report should be published as approved if approved report is mailed.
4017	Approved instance should create for approved report after emailing as link.
3901	Status doesn't change on approval of pending report for email.
3927	Report gets republish when we approve the saved report for email.
3919	Report gets published on emailing the saved report.
4100	Error codes improved in the engine.
4132	Error in executing procedure returning multiple result set
4119	Error on Publish a Report associated with workflow on Solaris OS.
4146	Controls break and expanded to next page on excuting an adhoc report.

CVista

Itrack ID	Description
DS-2799	Displayed message while working on Studio.

Itrack ID	Description
	The system displayed message "This action cannot be completed because the other application is busy. Choose 'switch to' to activate the busy application and correct the problem." This problem is intermittent and occurs while working on Studio.
IV-391	Hyperlink is not working when URL contains ":"
IV-396	PO Select Count is not being Updated in Linked Parameter
IV-419	Description is not shown for parameters other than Linked parameters.
IV-423	Navigation error occurs on CVista with All Country Sales Report
IV-424	Cvista-The parameter is incorrect Error on Viewing Report in cvista.
IV-426	Behaviour for Linked Parameter Hierarchy with Hidden Parameter
IV-427	Hyperlink functionality on Chart-Series in CVista not working.
DS-2754	Wrong error message while opening invalid file from preview window.
IV-418	Box are being displayed in description window instead of spaces
IV-426	Behaviour for Linked Parameter Hierarchy with Hidden Parameter
IV-430	Report with a hidden parameter in 5LP Heirarchy goes on never ending loop.

ComClient

Itrack ID	Description
IV-428	A User is not able to point another engine from 'Report Engine Configuration'.

Desktop Studio

Itrack ID	Description
2782	[4.0.5]Format set in Point label data format dialog do not persist when navigation done.
2798	Resizing buttons should be available on report parameter

	form.
2799	[4.0.A6]Displayed message while working on Studio
2800	[4.0.A6]Calendar can't be closed in Date Type parameter if opened.
2803	[4.0.7]Horizontal scroll bar required in the date format dialog in the Parameter form.
2804	[4.0 A6]Studio login screen needs to be enhanced.
2805	[4.0 A6]Categorization in the property pane is removed when Chart height/width is changed.
2806	[4.0 A6]Studio crashes when Line control is selected & category icon selected in property pane.
2813	[4.0 A7]Permission Denied error when 3-4 instances of Studio are simultaneously closed.
2814	[4.0A7]On exporting Param ,the PO is not available in same studio session in import list
2815	[4.0A7]Studio working very slow while exporting and importing parameters
2817	(Same 2820)[4.0.8]Popup to save the subreport comes again after saving it.
2818	[4.0.8]Spelling mistake for sub-report Description in Property Pane.
2819	[4.0.8]/[4.0.A7]Studio persist 'Outputformat' property if selected once.
2820	(Same 2817)[4.0A7]Prompts for save dialog in the Subreport even after the SR is saved from toolbar.
2821	[4.0 A7]Connection name is not set correctly for the referenced subreport.
2825	[4.0 A7]Enhancement in Font size of "Styles "
2830	Provide functionality of multiple undo at different places.
2791, 2793	[4.0.A6]Default values for Search Param does not appear on IPF for old version IRLs(before 3.5.1)
2795	[4.0.A6]Critical-IRL crashes when Euro currency format is set in the chart, crosstab & parameter.
2807	[4.0 A6]Property description missing for some properties.
2809	[4.0.8]"Cross tab Properties" tab UI can be readjusted with

	attractive looking and optimum space
2831	Version should appear on MDI title bar.
2835	[4.1.1] All properties should be in Title case for the chart in Property Pane.
2836	Re-design UI of Page Settings screen.
2838	Standardized color coding should be used in syntax highlighting.
2839	Icons of parent and sub-report windows should be different.
2840	Need to add tooltip in help "Multiple Undo Ctrl + U, Multiple Redo Ctrl + R" - ctrlEditText
2843	"Task can not be completed.." error comes on reloading XML wizard.
2844	Styles created from Options dialog persist even if we cancel the Options dialog.
2845	Help should be available for page setup dialog.
2846	In SQL editor we need to show the no. of rows returned in status bar.
2848	[4.1.1] Format->Styles:Error on clicking on Format->styles.
2849	Studio should prompt before deleting - Formula,Parameter,Style,Cond., Cond. Format, & Notification.
2853	Paper Height and Paper Width controls are shuffled on page setup dialog.
2854	"Task cannot be performed.." error on deleting any used style.
2855	On re-importing a global style, borders are not refreshed on controls.
2852	[4.1.1]'Report Client Configuration' window have wrong caption as 'Report Engine Configuration'.
2862	Message incorrect from login.
2873	[4.1.Aplha3]-CVistaParam-Report with a hidden parameter in 5LP Hierarchy goes on never ending loop
2858	[4.1.1]User connection show blank combo instead of showing connection name.
2861	[4.1.1] Blank error popup comes on opening an IRL for which connection is not present.
2864	[4.1.2]Page setup: Page setup definition name should be case

	sensitive.
2865	[4.1.2]Option window should collapse immediately when "Auto update where Used>OK" is clicked.
2866+2869	[4.1.3] This task can not be performed error on importing parameter.
2867+2871	[4.1.2]Popup message for Deleting a style is not correct.
2870	Cross-Tab UI corrections needed.

IntellicusWindows Service

Itrack ID	Description
INS-9	Service crashes while stopping with multiple engine or web server support "If Service is configured to run multiple instances of report engine or web server, when it is stopped using service manager or report engines stopped using popup menu, Service crashes "

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Known Issues (4.1)

WebClient

ITrack ID	Description
	Report comments can not be viewed in JVista format.
3404	The Quick job UI should be repopulated in case of error while adding
	In netscape browser,The widget description is not completely visible while creating multiple widgets at dashboard designer
	Linked parameter is not implemented in common dashboard parameters
	The report formats available at dashboard designer are hardcoded as of now, they are not governed by entity level properties Restrict to background isn't implementd while designing dashboards
3678	Not supported for Dashboard and Notification because we

	have not yet started showing the display value of search parameter.
	On Qo page, The help window of parent would not get loaded if entity access right window is closed and its help window is open, this also applies to import section help
	Invisible Multiselect with default value ALL is not supported in SQL of other parameter.
	If a report is viewed in JVista format, on Report Execution status the default icon for the report is HTML as JVista requires Report_id as mandatory parameter for PostView
	Report server cannot send an email From an email address containing ampersand character. Administration > Configure > Server > EMAIL FROM ADDRESS - > The value for this property containing '&' character is allowed from the UI but mails are not sent using that.
	Personalization > My Preferences > User Preferences > Default Email Id cannot contain ampersand character. The user would be prompted for supplying the valid ID.
4199	[4.1.A4] Scroll bar does not display properly and hides last line of report o/p.
	In case of target=_self no client side method is called to fetch the url (when url length is less than Drilldown Max URL Length property). Due to this more than one scrollbar are present in report output.

Report Engine

Track ID	Description
4208	Single sheet XLS output distrubs if section's keep together property is false and there is any other section between its splitted parts
4200	MS-Excel Single Page Conversion The peak memory usage for Multi to Single Page Conversion has been reduced. Also, when the data exceeds 65536 rows, new sheet(s), as required, is created and the data is displayed in that sheet.
	While showing last published report on dashboard, Engine gives error if the last published report is not accessible to user (due to published report being org level, with user belonging to different org, or report in pending state and user is not owner/commenter/approver).
	If Engine gets any error in callback URL method, then it will ignore that error. It won't set any url on the control and continue with report execution.
4144	Hidden parameters will be sent in the response of DYNAMICIRLUSERPARAMETERS GET and USERPARAMETERS GET when getting the common parameters on dashboard.
	Super Admin user will be able to see all values of a forced parameter in case of linked parameter and common parameters on dashboard.
	For column flash chart axis rotation doesn't work when there are more than 1 field on x-axis.
3921	Not able to view the asynchronously run report in rwt format.
	For e.g. if HM screen is refreshed or loaded on Time 11:01:00 then last value plotted on chart is 11:10:00

	because of ceiling of time in minutes to highest power of 10. So values plotted for time 11:01:00 to 11:10:00 would be count of all those request which are not completed till 11:01:00.
3832	The format properties using which the report was run will not be applicable at recent report listing and link from email
3847	Server send corrupt zip file in case of HTML email with include comments as true.
	Charts are not rendered properly when scale min value is non-zero (autoscale off).
	Gauge and radar chart are not plotted according to the values given in scale while autoscale is off
3820	For adhoc reports, QO level properties will not apply untill the report has been modified or some report level properties are set.
3220	On giving Print at server command ,its giving java.lang.ExceptionInInitializerError
	HTML Output Caching(Not working).
	Format Props in Async Report.
	In dashboards, approved published reports do not appear.
3553	Jobs created earlier (old jobs) will not be able to be associated on dashboard as the cost of providing back compatibility is high as engine has to parse the history XML to get details of saved reports executed through the job.
	Currently only non splitted values are being converted to number. If output parsing fails the value is added as text.
3518	Non static Image Controls (Image source is path or URL) are not supported in XLS output.
3448	In multi-column reports, blank rows are removed only for first column of the page.
3447	In multi-column reports performance issue with blank row removal of single sheet XLS. When viewing/exporting in XLS and 'Remove blank rows and columns' is checked for such reports and there are large number of records it might take long time to generate single sheet XLS output.
	For crossTab control the property IncludeInCSV supports only two values REPETITIVE and NEVER. On setting value as ONCE, it is assumed as REPETITIVE.
	In charts NETWORK_ID format is not supported for y Axis and point labels.
	Reports published with 3.5.0.31 (3.5 Beta) does not run with 3.5.0.33 (3.5 Service pack).
2725	CSV out put gets disturb for crossTab that has column Totals (i.e. Total of row values)
	While designing a report with crossTab, height of column Header should not be set to zero or its visible property should not be set as false, rather remove the column header if not required, if done then splitting and xls output might get disturbed.

ITrack ID	Description
228	(COM)Zero is shown for blank/null numeric value in search type parameter.

CVista

ITrack ID	Description
	If the Connection Pool of the Report does not exist then Studio may work in an improper way.
	Linked paramater does not run in threads
	For TreeView Linked Parameter, It does not show "Loading..." text
	On searchTab , Arrow Keys(Up,Down) are not working in Searched Entries List.
	Should not add empty value in predef combo param when parameters "Restrict to List" true.
	PageDown And PageUp key works improperly on Table of Contents Tab.
	For see the Next And Previous Page of report PageUp And PageDown key should work.
	TextBox in which PageNumber is displayed, Does not show any tooltip.
	On TOC Tab, selected child node of group does not highlight, if it lies on Next page.
	ShowReport() API generating a new tab for Invalid report name.
	Not able to open ".ird" files by double click on the IRD file.
	Not supporting "Preset" with Double Line for Label/TextBox.
	No shortcut for Export,"CTL+E".
	"CTL+P" for printing,Not working
	Text Control with can grow as false and having insufficient space for display prints the text out of the box in printing.
	Vertical alignment is not working for text controls.
	Printing of the check box not supported
	From this build (3.5.3.1) Com Client starts supporting export of report in PPT format but as report server is not supporting export of report in PPT format so until report server starts supporting export in PPT format user will not be able to see export in PPT format button.

Minor Release 4.2

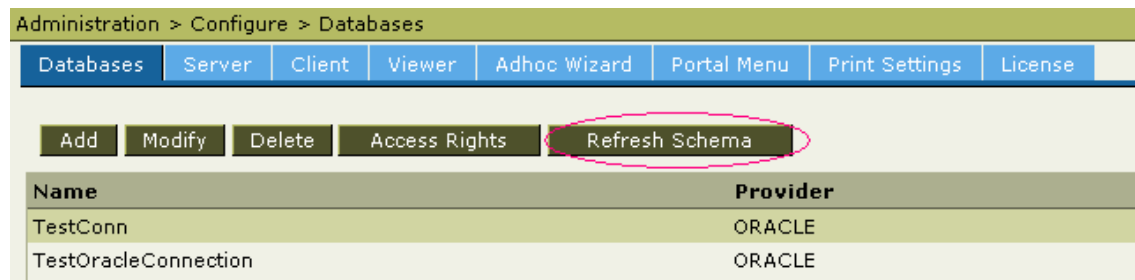
Refreshing Reporting Database Metadata

The SuperAdmin can now choose to refresh the metadata on-demand for a database connection. This feature is available from the portal itself and does not require a Report Server restart.

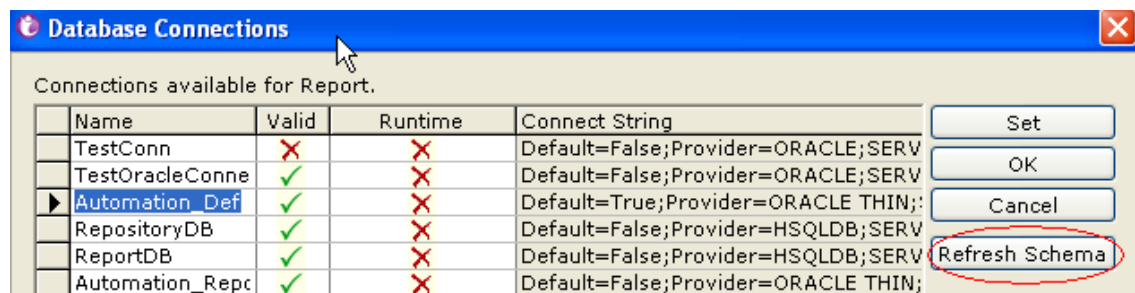
Using this feature, you can now make available the database objects added after the Report Server was initially started. Also, the changed objects can be re-cached using this option.

It is available both from the Studio and the Portal.

On Portal, It is available from Administration>Configure>Databases



On Studio, It is available from the Connection Setting dialog, when Super Admin user logs in.



HTML Output Enhancements

This version implements certain changes in the HTML tabular output generation logic with respect to border styling that resolves few discrepancies in HTML output in IE v/s other browsers.

This property can be set from the Portal using Administration > Configure > Server



Default Browser

Save Cancel


IE
IE
Others

Now onwards Report Server will render browser specific HTML output (Difference scope limited to border drawing around tabular report controls)

Some of the enhancements/issues fixed are:

- Borders between two rows of tabular output appeared thicker than actually applied
- Sometimes there appeared gap between two rows of output (and appeared as a thick line)
- Output differs when report is run in different browsers

Earlier, the issues shown in the figure below were witnessed while rendering





Group By: Country: Ascending

Product No.	Product Name	Total Qty.	Total Order Price	Discount (%)	Total Sales Amount
Australia					
40100	Audiovox XV-6600	180.00	\$126.70	10.33	20449.38
40102	PCS Vision PPC-6601	34.00	\$555.00	3.00	18303.9
40103	Nextel i325	2.00	\$100.00	19.00	162
40200	Mini Case Protectors	72.00	\$99.50	8.75	6537.15
40201	Pink Color Cancer Cellphone	20.00	\$129.00	5.00	2451
40202	Extra Large Case Protectors	28.00	\$80.00	24.00	1702.4

With the fixes, the above mentioned issues are resolved, as shown below

Group By: Country: Ascending

 Product No.	 Product Name	Total Qty.	Total Order Price	Discount (%)	Total Sales Amount
Australia					
40100	Audiovox XV-6600	180.00	\$126.70	10.33	20449.38
40102	PCS Vision PPC-6601	34.00	\$555.00	3.00	18303.9
40103	Nextel i325	2.00	\$100.00	19.00	162
40200	Mini Case Protectors	72.00	\$99.50	8.75	6537.15

Report Server Properties Visibility Configuration

From this version, the availability of configuration properties on the portal is governed by the License. For e.g., if the license grants permission to use the scheduler, then all the properties for scheduler would be made available for configuration from the portal.

Further, it is now possible to govern which licensed feature's configuration properties would be visible on the portal for the Super Administrator.

This is useful from Report Server management perspective and provides focused configuration view. Thus, you can avoid seeing many unused configuration parameters for your installation.

Note : The IS_HIDDEN attribute of each property in the ReportServerProperties.xml file governs the availability of the property on the portal for configuration. If the license does not permit the usage of the feature, the IS_HIDDEN property does not take effect.

Scheduler DST Enhancements/Issues Fixed

Some enhancements and issues have been fixed for Daylight Savings Time (DST) handling.

On the day of DST switch, both during start (March) and at the End(Nov) the first instance of the schedules on that day were running an hour behind or early. In one particular case the schedules used to run repeatedly. A work around was suggested to run report server exact time zone w.r.t GMT by specifying + or – hours in the run.bat. This workaround would require changing of the run.bat twice every year and re-starting of report server on the date of DST switch.

Now Intellicus resolves these issues and have tested for all DST switching dates for next 5 years. This resolution will allow to run Intellicus non stop during the DST switching dates with correct execution of scheduled reports according to business time rules.

Schedules that occur during the lost hour of the DST switch execute soon after the DST switching.

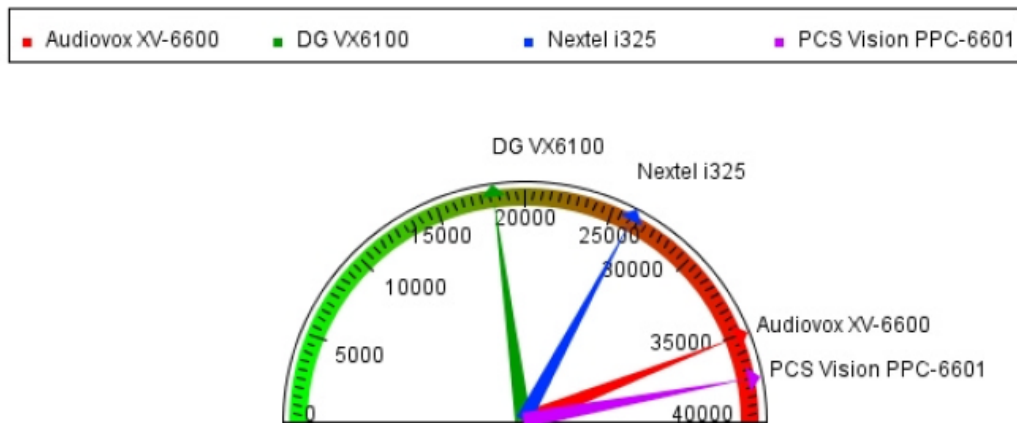
The defect details can be seen in the Issues Fixed section below.

Chart Enhancements

Gauge Charts

Manual Scale is now supported in gauge charts.

Earlier maximum series value (or its ceiling) was the scale's upper limit.



Connection and User Management Events

New Events for Connection and User Management have been added in this version.

These events can be used to execute callback code to implement custom rules/set properties by the host application i.e. You can now write specific business rules/set properties on the occurrence of these events.

Connection Events

The connection events introduced are:

Event	Description
beforeConnectionGet	This Event is raised before getting the connection from the Connection Pool. This event can be used to set/change any connection for any particular operation.
afterConnectionGet	This Event is raised before getting the

	connection from the Connection Pool. This event can be used to set/change the connection specific properties.
beforeConnectionSubmit	This Event is raised just before submitting the connection back to the pool after usage. This event can be used to reset any properties that were changed.

User Management Events

The User Management events introduced are:

Event	Description
afterOrganizationCreate	This Event is raised after an Organization is created. This event can be used to write any business rules after an organization has been created.
afterUserCreate	This Event is raised after a User has been created. This event can be used to write any business rules after a user has been created, like mailing the user his credentials after creation.
afterRoleCreate	This Event is raised after after a Role has been created. This event can be used to write any business rules after a role has been created.

Web Studio Enhancements

Web Studio continues to be in BETA. However, there are many enhancements/fixes done.

ID	Description
892	CrossTab: Add TOPN attribute (property) in Header tag of crosstab control.
893	Legend Show/Hide property required in the property pane of Chart properties.
894	Add a new property "APPLY118FORDATAFIELDS" at report Level.
895	Add New Property SummaryCondition for field controls.
896	SQL/SP Execution enhancement for large parameter values.

897	Add a property to show Excel background or not for sections.
898	Crosstab RowHeader and ColumnHeader need a property "XLS - On Span" for excel report output.
899	Support for AlternateColorLevel property in CrossTab.
900	Support for TREND LINE on Line charts
901	Support of system parameters.
903	RealPage: iSupport#1959: The fields section of designer is narrow
908	Pie Chart should have option to show Label or percent or value only for the Label format.
909	Provide the Data Formatting for Point Labels in Charts.
911	Enhancement: Provide a new Data Format "Network ID" in Chart Properties window.
912	Enhancement: Provide a new Data Format "Network ID" for CrossTab.

Resolved Issues (4.2)

Web Client

I track ID	Description
4175	Change in Matrix theme Changed theme elements for various sections of crosstab of delicate theme
4237	A new method in ParameterCollector needs to be introduced for collecting business params from request. This method does not collect SSO params from request. A new method setBusinessparameter is added which collects the request parameters and return a hashcontainer which contains all the sso params and new request params
4238	Use prefix IntellicusSSO for logs in ReportClientLogs.log file, in order to allow easy search for logs related to SSO. Prefix is added in all the debug statements.
4239	Remove reports REPORT_PARAMS tag from integration xml. In ReportController remove the check for availability of params in xml, use ParameterCollector instead. As the tag is removed from the integration xml, corresponding code is been removed from ReportControllerDetail.jsp. ParameterCollector is used for the same now.
4240	Filter section disapper after changing QO. Modified code to display it according to AdhocWizard Property file.
4063	Underscores present in the tooltips.And tooltips not in title case.
4252	Administration>Configuration>Viewer tab, PRINTATSERVER and PRINTDIRECTWITHCOMMNETS in Print options dual-list should be governed by license. Added a method to get the isPrintAtServer() and

Itrack ID	Description
	isCollaboration() from license and validate the DefaultPrintList, defaultSequence and Sequence from Property file list, by license, using that method
4251	<p>In Administration>configure>Viewer tab, the COMMENTS (collaboration) option in the global list should be governed by license.</p> <p>Added a method to validate the Default global list, default sequence and the sequence list from properties file, by license.</p>
4248	<p>WebStudio menu item should not be shown on portal if IRLDesigner tag is set to NONE.</p> <p>This is already as per the behaviour that if IRLDESIGNERS tag has value NONE or WIN, the web studio menu item will not be present.</p>
4249	<p>In User/Role Management screen, Standard Report Designer option should not be shown if IRLDesigners tag is set to NONE as per license.</p> <p>Added code to get the <IRLDesigner> set as per license, and if set to NONE, then remove Standard Report Designer option on the User/Role Management screen under System Privileges.</p>
4233	<p>In Administration>configure>license, Studio Licensing bar should be governed by License, i.e. if <IRLDesigner> is set to NONE, then do not show this bar.</p> <p>Added code to get the <IRLDesigner> set as per license, and if set to NONE, then removed Studio Licensing Bar.</p>
4228	<p>Report formats inside Default Selected Output Format combo should be governed by License in Administration>Configure>Adhoc Wizard.</p> <p>This combo gets populated from the selected dual list which already contains formats that are as per license.</p>
4227	<p>Report Formats Dual list should be governed by license and only those formats should be populated in the list that are present in license.</p> <p>Added a code to get only those default formats and the formats in property file which are validated by license, and then populated the dual list.</p>
4241	In PO, Enclosed By input box should accept more than one

Itrack ID	Description
	characters. Removed the constraint to enter only single character in enclosed by input-box. Now user is allowed to enter upto 10 characters for enclosure string.
4234	Number of Organizations, Users & Connections should be shown on the UI.
4235	Visibility of server properties on portal will govern by an attribute IS_HIDDEN
4253	In PO, Default list displays invalid values if enclosing and seperating char are same Applied a validation check so that user is not allowed to save the PO with seperating char which is part of enclosed by string.
4169	Parameter values are not replaced on Emailing in Background for Subject
4223	Design mode text box should be filled after uploading the report.
3381	Javascript Error occurs when relogin done after Session expire on Dashboard.
4226	Reports>Search Type combo should be governed by license (For example if license having Report type=Adhoc only and not standard, then combo option should be set to Adhoc and disabled.)
4046	In Auditlogging Result page Date From and Date to text box does not show full date selected. Text box should be big enough so that whole date selected should be visible.
3972	While viewing published reports (mailed from Jvista), report format icon missing.
4161	Saving Searchable type parameter as Text box type parameter and Running that report generates JS error.
4236	In Report>Search, Search should be parameterized.
4173	Message in Email is incorrect on Emailing in PDF as a Link through Quick schedule.
4167	Parameter value stretched IPF and creates an empty space at header in IPF layout.
4130	Display name of source category and report of linked reports in

Itrack ID	Description
	Manage Folders.
3958	First Category name is displayed on UI on accessing the ReportListForCategory using http-API
4257	For passing parameters, there would be two methods setHiddenParameters() and setBusinessParameters(). a)setHiddenParameters() This method would be called before calling the getIntellicusToken method. User can not change/update the parameters set through this method. b) setBusinessParameters() This method would be called before calling the redirectToIntellicus method. Parameters set in this method can be updated without requesting new token.
4211	Incorrect OPERATION_TYPE is being passed on publishing a report in background
4274	'Connection count limit has reached' message on adding a New connection
4288	'Organization count limit has reached' message on adding a New organization
4231	Javascript error occurs on HM screen when dashboard is not present in license
4280	JS error on deleting group in a QO.
4045	Auditlogging for a report ran between 00:00 AM to 00:59 AM showing 24:00 instead of 00
4270	Datamasking screen hangs for invalid connection.
4278	DBMetadata is not getting cached for default connection on SQL Editor
4284	For selected table columns not getting populated in operands list on SQLEditor
4295	Problem in searchable parameters which have Date input as search Criteria.
4294	WebClient should pass Named Connection in RecordSet - Get request.
4301	Error saying "file with user-mapped section open" on SQL Editor.
4307	A normal user should not allowed to modify few report properties.

I track ID	Description
4221	Linked Parameters Errors.
4312	Report is not giving desired output in Integration environment.

Report Engine

I track ID	Description
4173	Left Vertical line becomes invisible on grouping in adhoc output This happens because ARL to IRL convertor don't put left border for grouping controls as well as on some empty controls put on report.
4196/4230	Displayed error – Failed to get execution status of requests under My Report. The query to get the list of post view reports was such that it applied the date filters as long on column CREATION_TIME which is actually of string type.Hence the query failed to execute.
4188	Portal fails to generate 'scheduled job execution history list'. Some columns which where added in INTERA_SCHD_HISTORY have null values in case of old history due to which null pointer exception is generated when getting the history list.
4228	Postgres repository: Failed to retrieve pending reports list. Removed aliasing from repository SQL.
4301	Full Name is not set for Sub Report Control. Currently sub report name is set after the control is added to section. So it remains null in all case.
4302	Any of the Events are not executed if implementer path is wrong for any of the eventhandler. Currently if wrong class name is specified for any of the eventhandler, then Engine throws exception. And hence remaining eventhandlers are also not initialized.
4282	Once Job fails to execute on next day of DST start day at 00:00:00 Hrs. This happens because the time calculated for 00:00 to 00:59 of the day after DST starts come under DST start Day.
4283	Inconsistent behavior of daily recurring schedule on DST end day This happens because the time calculated for 00:00 to 00:59 of the day after DST end come under DST end Day.

Itrack ID	Description
4296	<p>Wrong next Run time of job.</p> <p>This happens because a wrong check was applied for comparing current time & start time</p>
4297	<p>Job scheduled to run on start day of DST doesn't execute.</p> <p>This happens because the current date(March 7th 2009 23:50:00) is not in DST Day but according to our calculation its time from 2300hrs to 2359Hrs falls on next day 8th March(the day when DST starts). This will replicate only when system time is in 2300hrs to 2359hrs else it will run fine</p>
3917	<p>Error parsing SQL query: On creating Tree view Hierarchical Parameter.</p> <p>Report Server fails to parse the query having "Connect By/Starts With" clause if their order is changed.</p>
4275	SQLParser exception when query contains keyword PRIOR.
4270	<p>Oracle stored procedure fails to fetch data from linked DB with read only access.</p> <p>This happens as when oracle executes the statement by default it does this in READ WRITE transaction, but linked DB has READ ONLY access. To overcome this we explicitly need to set transaction as READ ONLY before executing the query. For doing this a PL/SQL block can be written.</p>
4241	<p>Manual scaling is not working in Gauge chart.</p> <p>This happens because logic being used for drawing gauge charts was not correct in case of autoscale off.</p>
4238	<p>In 3D Pie chart one of the slice does not look proper.</p> <p>This happens because when a 3D pie chart is drawn, the pies are drawn one at a time. Due to multiple layers in 3D chart, the pie drawn at last overlaps with the earlier drawn pies.</p>
4272	<p>Case Independent query generation does not work on MSSQL case sensitive database.</p> <p>Report Server checked the entity name as it is without excluding the specifier if any. In MSSQL tables' names are specified in Sybase brackets which did not match the meta data available with report server. Hence logic for generating case independent query did not apply in this case.</p>
4259	Intellicus 4.1 Alpha6 Failed to retrieve scheduled job execution history list.

Itrack ID	Description
	The query used to retrieve the scheduled job history has column names in small case which does not execute on 93ybase as column names are case sensitive.
4274	<p>Standard Report gets executed through job even if license does not support it.</p> <p>When executing the job Report Server does not check whether license supports standard report execution or not.</p>
4279	<p>Report gets published/emailed/ftped in format not supported in license.</p> <p>Engine does not apply format checks when publishing/emailing/ftping a report or when viewing a saved report or audited report.</p>
4267	<p>Sybase: Weblogic: Comments are not getting saved when Show After Approval = false.</p> <p>This is happening because in the query to update SHOW_IN_NEXT value in INTERA_WORKFLOW_COMMENTS table, SHOW_IN_NEXT is being set as a string. But it being a numeric field, implicit conversion from datatype 'VARCHAR' to 'NUMERIC' is not allowed in 93roper database.</p>
4235	<p>Adhoc reports in any format (other than HTML) are not coming in Recent Reports.</p> <p>Engine updates the recent report list only in case the dataset type received from client is REPORT. In case of adhoc report executed through the run option, DYNAMICIRL exec request is received. Hence the recent report list is not updated in this case.</p>
4232,4246	<p>Engine is unable to execute cache db procedures</p> <p>A connection level property was set before executing MSSQL stored procedure. This change was done in common class SQLStored Procedure, and generated when Cachedb procedures are executed.</p>
4207	<p>Some Reports on Syabase DB fails to run or in the case when the schema name and the user name is different.</p> <p>It was assumed that default schema name and the user name is same. So while getting the schema name for a user, the user name was returned.</p>
3970,4271	Repeat Page header&footer not working incase of XSL export.

Itrack ID	Description
	A method call is missing which sets the attribute for repeating page header and footers. So the attribute for repeating page headers and footers always remain false by default. And hence page headers and footers are not repeated.
4200	<p>MS-Excel Single Page Conversion to multi sheet & symbol missing in 1st sheet</p> <p>In single sheet XLS output, we are adding image controls at the end of report. But in a case when data exceeds 65000 rows, we are generating new sheet. And we have this new sheet as a current sheet. And when report ends, we will have only the last generated sheet as a current sheet. So while adding report images, all these images are being added on the last generated sheet.</p>
4208	<p>XSL O/P the rows are overlapping at page break some where.</p> <p>Single sheet XLS output gets disturbed when it found any section between two splitted parts of a section. Like if in a report a Group Header section is set to be repeated on every page (Set the Repeat property of Group Header section) and keep together Property of the detail section is false.</p>
4284	<p>In ReportEvents, afterReportExecution() should be independent of beforeReportExecution().</p> <p>Engine expects connection name from beforeReportExecution() event. And by using this name it executes afterReportExecution. If connection name is not passed by client, afterReportExecution will not be executed. In this way it afterReportExecution was dependent on afterReportExecution() event.</p>
4285	PARAMS_INFO Hashmap contains USER_PARAMS HashMap which is Properties Type.
4286	beforeReportExecution() of ReportEvents does not return any UserInfo, user param details.
4337	<p>Report produces blank cells in Adhoc Matrix.</p> <p>This is an issue with word-wrapping. In case where first word of the text is wider than the available control width whole text is shifted to next line; thus introducing a blank line at beginning. As in crosstab height of controls does not vary only this first blank line of control is shown in output.</p>
4334	A admin user is able to update role mapping for super admin

Itrack ID	Description
	<p>user</p> <p>The issue was due to incorrect logic of getting the superadmin status to the added, deleted, modified user.</p>
4327	<p>Adhoc Reports with QO using PO (defined on named Connection) is not running.</p> <p>This happens because currently the report server does not include the QO connection Name in the GetUPX request for an adhoc report. The connection needs to be extracted from the QO and set in the IRL object before calling getUPX on the converted IRL.</p>
4333	<p>NAMEDCONNECTION priority order not working for Searchable parameter.</p> <p>This happens because currently report server doesn't have NamedConnection for a RecordSet request.</p>
4340	<p>Providing access right on comment to specific user</p>
4323	<p>When we define UMMEEvents (afterOrganizationCreate, afterRoleCreate, afterUserCreate) with "throws Exception" it does not compile successfully.</p>
4292	<p>Setting XSL Backgroundproperty true for detail section changes data format.</p> <p>We are adding control on opcode basis in XLS. according to that we are first adding text control and then background controls. So while adding background information on existing text control on sheet, at that time it lost its existing formatting. and contains all default formatting. So for all date controls it navigates to cell's default format(i.e. Number format). Hence all date controls appear with number values.</p>
4336	<p>If Searchable parameters have date dependency, then while doing the search Current_date, Year_start_date, Month_start_date input does not work.</p>
4342	<p>Hyperlink does not work in case of URL having parameter name-value pairs in query string.</p> <p>According to Engine's URL resolving protocol, Engine was splitting it on = sign. But in case of query string we have multiple = signs. So in case of multiple = signs, Engine would not be able to get URL properly.</p>
4334	<p>A admin user is able to update role mapping for super admin</p>

I track ID	Description
	user The fix created issue while adding user in callback organization
4361	Null pointer exception in chart This was happening because data series was being initialised with a constant size of 50. Hence whenever the series count exceeded 50, <code>ArrayIndexOutOfBoundsException</code> exception occurred when traversing data series.

Web Studio

I track ID	Description
905	Chart preview image is not appearing in Chart Property window
888	JS Error on SQL Report wizard.
906	JS error On selecting Result tab on SQL Editor.
902	Chart: ShowLegend property also updates chart visible property.
904	Provide tool tip for Field List items.

JVista

I track ID	Description
365	TOC tree contains multiple nodes for same TOC entry. TOCList array list of jvista does not reset to blank when no TOC entry is found in chunk, So it creates duplicate TOC tree nodes for same TOC entries.

DeskTop Studio

I track ID	Description
	Report crashes on opening Script Editor having frames. While adding a page break line during saving, if report has frame controls, then ARD adds the page break line in frame control. This results an invalid IRL and on opening script editor, studio crashes.

CVista

I track ID	Description
2889	Report hangs on clicking on Last Page icon in the toolbar.

Known Issues (4.2)

WebClient

ITrack ID	Description
	Report comments can not be viewed in JVista format.
3404	The Quick job UI should be repopulated in case of error while adding
	In netscape browser, The widget description is not completely visible while creating multiple widgets at dashboard designer
	Linked parameter is not implemented in common dashboard parameters
	The report formats available at dashboard designer are hardcoded as of now, they are not governed by entity level properties Restrict to background isn't implementd while designing dashboards
3678	Not supported for Dashboard and Notification because we have not yet started showing the display value of search parameter.
	On Qo page, The help window of parent would not get loaded if entity access right window is closed and its help window is open, this also applies to import section help
	Invisible Multiselect with default value ALL is not supported in SQL of other parameter.
	If a report is viewed in JVista format, on Report Execution status the default icon for the report is HTML as JVista requires Report_id as mandatory parameter for PostView
	Report server cannot send an email From an email address containing ampersand character. Administration > Configure > Server > EMAIL FROM ADDRESS - > The value for this property containing '&' character is allowed from the UI bur mails are not sent using that.
	Personalization > My Preferences > User Preferences > Default Email Id cannot contain ampersand character. The user would be prompted for supplying the valid ID.
4173	In Task Add operation, Email message is lost after clicking on Go and then selecting Email option.
4167	In NN, Input Parameter control table not able to streach automatically If data contain in control (i.e. combo box) is too large.

Report Engine

ITrack ID	Description
	Currently all date constants on only IPF are evaluated. But while creating any parameter, and using any another parameters value as source for the SQL execution of parameter, at that time date constants are not evaluated.
3602, 3614	Single Sheet XLS output disturbs, if rowId for any control within section exceeds no. of rows by section height.
4305	Single Sheet XLS output not proper in case crosstab splitting and one or more section repeating between splitted crosstab.
4306	Multisheet XLS output disturbs, when any section containing crosstab splits. And between splitted parts, any repeated section occurs.
4208	Single sheet XLS output distrubs if section's keep together property is false and there is any other section between its splitted parts
4200	MS-Excel Single Page Conversion The peak memory usage for Multi to Single Page Conversion has been reduced. Also, when the data exceeds 65536 rows, new sheet(s), as required, is created and the data is displayed in that sheet.
	While showing last published report on dashboard, Engine gives error if the last published report is not accessible to user (due to published report being org level, with user belonging to different org, or report in pending state and user is not owner/commenter/approver).
	If Engine gets any error in callback URL method, then it will ignore that error. It won't set any url on the control and continue with report execution.
4144	Hidden parameters will be sent in the response of DYNAMICIRLUSERPARAMETERS GET and USERPARAMETERS GET when getting the common parameters on dashboard.
	Super Admin user will be able to see all values of a forced parameter in case of linked parameter and common parameters on dashboard.
	For column flash chart axis rotation doesn't work when there are more than 1 field on x-axis.
3921	Not able to view the asynchronously run report in rwt format.
	For e.g. if HM screen is refreshed or loaded on Time 11:01:00 then last value plotted on chart is 11:10:00 because of ceiling of time in minutes to highest power of 10. So values plotted for time 11:01:00 to 11:10:00 would be count of all those request which are not completed till 11:01:00.
3832	The format properties using which the report was run will not be applicable at recent report listing and link from email

3847	Server send corrupt zip file in case of HTML email with include comments as true.
	Charts are not rendered properly when scale min value is non-zero (autoscale off).
	Gauge and radar chart are not plotted according to the values given in scale while autoscale is off
3820	For adhoc reports, QO level properties will not apply untill the report has been modified or some report level properties are set.
3220	On giving Print at server command ,its giving java.lang.ExceptionInInitializerError
	HTML Output Caching(Not working).
	Format Props in Async Report.
	In dashboards, approved published reports do not appear.
3553	Jobs created earlier (old jobs) will not be able to be associated on dashboard as the cost of providing back compatibility is high as engine has to parse the history XML to get details of saved reports executed through the job.
	Currently only non splitted values are being converted to number. If output parsing fails the value is added as text.
3518	Non static Image Controls (Image source is path or URL) are not supported in XLS output.
3448	In multi-column reports, blank rows are removed only for first column of the page.
3447	In multi-column reports performance issue with blank row removal of single sheet XLS. When viewing/exporting in XLS and 'Remove blank rows and columns' is checked for such reports and there are large number of records it might take long time to generate single sheet XLS output.
	For crossTab control the property IncludeInCSV supports only two values REPETITIVE and NEVER. On setting value as ONCE, it is assumed as REPETITIVE.
Previous known issues	
	In charts NETWORK_ID format is not supported for y Axis and point labels.
	Reports published with 3.5.0.31 (3.5 Beta) does not run with 3.5.0.33 (3.5 Service pack).
2725	CSV out put gets disturb for crossTab that has column Totals (i.e. Total of row values)
	While designing a report with crossTab, height of column Header should not be set to zero or its visible property should not be set as false, rather remove the column header if not required, if done then splitting and xls output might get disturbed.

JVista

ITrack ID	Description
--	Landscape printing of reports takes place from right to left.

--	The search tree size calculation is incorrect in case the resolution of the monitor is less than 1024 by 768 pixels.
----	--

ComClient

ITrack ID	Description
228	(COM)Zero is shown for blank/null numeric value in search type parameter.

CVista

ITrack ID	Description
	If the Connection Pool of the Report does not exist then Studio may work in an improper way.
	Linked paramater does not run in threads
	For TreeView Linked Parameter, It does not show "Loading..." text
	On searchTab , Arrow Keys(Up,Down) are not working in Searched Entries List.
	PageDown And PageUp key works improperly on Table of Contents Tab.
	For see the Next And Previous Page of report PageUp And PageDown key should work.
	TextBox in which PageNumber is displayed, Does not show any tooltip.
	On TOC Tab, selected child node of group does not highlight, if it lies on Next page.
	ShowReport() API generating a new tab for Invalid report name.
	Not able to open ".ird" files by double click on the IRD file.
	Not supporting "Preset" with Double Line for Label/TextBox.
	No shortcut for Export,"CTL+E".
	"CTL+P" for printing,Not working
	Text Control with can grow as false and having insufficient space for display prints the text out of the box in printing.
	Vertical alignment is not working for text controls.
	Printing of the check box not supported
	From this build Com Client starts supporting export of report in PPT format but as report server is not supporting export of report in PPT format so until report server starts supporting export in PPT format user will not be able to see export in PPT format button.

Minor Release 4.3

Searching for Entities

You can now search the various entities in the system like Organizations, Users, Roles, Connections, Query Objects, Parameter Objects and Parameter Value Groups.

This feature is helpful when the number of such entities grows large and there is a need of faster access to them.

You can use the “Starts With” or the “Contains” option to specify the search criteria.

Searching Parameters option is shown below.

The screenshot displays the Intellicus Administration console interface. The top navigation bar includes tabs for Dashboards, Reports, Schedule, Design, Notify, Repository, Administration, and Personalization. The 'Repository' tab is active, showing a breadcrumb trail: Repository > Report Objects > Parameter. Below this, there are tabs for Query, Parameter, and Parameter Value Groups, with 'Parameter' selected. The main content area is divided into several sections. On the left, a 'Parameters' list shows a search bar with 'Starts With' selected and a list of parameter objects. The 'ParameterObject1' details are shown on the right, including fields for Name, Type, Format, Size, Default Value, and Description. The 'Combo Source' section shows the 'SQL' option selected, with a list of values including 'orders'. The 'Display Column' and 'Value Column' are both set to 'ORDER_NO'. The 'Input Type' is set to 'Combo'. The 'Multi Select' checkbox is checked, and the 'Search' button is highlighted.

Callback Events

Continuing with the provisioning of various events in earlier version, more events are now provided. You can use these events to callback host application code and do any auditing activity.

Some of the earlier events have been enhanced to pass more information to facilitate wide ranging operations. For example, when the user is created, the event now passes the user preference like email id, allowing the callback code to send an email to the user on getting created in the system, using the passed email id.

The events introduced/enhanced are:

Event	Description
<i>User Management Events</i>	
afterUserCreate (enhanced)	Now provides User/IM preferences for the user, to the callback code.
afterUserModify	This event is raised when a user information is updated. All user related information is provided.
<i>Report Management Events</i>	
afterReportAdd	This event is raised whenever a new report is added.
afterReportModify	This event is raised whenever a report is modified.
afterReportDelete	This event is raised whenever a report is deleted.
<i>Report Object Management Events</i>	
afterReportObjectAdd	This event is raised whenever a new report object (Query Object/Parameter Object) is added.
afterReportObjectModify	This event is raised whenever a report object (Query Object/Parameter Object) is modified.
afterReportObjectDelete	This event is raised whenever a report object (Query Object/Parameter Object) is deleted.
<i>Category Management Events</i>	
afterCategoryAdd	This event is raised whenever a new category is added.
afterCategoryModify	This event is raised whenever a category is modified.
afterCategoryDelete	This event is raised whenever a category is deleted.

Adhoc Powerviewer enhancements for Grouping

Powerviewer for Adhoc reports has been further enhanced to make available the flexibility of moving groups from one level to another (in case of nested groupings) and also to allow to remove the grouping and adding that value as a column data.

These two enhancements are illustrated below:

Rearrangement within Groups (by Drag-Drop)

In the screen shot below, the grouping is on Product Name followed by Country. You can now drag the group level and move it to a different level. In this example, the country level group is being moved to a level over Product Name.

All Country Sales

11/27/2008 3:59 PM

Group By: Product Name: Ascending, Country: Ascending

Product No.	Code	Discount (%)	Total Qty.	Total Order Price	Total Sales Amount
2.5 mm Flashing Ear Phone					
Belgium	Country				
4U301	BEL	14.50	28.00	\$134.50	\$3,219.93
Canada					
40301	CAN	4.00	16.00	\$131.00	\$2,012.16
France					
40301	FRA	14.00	64.00	\$132.70	\$7,303.81
Mexico					
40301	MEX	25.00	6.00	\$131.00	\$589.50
Singapore					
40301	SING	2.00	2.00	\$38.00	\$74.48
Spain					

Note: In the example above, the Field name "Country" comes when the mouse pointer is taken over Belgium, in order to move the grouping by country to one level up, i.e. now the grouping required is by Country then by Product Name.

Once the dragging action is performed, the grouping levels changes, i.e., the Grouping is now by Country followed by the Product Name.

All Country Sales

11/27/2008 4:08 PM

Group By: Country: Ascending, Product Name: Ascending

Product No.	Code	Discount (%)	Total Qty.	Total Order Price	Total Sales Amount
Australia					
AC/DC Car Charger					
40403	AUS	19.33	294.00	\$21.30	\$5,051.51
Audiovox XV-6600					
40100	AUS	10.33	180.00	\$126.70	\$20,449.38
Body Glove Ear Glove					
40303	AUS	13.50	60.00	\$24.50	\$1,271.55
Cellboost Disposable Charger					
40401	AUS	8.00	130.00	\$113.00	\$13,514.80
Dual Car Charger					
40400	AUS	11.20	544.00	\$67.40	\$32,559.05
Enviro-Kit					
60201	AUS	18.75	164.00	\$13.00	\$1,732.25

Moving Group to Column level (by Drag-Drop)

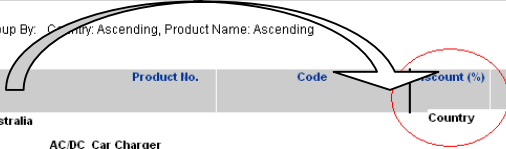
Now you can also remove the grouping and take it to the detail i.e. add as a column in the report.

In the illustration below, the Country grouping is now being put in the details as a column, by dragging the first grouped value to the position before Discount column in the report.

All Country Sales

11/27/2008 4:15 PM

Group By: Country: Ascending, Product Name: Ascending



Product No.	Code	Discount (%)	Total Qty.	Total Order Price	Total Sales Amount
Australia					
AC/DC Car Charger					
40403	AUS	19.33	294.00	\$21.30	\$5,051.51
Audiovox XV-6600					
40100	AUS	10.33	180.00	\$126.70	\$20,449.38
Body Glove Ear Glove					
40303	AUS	13.50	60.00	\$24.50	\$1,271.55
Cellboost Disposable Charger					
40401	AUS	8.00	130.00	\$113.00	\$13,514.80
Dual Car Charger					
40400	AUS	11.20	544.00	\$67.40	\$32,559.05

On being moved, the remove group action is initiated, as shown below.
Once the action is applied, the column Country now appears as a report column.

All Country Sales

11/27/2008 4:17 PM

Group By: Product Name: Ascending

Product No.	Code	Country	Discount (%)	Total Qty.	Total Order Price	Total Sales Amount
2.5 mm Flashing EarPhone						
40301	BEL	Belgium	14.50	28.00	\$134.50	\$3,219.93
40301	CAN	Canada	4.00	16.00	\$131.00	\$2,012.16
40301	FRA	France	14.00	64.00	\$132.70	\$7,303.81
40301	MEX	Mexico	25.00	6.00	\$131.00	\$589.50
40301	SING	Singapore	2.00	2.00	\$38.00	\$74.48
40301	SPA	Spain	11.50	24.00	\$138.00	\$2,931.12
40301	UK	United Kingdom	14.29	34.00	\$136.00	\$3,963.43
40301	USA	United States	13.90	78.00	\$136.00	\$9,132.98
AC/DC Car Charger						
40403	AUS	Australia	19.33	294.00	\$21.30	\$5,051.51
40403	BEL	Belgium	23.00	100.00	\$22.00	\$1,694.00

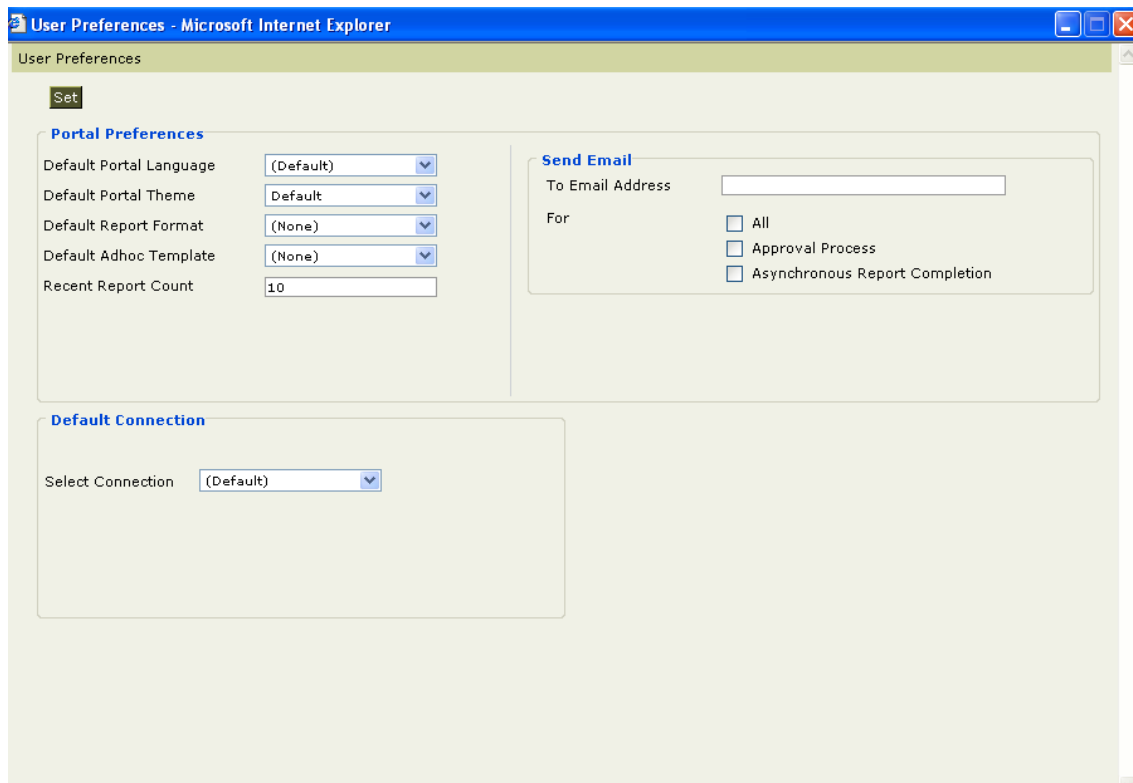
User Creation/Modification – Setting User Preferences

Now, Admin/ Super Admin can set preferences for normal users of the system while creating or modifying a user.

A button is now made available to invoke the User preferences screen.

The screenshot shows the 'Administration > Manage Users > User/Role' interface. The 'User/Role' tab is selected. The interface includes a sidebar with 'Organization' (Intellica) and a list of users (Admin, Designer, MinAdmin, User, User5) and roles (Role1). The main area contains fields for 'User Name', 'Password', 'Confirm Password', and 'User Description'. The 'System Privileges' section lists various permissions, with 'Data Restriction' and 'User Preferences' (highlighted with a red circle) being the focus. The 'Roles' section shows 'Role1' is selected.

The following user preferences can be set by the Admin/ Super Admin.



User Preferences - Microsoft Internet Explorer

User Preferences

Set

Portal Preferences

Default Portal Language: (Default) ▼

Default Portal Theme: Default ▼

Default Report Format: (None) ▼

Default Adhoc Template: (None) ▼

Recent Report Count: 10

Send Email

To Email Address:

For:

- ☐ All
- ☐ Approval Process
- ☐ Asynchronous Report Completion

Default Connection

Select Connection: (Default) ▼

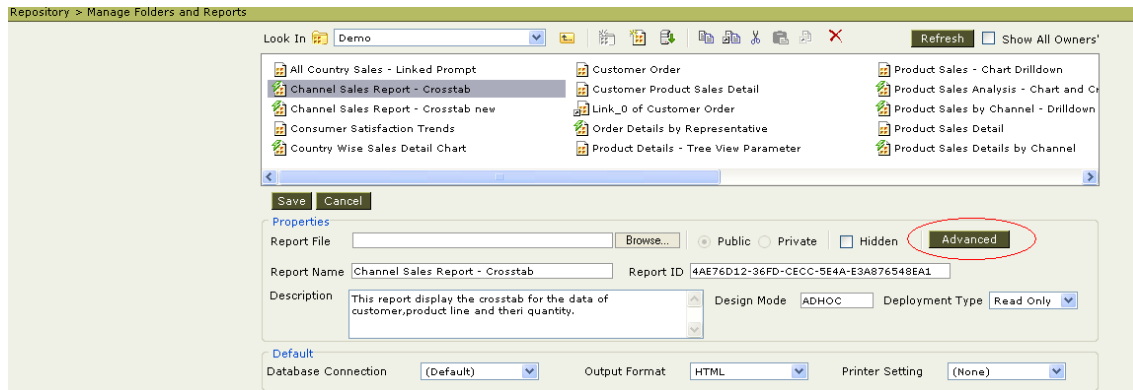
Report Properties – Movement to advanced properties

Some of the properties have been moved to the Advanced properties area, which is governed by the Admin role only.

The properties are:

- Run Priority
- Query Execution
- Cache
- Cache Level
- Cache Refresh
- Cache Frequency

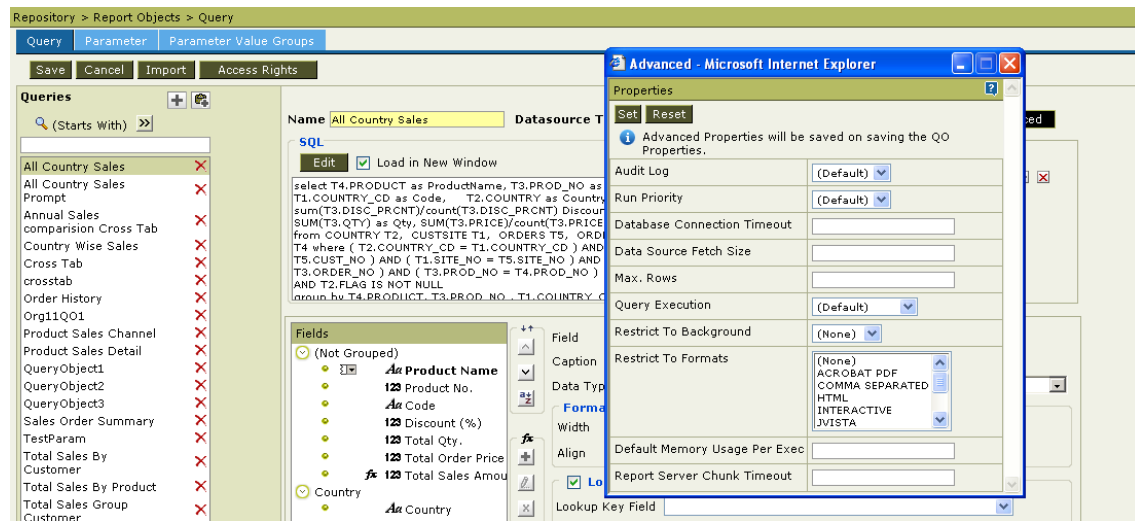
have been moved to Advanced option, which is available to Admin/Super Admin only.



Query Object Advance properties – Additions

Please note that some additional properties have been added to the Query Objects Advanced properties. These properties include :

- Run Priority
- Max Rows
- Query Execution
- Restrict to Background
- Restrict To Formats
- Default Memory Usage Per Exec
- Report Server Chunk Timeout



Downloading Report Server logs

Now, there is an option to download the Report Server logs directly from the portal. This helps you to collect logs easily for any analysis activity.

Note : The option appears as a hyperlink "Log Files".



Administration > Configure > Server	
Databases Server Client Viewer Adhoc Wizard Portal Menu Print Settings License	
Save Cancel	
Listener IP Address	<input type="text"/>
Listener Port	<input type="text" value="45450"/>
Database Connection TimeOut (seconds)	<input type="text" value="600"/>
Security	<input type="button" value="Enable"/>
Audit Log	<input type="button" value="Disable"/>
Request Queue Size	<input type="text" value="1000"/>
Page ChunkSize	<input type="text" value="10"/>
Log Level	<input type="button" value="ERROR"/> Log Files
Output Folder (deprecated)	<input type="text" value="../reports"/>
XML Data Source Folder	<input type="text" value="../xmldata"/>
Temporary Folder	<input type="text" value="../temp"/>

On Selecting the hyperlink, you can view the Report Server logs.

From this feature, you can select the logs and choose to download the logs or choose to purge these.

Note : The downloaded logs are in the zipped format.

Server Log Files - Microsoft Internet Explorer

Server Log Files

S.No.	<input type="checkbox"/>	Log File Name	Start Date	End Date	File Size (KBs)
1 .	<input type="checkbox"/>	ReportEngine.log	10/13/2008; 14:48:03	11/27/2008; 16:52:11	8808
2 .	<input type="checkbox"/>	ReportEngine.log.1	09/11/2008; 14:10:07	10/13/2008; 14:48:03	10240
3 .	<input type="checkbox"/>	ReportEngine.log.10	07/02/2008; 18:30:01	07/10/2008; 17:23:14	10240
4 .	<input type="checkbox"/>	ReportEngine.log.2	08/25/2008; 15:37:01	09/11/2008; 14:10:06	10240
5 .	<input type="checkbox"/>	ReportEngine.log.3	08/25/2008; 12:37:40	08/25/2008; 15:37:01	10240
6 .	<input type="checkbox"/>	ReportEngine.log.4	08/25/2008; 11:28:15	08/25/2008; 12:37:39	10240
7 .	<input type="checkbox"/>	ReportEngine.log.5	08/08/2008; 20:07:26	08/25/2008; 11:28:14	10240
8 .	<input type="checkbox"/>	ReportEngine.log.6	08/06/2008; 15:44:53	08/08/2008; 20:07:03	10240
9 .	<input type="checkbox"/>	ReportEngine.log.7	07/25/2008; 12:54:51	08/06/2008; 15:44:52	10240
10 .	<input checked="" type="checkbox"/>	ReportEngine.log.8	07/23/2008; 11:14:39	07/25/2008; 12:54:51	10265
11 .	<input checked="" type="checkbox"/>	ReportEngine.log.9	07/10/2008; 17:23:14	07/23/2008; 11:14:34	10240

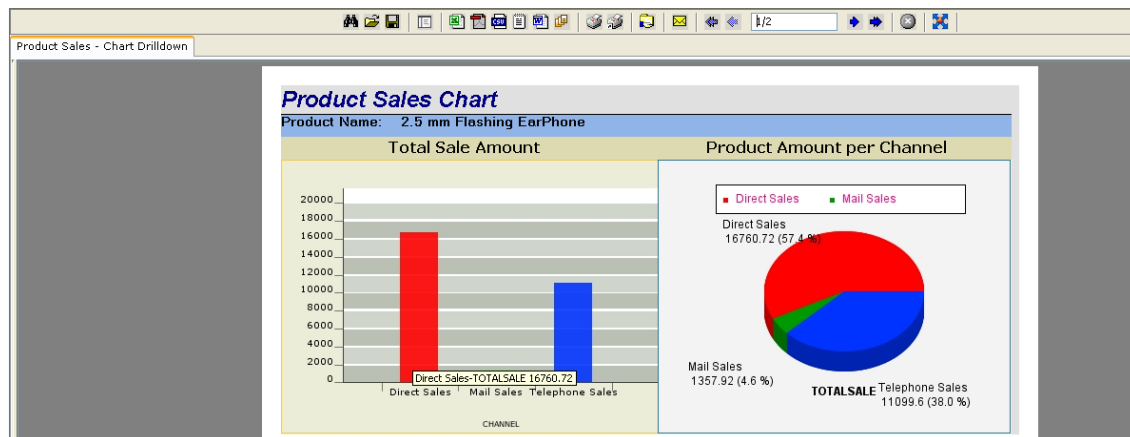
Number of selected files: 2 Total file size: 20505 KBs Approximate zip file size: 410 KBs - 2051 KBs

* ReportEngine.log is the log file currently locked by Report Server.
 ** Logs are downloaded in zipped format.
 *** Purged files cannot be recovered.

[Download Log](#) [Purge Log](#)

JVista - Supporting Drilldown on Chart Control

Now, you can drill down from charts while using the JVISTA viewer.



The drill down report opens in a separate tab as shown below.

Product Sales - Chart Drilldown Report			
<div> Sales of 2.5 mm Flashing EarPhone Through Direct Sales </div>			
Order No.	Order Date	Customer	Sale Amount
27	8/17/03	GO Outlet Paris	\$151.30
33	4/15/03	Vacation Central 3	\$163.10
46	10/16/04	Fresh Air Lite 4	\$1,152.80
77	11/15/03	Over the Top Cycles 1	\$147.38
79	8/19/03	Pro Form Supplies 4	\$170.96
166	11/7/04	Rock Steady 4	\$517.50
173	6/8/04	Act N Up Fitness 1	\$335.34
185	6/10/04	Up and Up Co. 2	\$397.44
196	12/1/04	Mountain Madness 5	\$61.41
202	3/20/04	Fresh Air Co 2	\$331.20
210	2/25/04	Vacation Central 3	\$397.44
212	9/19/04	Clear Valley Waters 5	\$364.32
588	8/17/05	GO Outlet Paris	\$151.30
594	4/15/05	Vacation Central 3	\$163.10

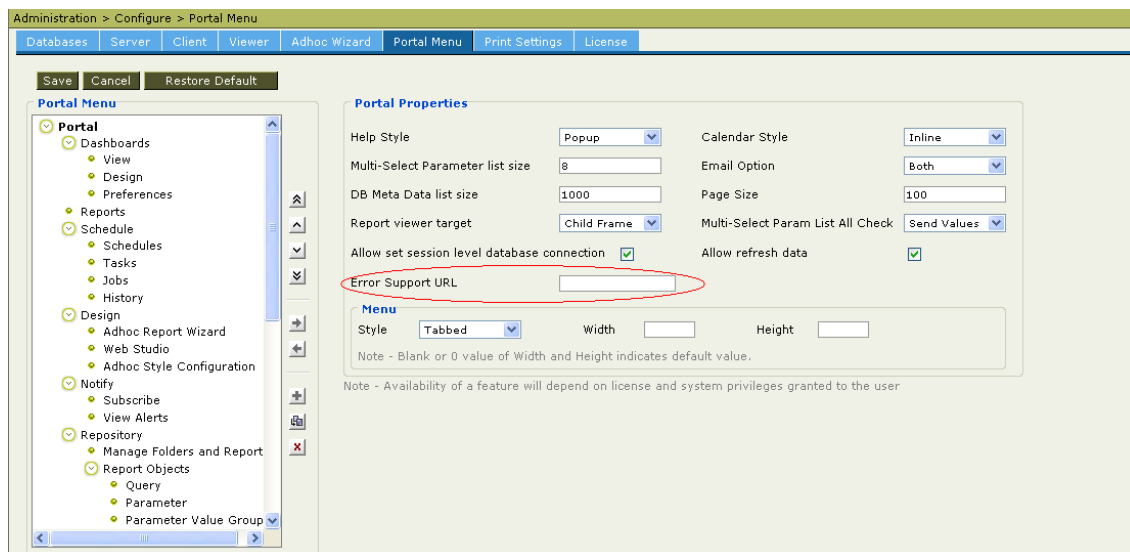
Enhanced Error Reporting

Now, you can view detailed error messages. This would help in better understanding of the error, and could also help in taking corrective actions for the error.



Further, there are plans to provide an error database for all errors on the Intellicus support portal in immediate future. This would be accessed by the end users if they need to find more details about the error being encountered.

The error numbers could be configured to have a hyperlink and point to this database. This can be done by specifying the "Error Support URL".



Empty value of the property denotes that the error numbers should not become a hyperlink.

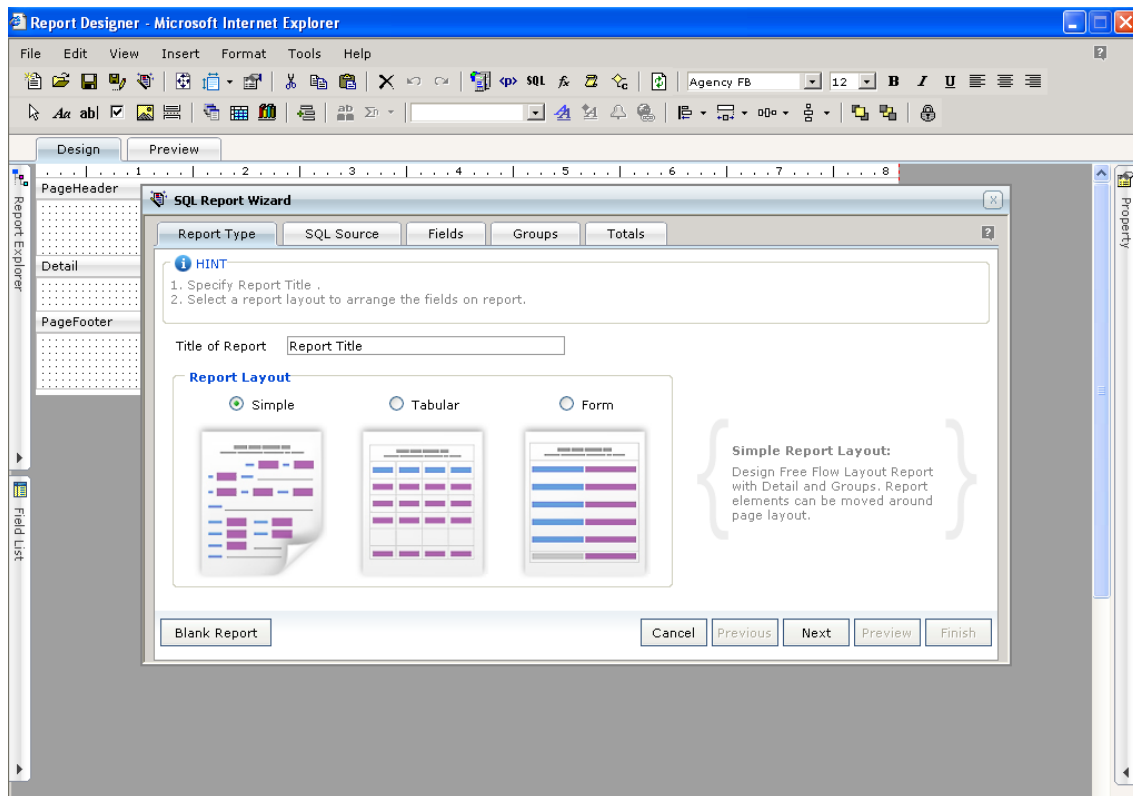
Note : Currently, keep the value of URL as blank.

Web Studio Enhancements

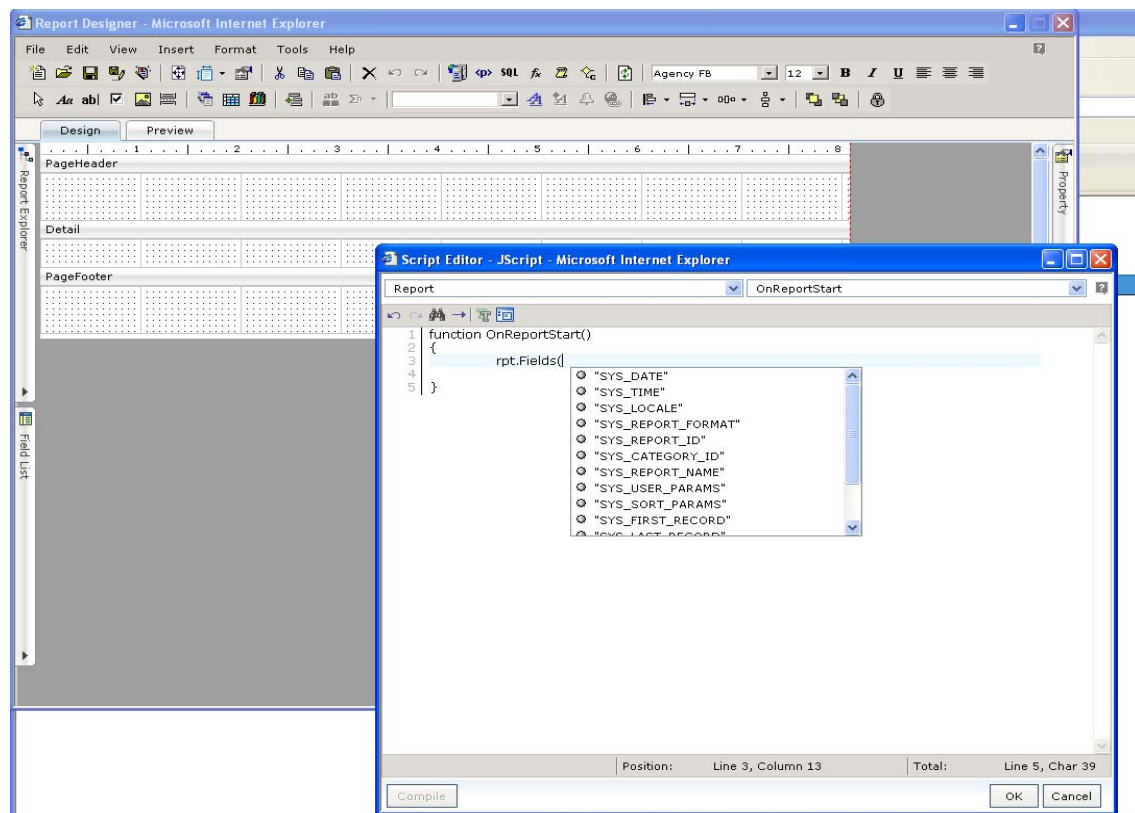
Web Studio has been enhanced. Some of the enhancements, besides fixes, are as follows:

- Look and feel of Report Explorer
- Look and feel of Field List
- Look and feel of section header images
- Look and feel of Design & Preview tab
- Designer background color
- Look and feel of Wizard

SQL Report Wizard invoked from Web Studio



Enhanced Script Editor



Internationalization (i18n)

Support unicode characters in more Intellicus entity names

Many entities support Unicode characters. Some of the places where the support has been added/enhanced are

- Report name
- Report description
- Query object name
- Query object's column caption.
- Quick job name
- Save file Name- from scheduler as well as report operation
- Schedule name
- Task Name
- Job name
- Dashboard Name
- Dashboard description
- Organization name
- Organization description
- User name

- User description
- Category name

18

Minor Release 4.3 SP1

This release addresses some of the issues found in version 4.3 and also undertakes the following enhancements.

Enhancements

ID	Description
WS#1044	Web Studio Resource bundle support is enhanced. This enhances the coverage of localization support within the Web Studio.

Note : Please note that Web Studio is not certified to be used with FireFox 3.0.

Issues Fixed

Web Client

ID	Description
WC#4630	Sort functionality not working in Adhoc reports.

Report Engine

ID	Description
RE#4575	Failed to export a report containing gauge chart with zones.
RE#4603	NullPointerException in executing simple query in multiset scheduling.

Desktop Studio and CVista

ID	Description
DS#2923	"Metadata caching is in progress" exception raised by Report Server is not properly handled at Studio side.
IC#129	Studio fails to execute the query if it is returning Binary data.
IV#449	Cvista Viewer is not showing the Vertical scrollBar.

Minor Release 4.3 SP2

This release addresses the following issue:

Issues Fixed

Web Client

ID	Description
DEF355	<p>Dashboard resizing Issue:</p> <p>When the dashboard window is resized, the widgets in dashboards are not resized causing usability issue.</p> <p>This is now resolved.</p>

Minor Release 4.4

New Platform Support

MSSQL 2008 database

This release is certified to be used with MSSQL 2008 as a repository and report Database.

Note: Please note that you need to download the required database drivers for mySQL The details are available in Installation & Configuration Manual. MS-SQL 2008 is certified using MS-SQL 2005 database driver.

Report Designer Enhancements

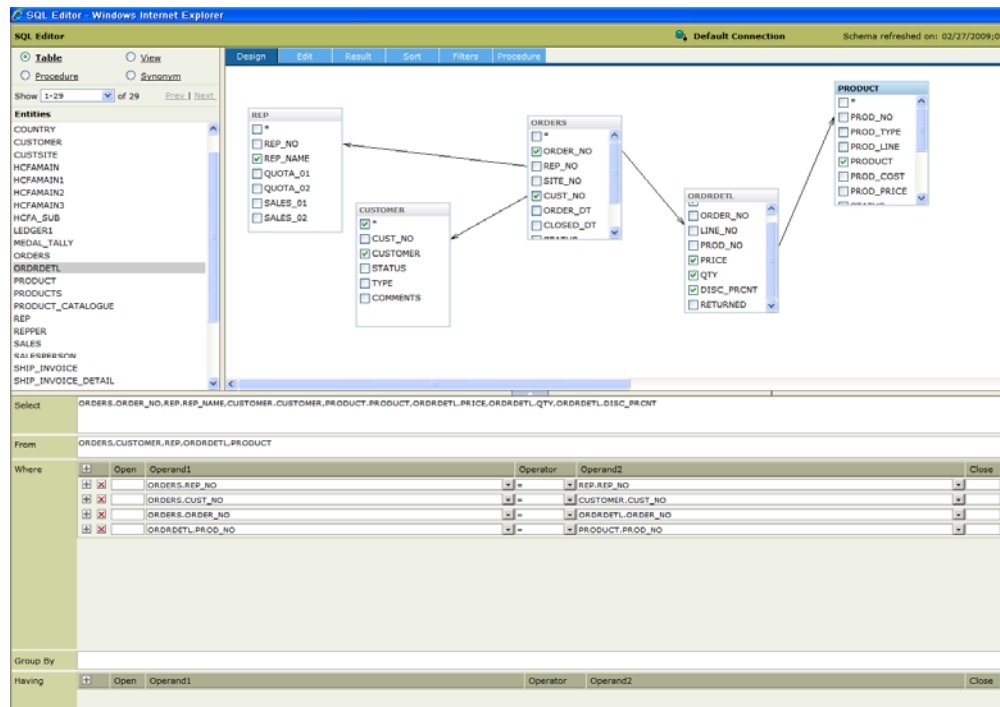
SQL Diagram Editor

This release introduces the SQL Diagram editor within the Web based SQL editor. This diagram editor makes the generation of report SQL an easier task with more visual designing and drag-and-drop options.

It can now be done in a few clicks and the manual SQL writing can be minimized.

Using SQL Diagram Editor

Linking Tables



There are two areas on the designer – Design Area(Canvas) and the Clause Area.

The Canvas allows drag-and-drop of the entities – tables, Views, Procedures from the Entities list.

The joins between the tables can be created by dragging-and-dropping of the joining fields on the target table.

For example, to create a join between the Order and OrderDetails table, drag-and-drop the Order_No field from Order table to the OrderDetails table's Order_No field.

Linking Parameters to the SQL

SQL Diagram Editor provides facility of using the created Parameters for joining in the SQL.

For e.g. a Parameter, say prmProLine, has already been created, then this parameter can be used to join with Product table to see the orders from the product line

SQL Editor ReportDB Schema refreshed on: 03/04/2009;11:42

Table View
Procedure Synonym

Show 1-29 of 29 Prev Next

Entities

- HCFAMAIN1
- HCFAMAIN2
- HCFAMAIN3
- HCFA_SUB
- LEDGER1
- MEDAL_TALLY
- ORDERS
- ORDRDETL
- PRODUCT**
- PRODUCTS
- PRODUCT_CATALOGUE
- REP

[PARAMETERS]

- <%prmProLine%>
- <%prmCountry%>
- <%prmEMP%>
- <%prmEmpNo%>
- <%prmorder_no%>
- <%prmProLine%>
- <%prmProType%>
- <%prmrep%>

PRODUCT

- ☒ *
- ☐ PROD_NO
- ☐ PROD_TYPE
- ☐ PROD_LINE
- ☐ PRODUCT
- ☐ PROD_COST
- ☐ PROD_PRICE
- ☐ STATUS

Select ACCOUNT.*,PRODUCT.*

From ACCOUNT,PRODUCT

Where

Open	Operand1	Operator	Operand2	Close	Relation
<input checked="" type="checkbox"/>	PRODUCT.PROD_LINE	=	<%prmProLine%>		

Group By

Having

Order By

Drag drop entities and attributes into SQL clauses. Design SQL clauses here, Full SQL will be constructed

OK Cancel

Filter Parameter Default Values

Now you can specify the complete filters information i.e. field name, field data types and their default values while designing Standard Reports.

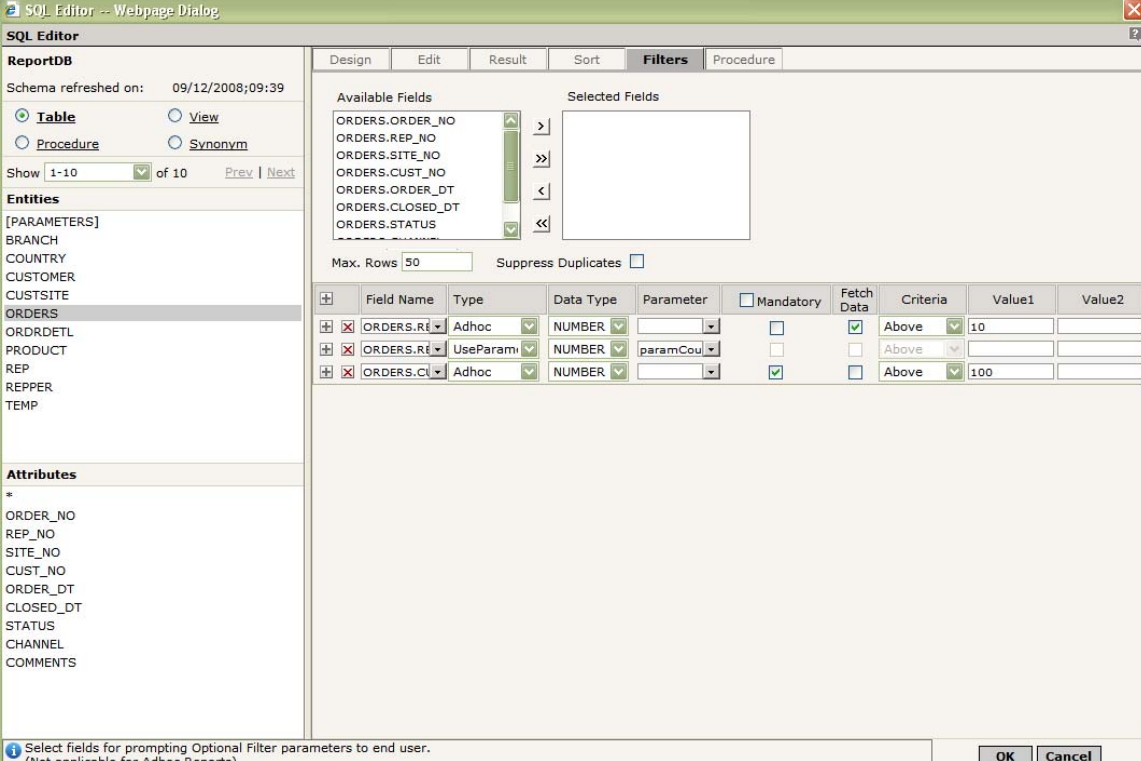
Earlier, you could only specify the field name and data type and the user, while running the report had to specify the operators and the values.

This enhancement helps the Designers to specify the details of the filters at design time only. The users can choose to change the default values while running the report.

Also, the ability to specify Max Rows restriction is also available.

The designer can also choose to specify only the partial filter information like field name ,field data type and operator. The user can then specify the value while running the report.

The designer can also specify if consecutive duplicates need to be suppressed.



SQL Editor -- Webpage Dialog

SQL Editor

ReportDB

Schema refreshed on: 09/12/2008;09:39

☒ Table ☐ View ☐ Procedure ☐ Synonym

Show 1-10 of 10 Prev Next

Entities

[PARAMETERS]

BRANCH

COUNTRY

CUSTOMER

CUSTSITE

ORDERS

ORDRDETL

PRODUCT

REP

REPPER

TEMP

Attributes

*

ORDER_NO

REP_NO

SITE_NO

CUST_NO

ORDER_DT

CLOSED_DT

STATUS

CHANNEL

COMMENTS

Available Fields

Selected Fields

ORDERS.ORDER_NO

ORDERS.REP_NO

ORDERS.SITE_NO

ORDERS.CUST_NO

ORDERS.ORDER_DT

ORDERS.CLOSED_DT

ORDERS.STATUS

Max. Rows 50 Suppress Duplicates ☐

	Field Name	Type	Data Type	Parameter	Mandatory	Fetch Data	Criteria	Value1	Value2
+	ORDERS.REP	Adhoc	NUMBER		<input type="checkbox"/>	<input checked="" type="checkbox"/>	Above	10	
+	ORDERS.RE	UseParam	NUMBER	paramCou	<input type="checkbox"/>	<input type="checkbox"/>	Above		
+	ORDERS.CL	Adhoc	NUMBER		<input checked="" type="checkbox"/>	<input type="checkbox"/>	Above	100	

Select fields for prompting Optional Filter parameters to end user.
(Not applicable for Adhoc Reports)

OK Cancel

Scripting in SQL

Intellicus introduces Scripting within the SQL to provide much more flexibility than before.

Thus, based on specified conditions in the script, the SQL can be made dynamic.

The script support is a JavaScript code. It has Begin and End tags, `<@%` and `@%>`, respectively, to help Report Server identify and execute the script.

The script can be used in many different ways to derive maximum flexibility.

Scripting Usage

Script Execution

The script can be used to construct or re-construct the SQL statement just before its execution.

The script executes and the script can evaluate the parameter values in its scope and return the string that is replaced in the place of the script text in the SQL.

Scope of variables

All Report parameters' and system parameters' value property will be available for READ-ONLY.

All variables declared inside the script will be local to this execution only.

Resultant SQL Statement

Based on the script execution, the resultant SQL statement will be formed and the formed SQL will go for execution on data base.

Examples

Some examples are,

Example 1 : We want to select the employees based on employee numbers if the employee numbers are present in the Parameter *prmEmpNo*, else all employees should be selected.

```
Select * from emp where 1=1
<@%
if(params("prmEmpNo") != null &&
params("prmEmpNo").getValue() != "")
{
    return " AND empno in <%prmEmpNo%>";
}
else
{
    return "";
}
```

```
}  
%@>
```

Example 2: Selection from table based on value of a parameter.

```
Select * from  
<@%  
if (params("prmProductName").getValue() == "Sun Shelter-8")  
{  
return ' [dbo].MYPRODUCTSALES';  
}  
else  
{  
return '[dbo].OTHERPRODUCTS'  
}%@>
```

Example 3: Passing parameter to a procedure

```
<@%  
if(params("p_EmpNo") != null)  
{  
    return "EMP_DETAILSWITHARG <%p_EmpNo%>"  
}  
return "EMP_DETAILS"  
%@>
```

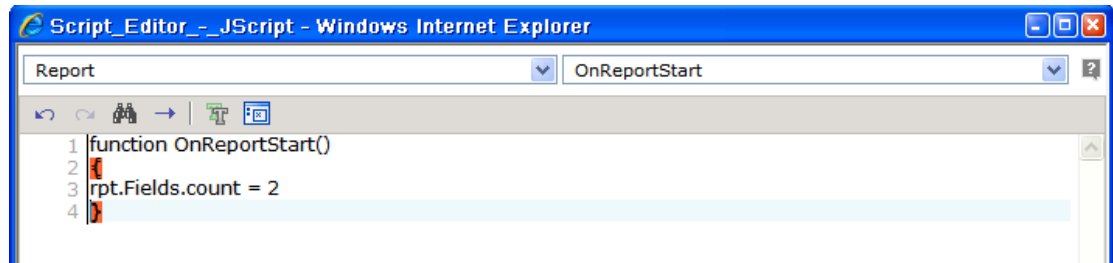
Rich Script Editor

This version also enhances the script editors, available at various places. This will help you in doing the tasks faster.

This enhancement includes, availability of the following helpful features:

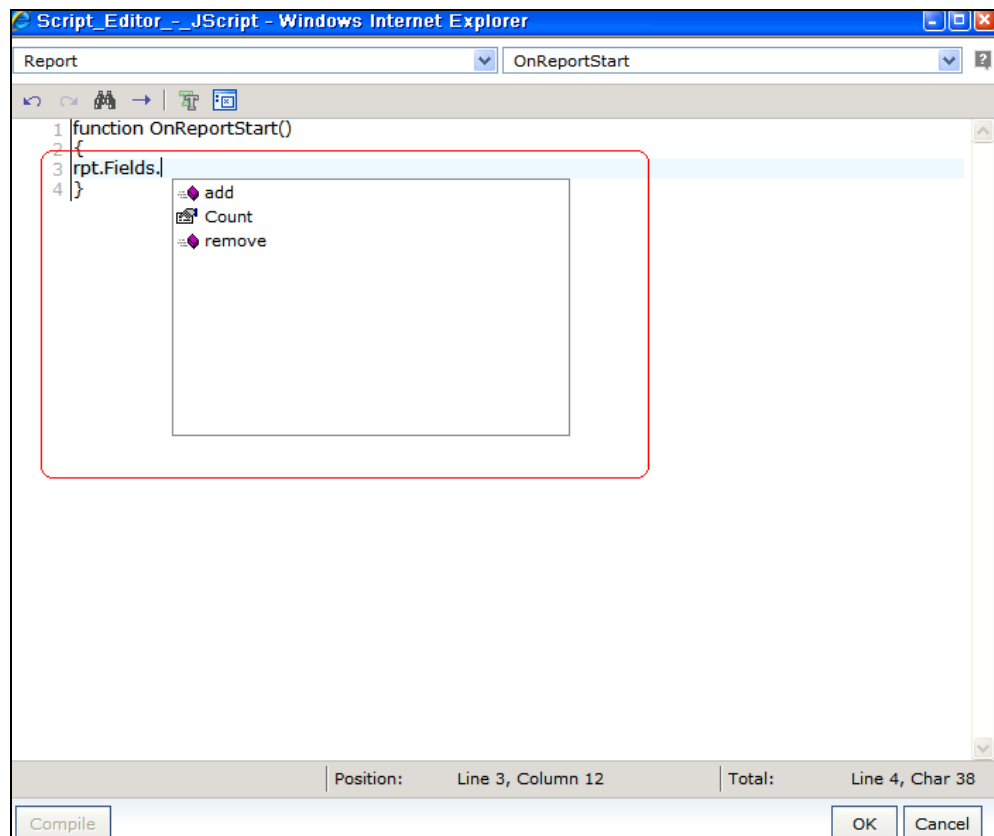
Programmers' Utilities

- Line numbering
- Undo-Redo
- Bracket-matching



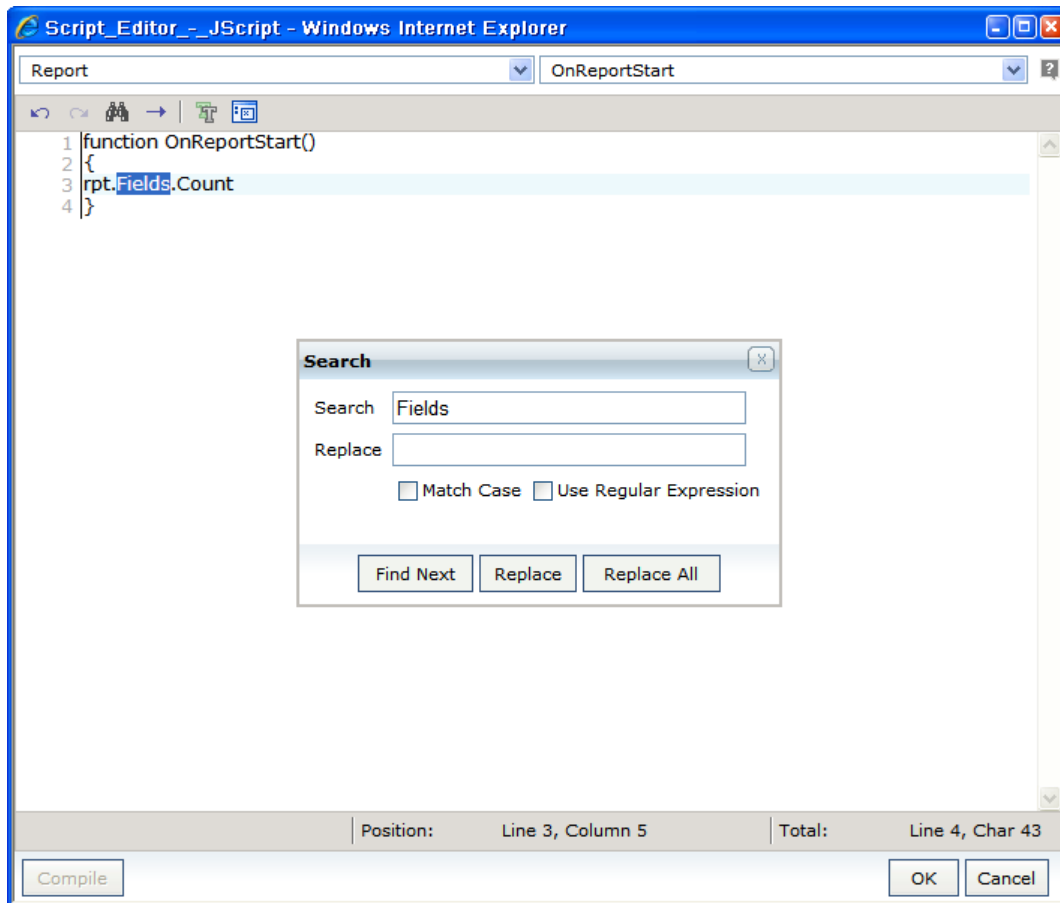
Syntax Assistance

- Context Sensitive lists – list the various attributes, fields when you place the "dot" to specify the same.



Search

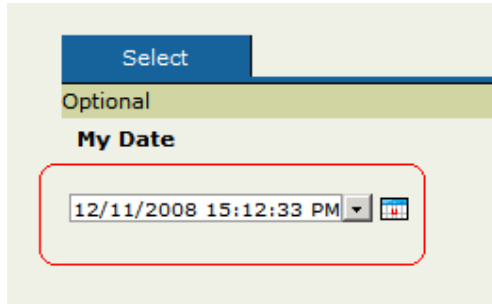
- Ability to Search within the script editor



Parameter Enhancements

Entering Date and Time

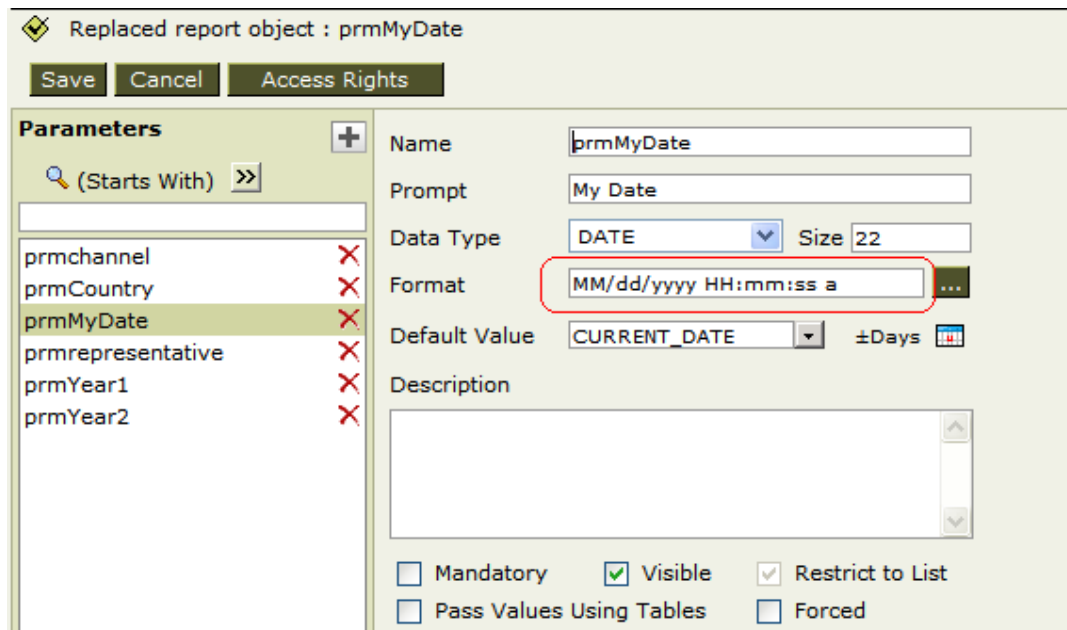
This release provides the enhancement to include the Time part in Date type parameters. Once set in the Parameter Object, the user can then enter the Date Time value on the parameter form to run the report. The time part was not being included earlier.



The screenshot shows a parameter form with a 'Select' button at the top. Below it, the parameter is labeled 'Optional' and 'My Date'. A text box contains the value '12/11/2008 15:12:33 PM' and a small calendar icon to its right. The text box is highlighted with a red rectangle.

Note: The Time part is editable, to provide specific time.

Designing the Date type parameter, for DateTime Format:



The screenshot shows the 'Replaced report object : prmMyDate' dialog box. It has 'Save', 'Cancel', and 'Access Rights' buttons at the top. The 'Parameters' section on the left lists several parameters, with 'prmMyDate' selected. The right side of the dialog shows the configuration for 'prmMyDate':
Name: prmMyDate
Prompt: My Date
Data Type: DATE (dropdown), Size: 22
Format: MM/dd/yyyy HH:mm:ss a (text box, highlighted with a red rectangle)
Default Value: CURRENT_DATE (dropdown), ±Days: [checkbox]
Description: [text area]
At the bottom, there are checkboxes for 'Mandatory', 'Visible' (checked), 'Restrict to List', 'Pass Values Using Tables', and 'Forced'.

Pass thru Table for all Parameter Types

In previous version designers could set pass thru table option only on Combo type multi-select parameters.

Now, designers can set pass thru table option on all parameters.

Linked Parameters – Child selection

This releases enhances the usability of the Linked parameter with respect to the default selections being honoured.

If the child parameter value selection is not disturbed, then on every refresh of child parameter due to change in the parent parameter, the child parameter would populate default values.

Parameters based on linking i.e. Child parameters, are selected based on default selections- “All” in this case:

Report Parameters

Report Name : All Country Sales - Linked Prompt

Auto Refresh Nested Parameter ☒

Run Now Reset (Select Form)

Select

Mandatory

Choose the Product Type: (3/3 selected) All

Audio Systems
Home Accessories
Mobile Devices

Choose the Product Line: (11/11 selected) All

Charger
Cover
EarPhone
MP3 p1
Recycled Products
Sunblock
VCD P
Water Purifiers

Product Name: (35/35 selected) All

RiverKind Shampoo
RiverKind Soap
RiverKind Detergent
Sun Shelter-8
Sun Shelter-15
Sun Shelter-20
Pro-Lite Water Filter
Pocket Water Filter

Run Now Reset Save Form As

Parameter Product Type changed; the default “All” selection is honoured for child Parameter “Product Line”:

Report Name : All Country Sales - Linked Prompt

Auto Refresh Nested Parameter ☒

Run Now Reset (Select Form)

Select

Mandatory

Choose the Product Type: (1/3 selected) All

Audio Systems
Home Accessories
Mobile Devices

Choose the Product Line: (5/5 selected) All

Alert Devices
Bio-Friendly Soaps
Recycled Products
Sunblock
Water Purifiers

Product Name: (14/14 selected) All

RiverKind Shampoo
RiverKind Soap
RiverKind Detergent
Sun Shelter-8
Sun Shelter-15
Sun Shelter-20
Pro-Lite Water Filter
Pocket Water Filter

Run Now Reset Save Form As

Ad hoc Reporting Enhancements

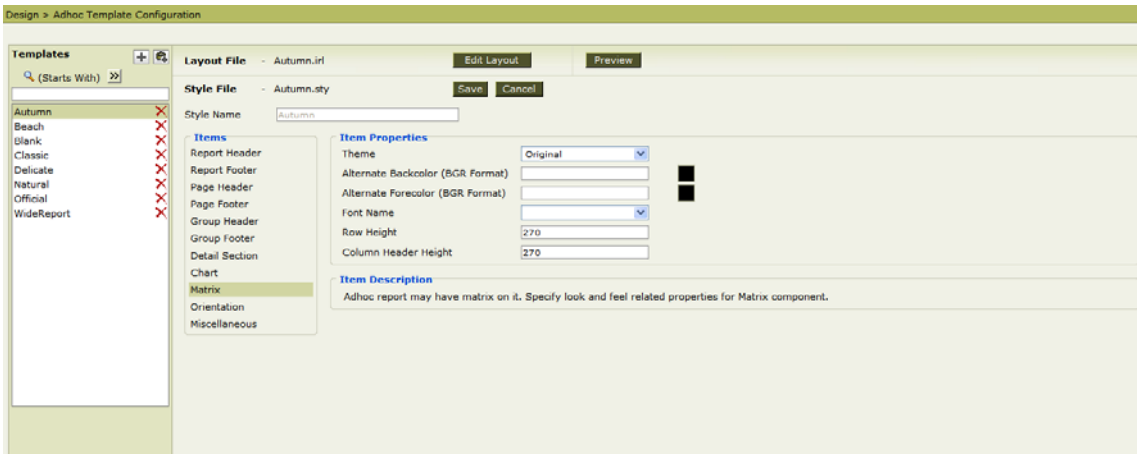
Ad hoc Template Configuration Screen

An Ad hoc template has two parts – 1) Style and 2) Layout
These are stored in .STY and .IRL files respectively, with the template name as the file name.

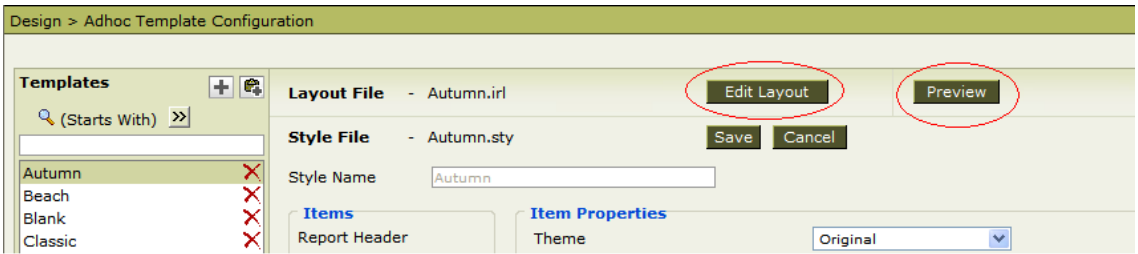
Earlier, Ad hoc template configuration allowed you to edit the Style of an existing template. Adding new style and adding or replacing layout file was to be performed manually.

This release introduces the all-new Ad hoc template configuration. This screen has Ad hoc Style and Ad hoc Layout designer capabilities. The screen also provides a “Preview” option to Run an Ad hoc report using the selected Template.

The Screen

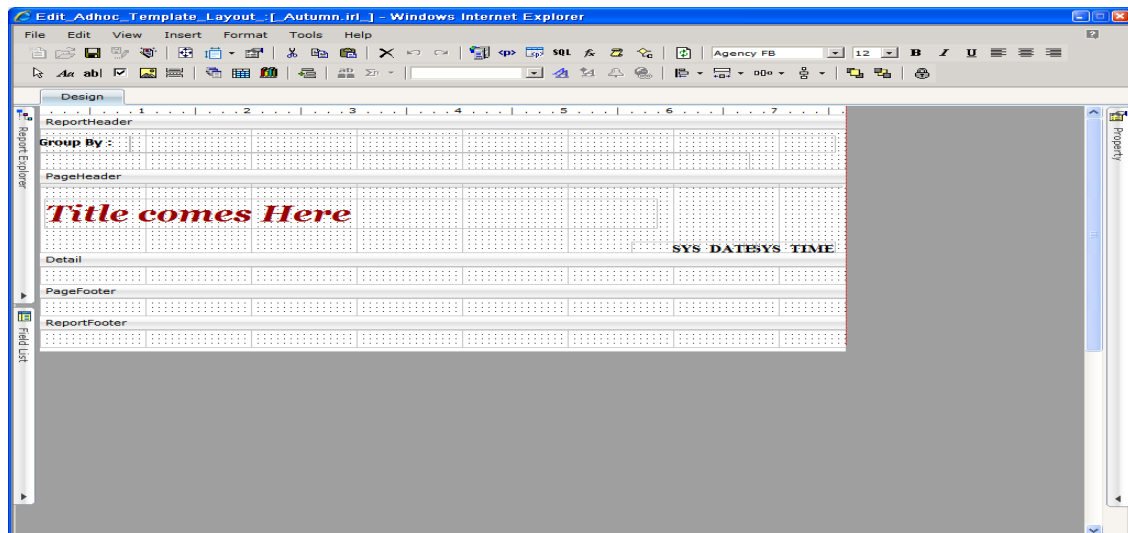


On selecting the Edit Layout button, the template opens in Web Studio. This facilitates changing the layout and saving it.



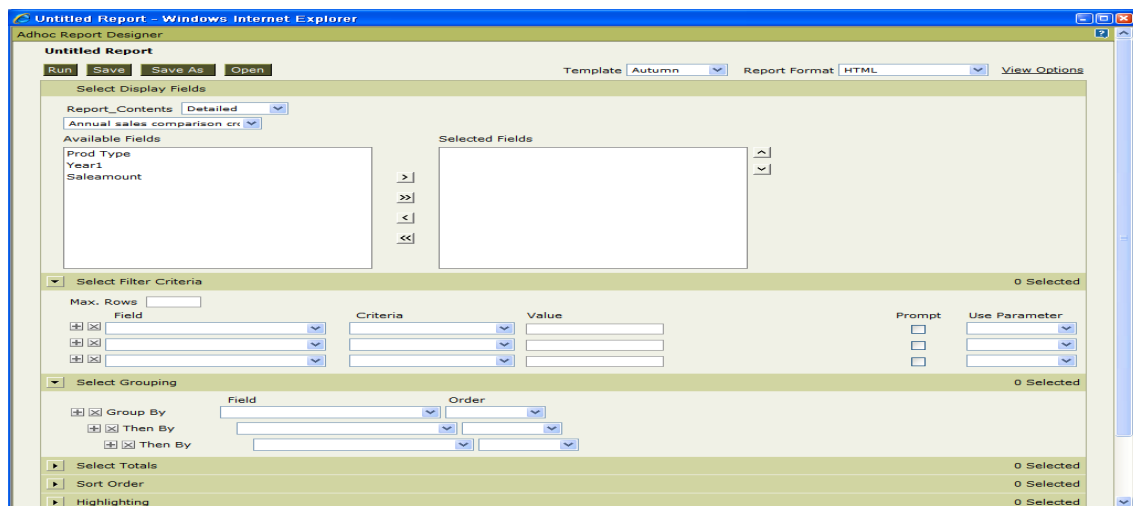
Editing Layout

Layout file (.irl) opens in Web Studio to facilitate layout changes.



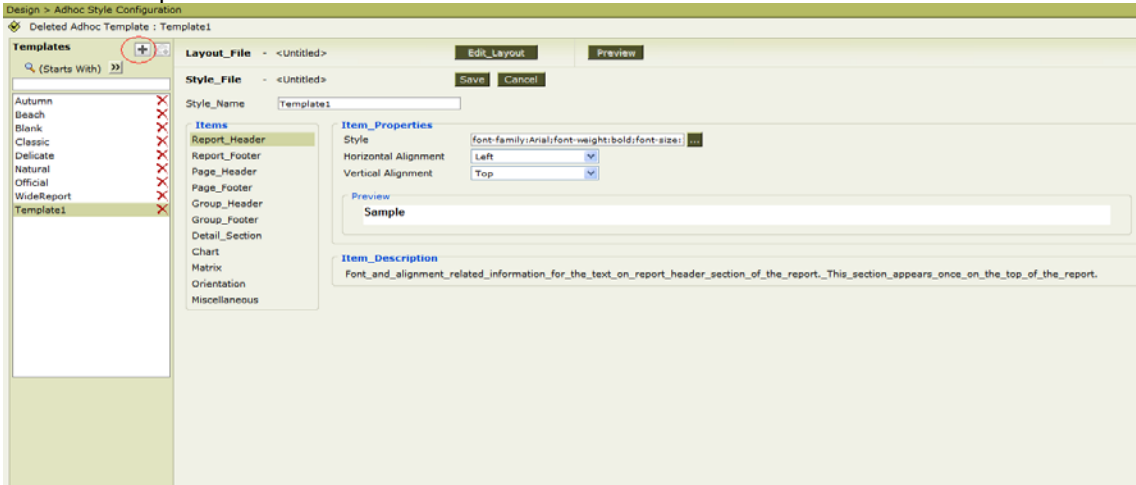
Preview

On Previewing the Layout file, the Ad hoc Wizard opens with the selected Template. The report can be run using the wizard to check the look and feel.



Create new template

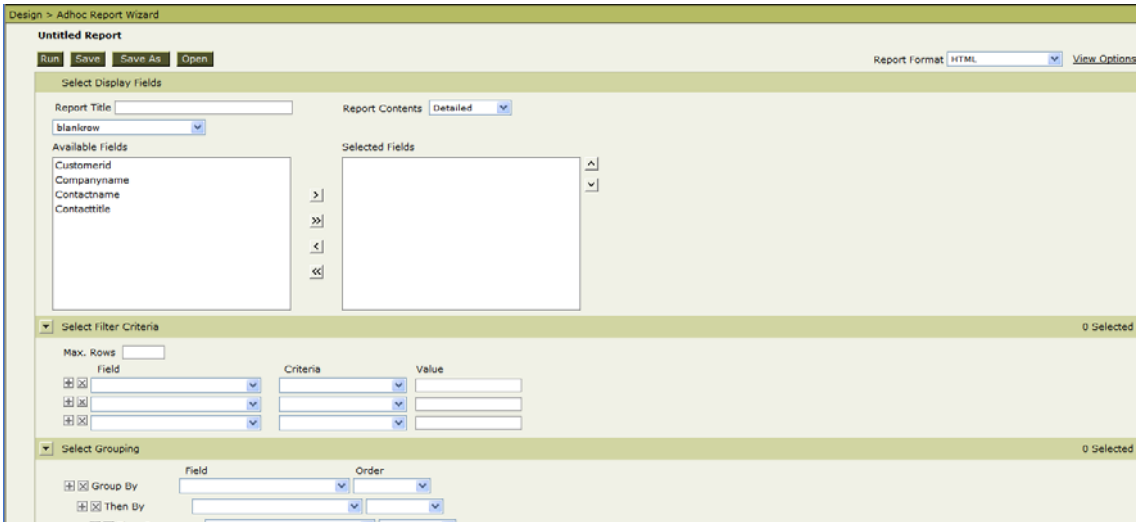
A New Template can also be created from this screen.



User given Report Title

End User given Title on Report

Now you can set the Report Title while using the Ad hoc Report Wizard. Earlier the report title was picked from report name (when saved) or from Query Name (when untitled). Now, the exclusive Report Title entered by end user overrides the title inherited by either report name or query name.



Configuration

Configuration for allowing option to set Report Title.

Ad hoc Matrix Row height and column width

Now, the user can specify the height and width of the rows and column headers of the matrix. This provides more flexibility in controlling the Ad hoc matrix output.

Administrative Enhancements

SaaS Enhancements - Organization Level Settings

Currently, all the configuration settings, for

- Adhoc Report Wizard,
- Portal Menu, and
- HTML Viewer

are applicable system-wide.

This release enables such configurations, i.e.,

- Adhoc Report Wizard,
- Portal Menu, and
- HTML Viewer

to be made applicable to the User/Role/Organization levels.

This would be of particular interest to SaaS deployments.

This configuration setting is governed from their respective property files i.e. `adhoc.properties` for Adhoc Configuration, `HtmlToolBar.properties` for HTML Toolbar configuration and `Portal.xml`, `PortalUseCases.xml` for Portal Menu Configuration.

Note: Only a Super Admin can apply these configurations for the various levels – User/Role/Organization.

The priority sequence for application of the configurations is the following :

Highest -> lowest

User Level -> Role Level -> Organization Level -> System Level

You can set this configuration from the Administration->Configure->Adhoc Wizard. The configuration can be "Saved For" someone – either User/Role/Organization.

Similarly, the configuration could be "deleted For" someone – User/Role/Organization.

Fig : Showing the Options available from Administration screen.

Administration > Configure > Adhoc Wizard

Databases | Server | Client | Viewer | Adhoc Wizard | Portal Menu | Print Settings | License

Configuration Settings for System

Save | Open | Delete | Cancel

Save | Save For | Delete | Delete For

☒ Report Output Format Selection ☒ Show Option to Hide Report Details Show Calendar as: Inline

Show Help: COMMON ☐ Show Option to Set Template Default Template: Blank

Default Selected Output Format: HTML ☐ Auto-Resize Field Drop Down Width Default Width of Field Drop Down: 200

Multipage Prompt: BASIC Viewer Frame: Integrated ☒ Show Option to Set Report Title

Report Output Formats

	>>	HTML
	>	ACROBAT PDF
		MS EXCEL
	<	COMMA SEPARATED
	<<	TEXT
		MS WORD
		INTERACTIVE
		WUSTE

Default Expanded Designer Tabs

	>>	TOTAL
	>	SORT
		MATRIX
	<	CHART
	<<	HIGHLIGHT

	>>	SELECT
	>	FILTER
		GROUP

Data Source

☒ Show Filters

Filter Operators

☒ Show Groups

On selecting "Save For", you will be able to select the Organizations , Roles and Users, for whom the settings need to be saved for.

Save Configuration

Select Entity(s)

<input type="checkbox"/>	System
<input type="checkbox"/>	All User Role Org
<input type="checkbox"/>	Auto_Intellica
<input checked="" type="checkbox"/>	Auto_Org_With_User_Role
<input type="checkbox"/>	NormalUser1
<input type="checkbox"/>	NormalUser2
<input type="checkbox"/>	*Auto_Role1
<input type="checkbox"/>	*Auto_Role2
<input type="checkbox"/>	Intellica
<input type="checkbox"/>	New Org
<input type="checkbox"/>	TeamA

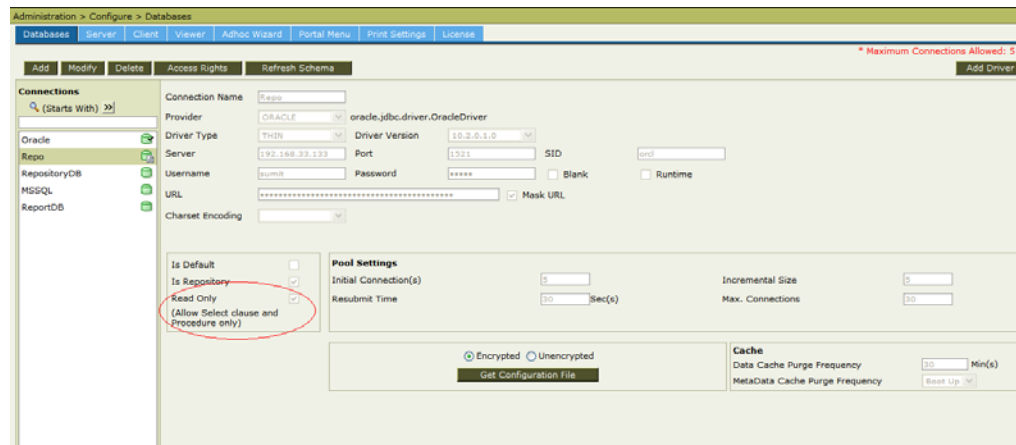
OK Cancel

*=Role

Similarly, you can delete the setting for an Organization/Role or User, using "Delete For" option.

Read only Connections

Now, you can mark a connection as read only. This ensures that report designers cannot execute any other SQL except Select statements and Procedures on this connection.



Advanced Properties on Report

Currently, Intellicus allows users to specify options while performing various operations on reports in various formats.

These options contain system parameters as well as format properties. System parameters are common options applicable for all the report formats while format properties are specific properties for some formats.

These options are requested at runtime and depending upon these, reports are generated varyingly.

Now, these options persist along with the report and govern the behavior while generating reports

Following are the new entity level properties added.

- Run Priority
- Query Execution
- Sort Area Size Per Exec
- Sort Threads Per Exec
- Cache

Properties ?	
<div> <div>Set</div> <div>Reset</div> </div> <div> <div> <div></div> <div>Advanced Properties will be saved on saving the Report Properties.</div> </div> </div>	
Audit Log	(Default) ▾
Run Priority	(Default) ▾
Database Connection Timeout	<input type="text"/>
Data Source Fetch Size	<input type="text"/>
Max. Rows	<input type="text"/>
Query Execution	(Default) ▾
Restrict To Background	(None) ▾
Restrict To Formats	<div> <div>(None)</div> <div>ACROBAT PDF</div> <div>COMMA SEPARATED</div> <div>HTML</div> <div>INTERACTIVE</div> <div>JVISTA</div> </div>
Default Memory Usage Per Exec	<input type="text"/>
Report Server Chunk Timeout	<input type="text"/>
Sort Area Size Per Exec	<input type="text"/>
Sort Threads Per Exec	<input type="text"/>
<div> <div></div> <div>Cache</div> </div>	(Default) ▾

Client Administration – Testing connectivity with Report Server

Now, you can Test connectivity with the Report Server, when you specify the Report Server IP and Report Server Port.

Administration > Configure > Client	
<div> <div>Databases</div> <div>Server</div> <div>Client</div> <div>Viewer</div> <div>Adhoc Wizard</div> <div>Portal Menu</div> <div>Print Settings</div> <div>License</div> </div>	
<div> <div>Save</div> <div>Cancel</div> </div>	
Web Component	
Report Server IP	<input type="text" value="127.0.0.1"/>
Report Server Port	<input type="text" value="45450"/>
Report Server Time Out	<input type="text" value="600"/>
HTML Viewer Time Out	<input type="text" value="30"/>
Report Server Chunk Time Out	<input type="text" value="600"/>
<div>Test Connection</div>	
Logging	
Logging Enabled	Yes ▾
Log Level	ERROR ▾
<div> <div>Purge Log</div> <div>Download Log</div> </div>	

Optimizations

This release also implements some optimizations.

Some of these are in the area of

- 1) Sorting performance,
- 2) RPG file size reduction and
- 3) Native Thread usage optimization.

Security Enhancements

SSO

Some enhancements have been introduced in SSO APIs.


These include adding APIs to set system privileges for users created using SSO library calls.

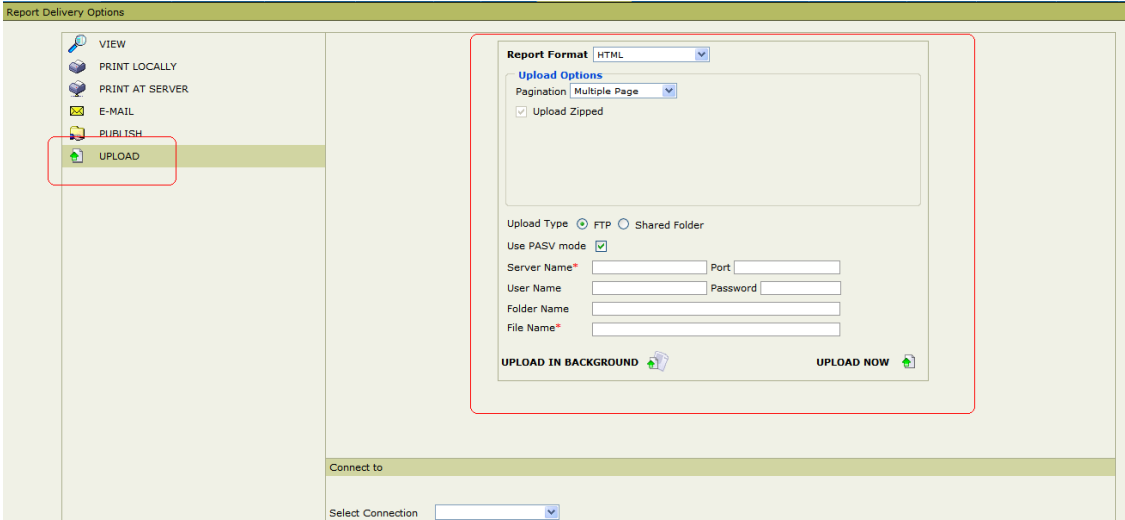
End User Enhancements

Upload Option on Run Report screen and HTML Toolbar

Now, the Upload options – FTP and Shared Folder are available from the HTML Toolbar and the Run Option.

Run Option

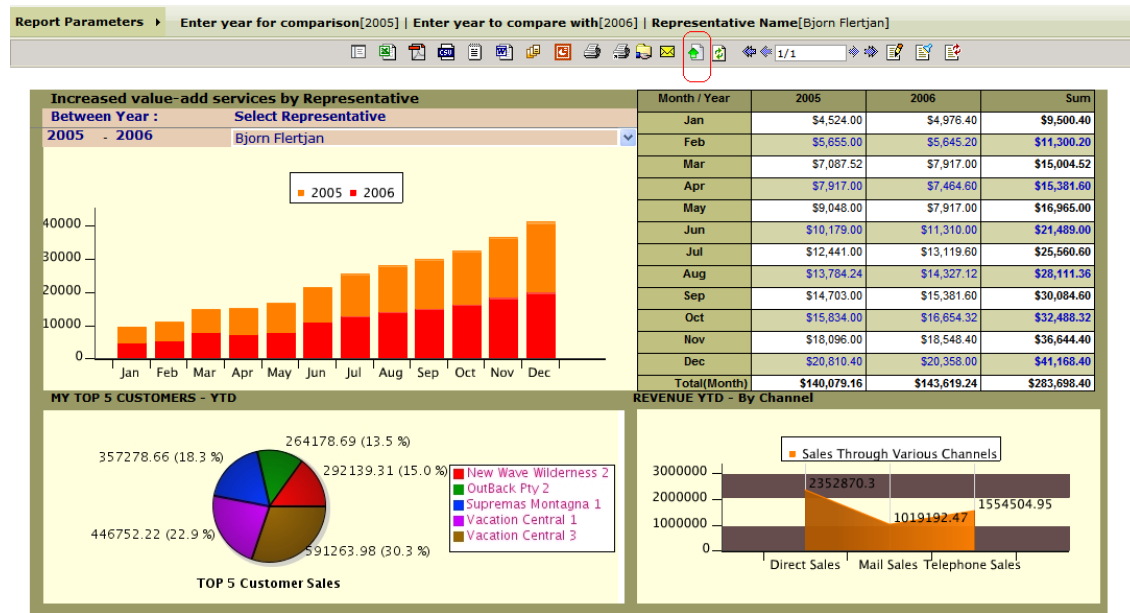
On selecting the  icon from Report Listing, you can choose the Delivery options. Now, Upload is also available. This option enables you to choose the upload option as either FTP or Shared Folder.



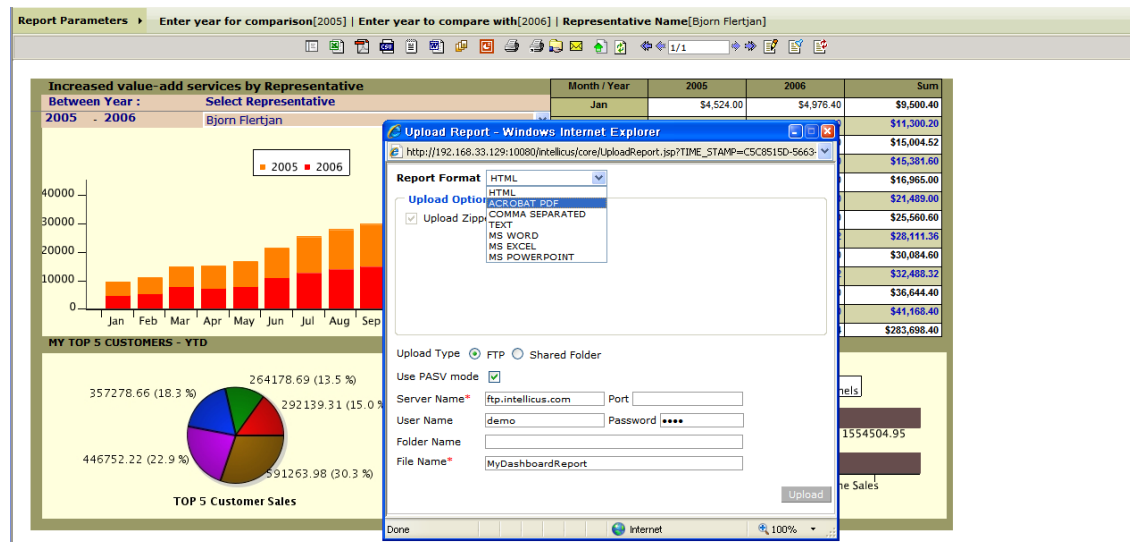
Using this screen, you can either choose to Upload at the same time(Now) or Upload in Background.

HTML Toolbar

The option to upload is also available when you have run the report.



Choosing to Upload, you can specify the option – FTP or Shared Folder and supply the required information to complete the operation.



Cab deployer enhancements

There are some enhancements introduced for the Cab deployer.

Parameter Value Groups and User Parameter Preferences can be bundled for distribution and deployed at the target installation.

Bundling Parameter Value Groups and User Parameter Preferences

Import from Report server

Reports

- ☒ Categories
- ☒ Parameter Objects
 - ☒ Include Value Groups
- ☐ Dashboards
- ☒ Reports
- ☒ Query Objects
- ☐ Schedules
- ☐ Approval Processes

User Management

- ☒ Users, Roles and Access Rights
- ☐ User created Private objects
- ☐ Approval Rights
- ☒ User Preferences

Configuration >

- ☐ Connections
- ☐ Report Server Properties
- ☐ Adhoc Templates
- ☐ Printer Settings
- ☐ License File

<< Back Next >>

Information about deployment of Parameter Value Groups and User Parameter Preferences is available in log file created after deploying CAB file.

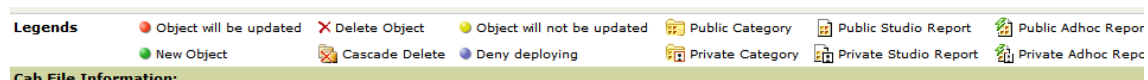
The Dashboard preferences are also being bundled now.

Also, Add and delete operations are now available for all objects except

- Web client property files and themes
- Plugin files
- Server configuration files

Earlier, only overwrite was being carried out.

Various legends for the different objects - Delete and cascade delete icons introduced.



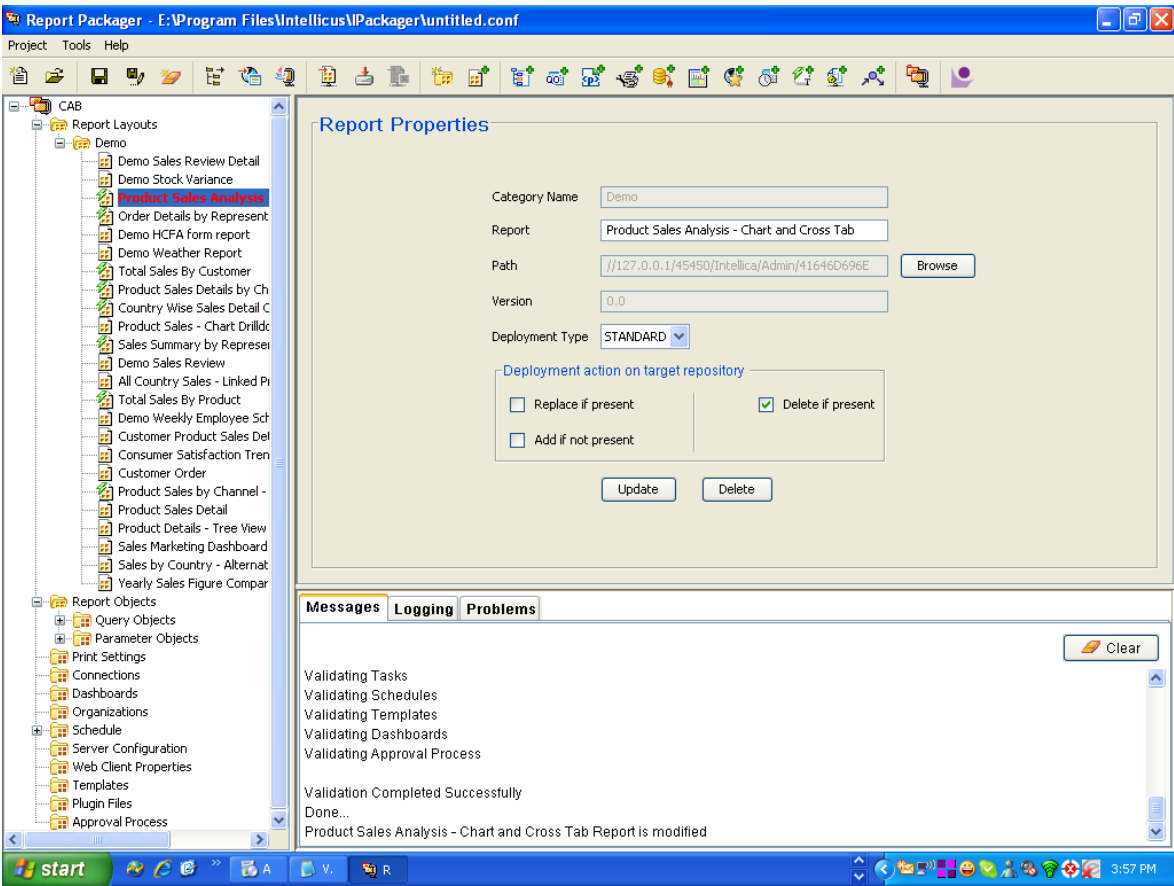
Options for category (Add, Delete)

Category

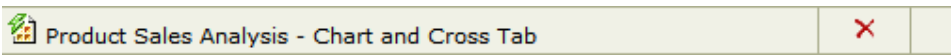
Deployment action on target repository

<input type="checkbox"/> Replace if present	<input type="checkbox"/> Delete if present
<input checked="" type="checkbox"/> Add if not present	<input type="checkbox"/> Cascade Delete

Options for Reports (Add, Delete)



Deleted entries have the following representation



Issues Fixed (4.4)

ID	Description
DEF 13	<p>Please provide facility in CAB building process to mark a report as replace only if exists. It means don't add a report and update this report if already exists.</p> <p>Added ADD,DELETE and CASCADEDELETE attributes in cab file. These will enable cab file to conditionally add, replace and delete bundled objects only when it is allowed by cab file.</p>
DEF 81	<p>Custom Date formats are not giving desired output on crosstab</p> <p>When we apply the custom date formats having time, like MM/dd/yyyy hh:mm AM/PM(provided in Intellicus drop down) from Studio> field properties > Output format for a date field in crosstab header, the output time is always shown as 00:00:00 AM, irrespective of the time being returned from database.</p>
DEF 158	<p>Displaying JS Error on Download Logs Screen.</p> <p>The system displayed JS Error on Download Log page. The behavior was observed when user manually delete ReportEngine.log and try to download logs from download logs page. The issue was identified on Solaris environment</p>
DEF 183	<p>Improper behavior of linked parameter.</p> <p>Create a report which uses the linked parameter; now create one linked parameter as multi select with default value "ALL".</p> <p>Now run the report when the parameter from get</p>

	loaded the multiselect linked parameter has value "ALL" as selected , now change the value of the parameter on which the parameter is dependent, the linked parameter will not select "ALL " as default value .
DEF 254	'Error occured in the system' message on Opening report having image in web studio on Linux and Solaris.
DEF 328	<p>Nullpointer on running a 4.3 report having filters with fetch data.</p> <p>open a report created in 4.3. The report should be designed through Edit tab and should have a filter with fetch data option true. Preview it. It gives Nullpointer exception.</p>
DEF 356	Dashboard widgets are not resized when window resize event occurs.
DEF 365	<p>Width of "Level" custom combo option DIV is not same as "Level" combo in Subscribe Detail usecase.</p> <p>Notify > Subscribe having "Adhoc Condition"(Highlighting)</p>

Known Issues (4.4)

ID	Description
DEF330	When we run a report with adhoc filter via scheduler, then this report execution appears in recent report list. And if we run the same report once again via recent report list, filters doesn't get applied on the report.
DEF497	XML parsing error on saving QO having parameterized stored procedure.
DEF 512	When we click on "Cancel" for an entity, configuration settings for system gets opened
DEF 524	Pass By Value Parameters not supported with Normal Parameter (not supported in Sub Queries) as Pass by table is implemented at Run time and SQL syntax should support 0 or more values for successful design.
DEF 577	java.lang.NullPointerException coming on Verifying script in Unbound chart in web studio
DEF582	[SQL Scripting]: Procedure Scripting is not supported from "Stored Proc" tab of SQL editor.
DEF676	Report fails to run if Client side filtering is to be applied for Date type fields if the selected filter is "in this day"
4536	Hyperlinks don't work when Flash chart is viewed in jvista and cvista viewers.

Minor Release 4.5

Browser Support

Mozilla Firefox 3.0

Mozilla Firefox 3.0 browser is supported for Web studio with some disclaimer. This is to suppress address bar by making settings in Firefox for proper functioning of Web studio.

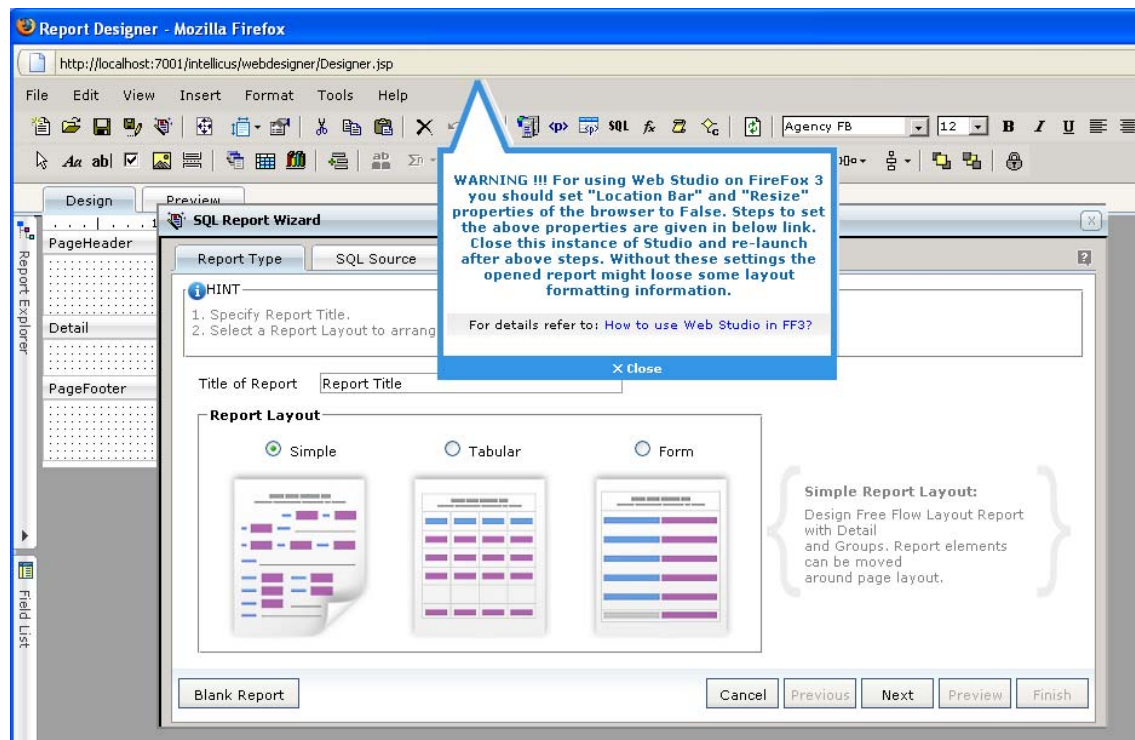


Figure1: Warning message for suppressing address bar in Firefox.

JRE Support

JRE 1.6

Intellicus Report Server can be started on JRE 1.6. Our setups will continue to ship JRE 1.5.

Ad hoc Reporting Enhancements

Top(N) support in Adhoc Chart

Intellicus has introduced feature to define Top(N) values in *Create Chart* section of Adhoc Report Wizard(Design > Adhoc Report Wizard). This feature provides facility to filter data on chart based on N highest values of summarized data (Y-axis).

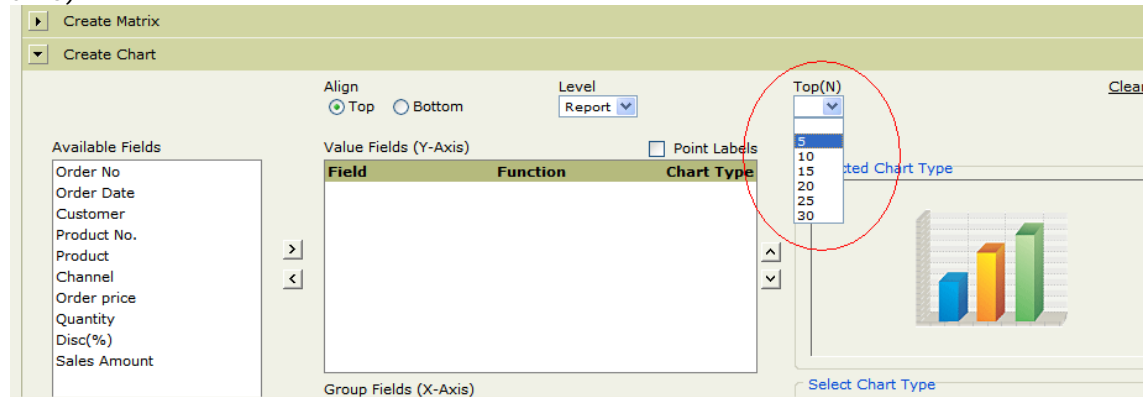


Figure2: Selecting Top(N) in Create Chart section of Adhoc Report Wizard.

Power Viewer picks grouped field for Show Chart

Show Chart feature is now available through Power Viewer. When a new chart is added using Power Viewer to a Adhoc report that has groups, then the field with the first level of grouping is displayed on X-axis of the chart. If the report is not grouped then the first listed Char or Date field is displayed on X-axis of chart.

For example, Product sales detail report is grouped by Order by date. When chart is added to this report by Show Chart option using Power Viewer, then plotted chart displays order date (Month) on X-axis.

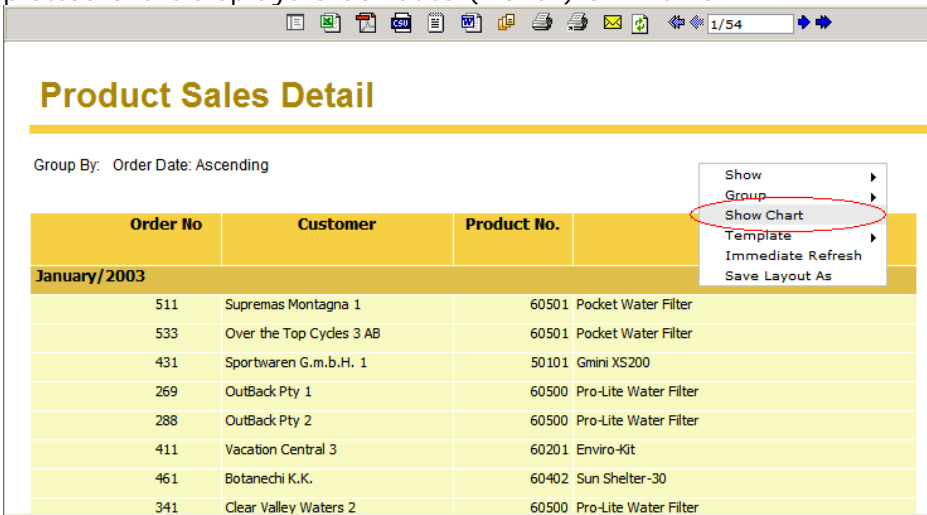


Figure3: Selecting Show Chart from Power Viewer on grouped report.

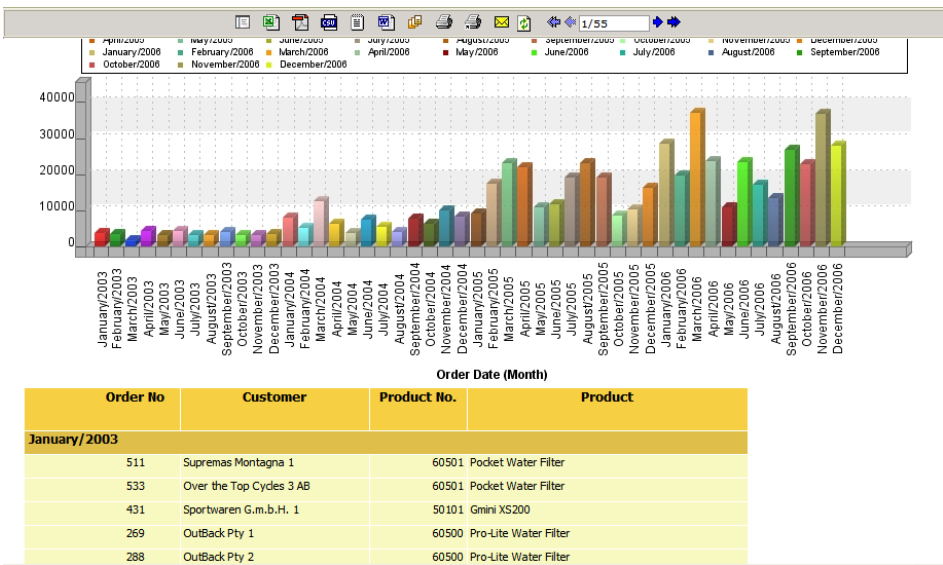


Figure4: Power Viewer picks grouped field for Show Chart

Report Designer Enhancements

Option to set Euro in Currency output format

Euro can be set as currency format in output format for numeric fields. This setting is available for the fields of a Query Object and for Web Studio.

Note: To get benefit of the feature run the application in UTF-8 mode. Database, Report Server and Web Server all need to run in UTF-8 mode.

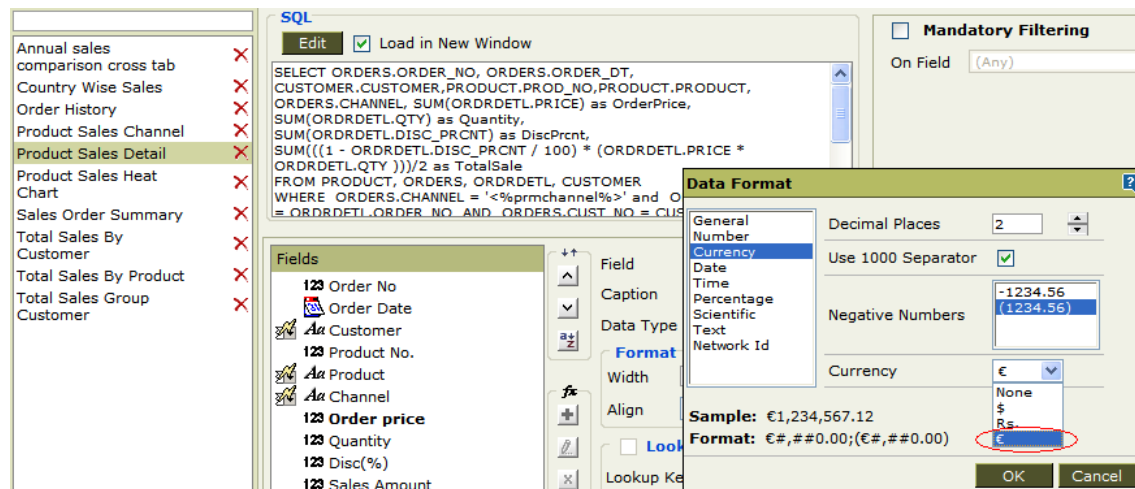


Figure5: Setting Euro in Currency output format in Adhoc report

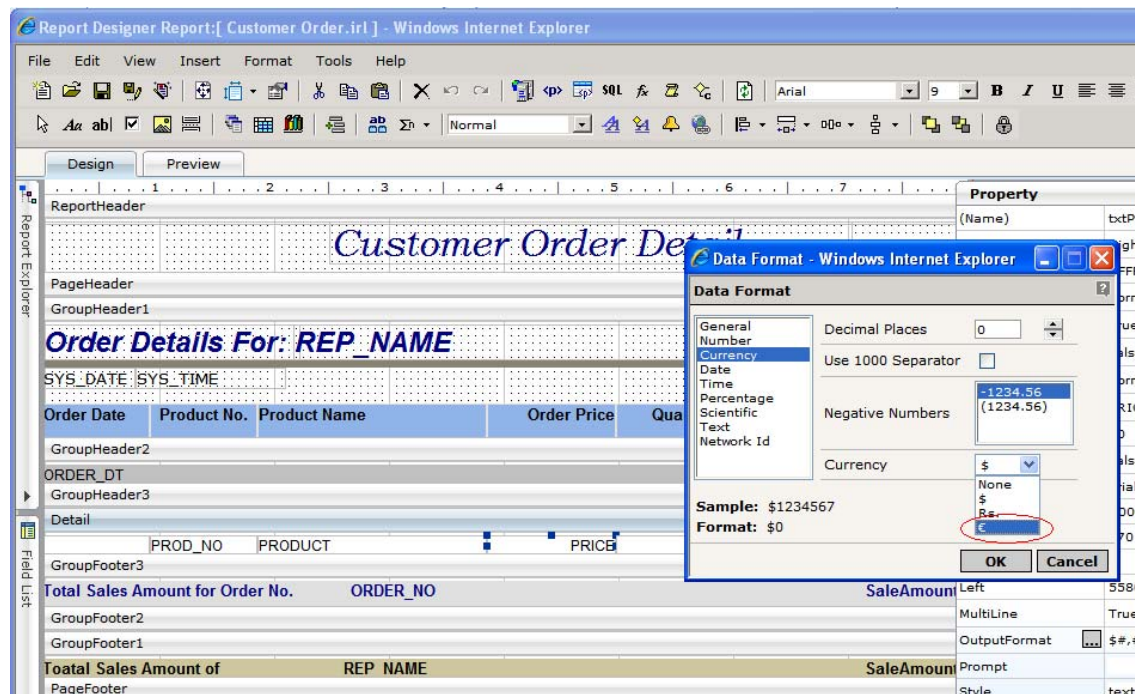


Figure6: Setting Euro in Currency output format in Standard report

Time Zone conversion functions

Appropriate when a report has to be shown with multiple users of different time zones and each user desires that the displayed date and time in report needs to be in accordance with users time zone. To achieve the same new utility functions have been exposed to convert time from one time zone to another. These functions are accessible in various script events and can be called to convert date-time from source time zone to target time zone.

Note : For all users report data source should be same and stored in Universal Coordinated Time (UCT) in database.

By using this function, date and time can be converted to the desired time zone since value is being received from data base. The value can be set back in the appropriate data field for generating report output.

Intellicus provides following utility functions for this purpose.

1. getFieldsByDataType(int dataType)

This function is used to get list of report fields for the given data type. This function returns list of all report fields for the given data type.

2. convertTimeZone(String date-time, String sourceTZ, String destTZ)

This function is used to convert date and time from one time zone to another. Source and Destination Time zones can be either an abbreviation such as "PST" or a custom, such as "GMT-8:00". This function returns date and time string converted in destination time zone in yyyy-MM-dd HH24:mm:ss format.

3. formatDate(String value, String inputformat, String outputformat)

This function is used to convert date and/or time from one format to another. This function returns formatted date-time string.

4. formatTimestamp(String value, String outputformat)

This function is used to convert timestamp value to the desired date-time format. This function returns formatted date-time string.

5. convertMillisToHours(String timeInMillis)

This function is used to convert milliseconds value to hours format (hh:mm:ss:ms) a time value in milliseconds. This function returns the time in hh:mm:ss:ms format i.e. the total number of hours, minutes, seconds and milliseconds.

For example, if difference between two time values(t1 and t2), t1=01:15:14:00 and t2=01:16:16:20 is one minute two seconds and twenty milliseconds which is equal to $(1*60*1000 + 2*1000 + 20) = 62020$ milliseconds then when a value "62020" will be passed to this method it will return "00:01:02:20".

6. getDefaultTimezone()

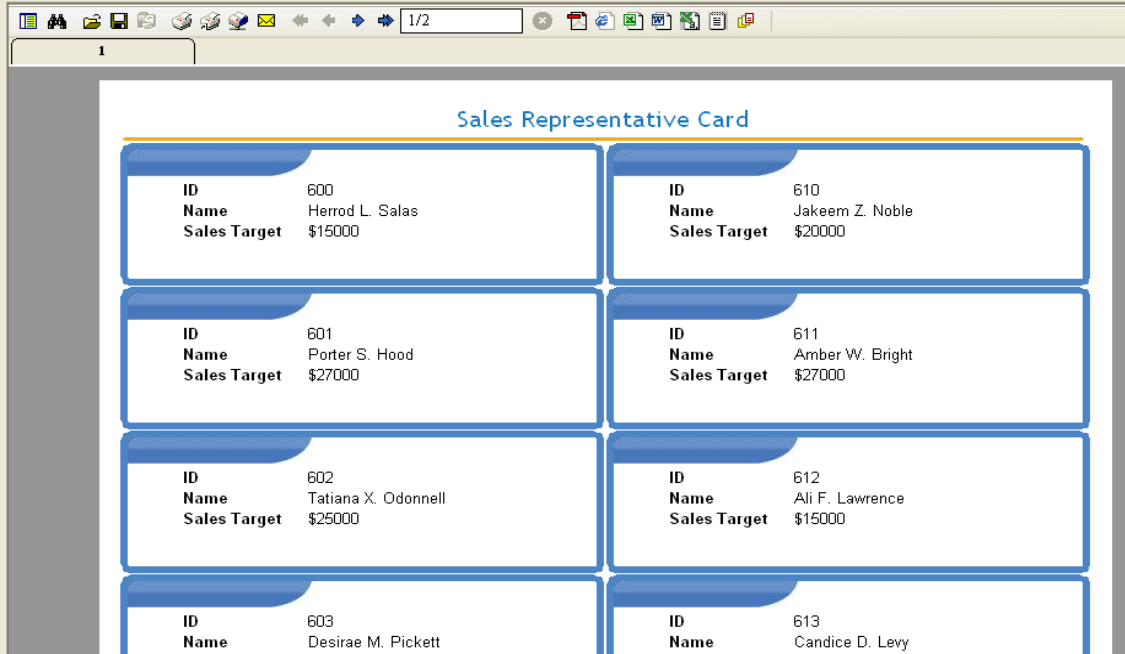
This function is used to get time zone of Report Server. This function returns ID for time zone in which report server is running. Value returned by this function can be used as input to any other function which requires a time zone ID.

Following example, gets the list of all report fields of date type and converts them from UCT time zone to PST time zone.

```
function OnFetchData.eof)
{
    //Get array list of DATE type
    var vList = rpt.Fields.getFieldsByDataType(3);
    for(var i = 0 ; i < vList.size() ; i++)
    {
        vList.get(i).value=
convertTimeZone(vList.get(i).value,"GMT","PST");
    }
}
```

Studio templates

Intellicus provides new form, simple and tabular templates in Desktop studio. These templates are available through wizard for first level design of reports. You can design visually sophisticated reports just by selecting appropriate template.



Sales Representative Card		
ID	600	
Name	Herrod L. Salas	
Sales Target	\$15000	
ID	610	
Name	Jakeem Z. Noble	
Sales Target	\$20000	
ID	601	
Name	Porter S. Hood	
Sales Target	\$27000	
ID	611	
Name	Amber W. Bright	
Sales Target	\$27000	
ID	602	
Name	Tatiana X. Odonnell	
Sales Target	\$25000	
ID	612	
Name	Ali F. Lawrence	
Sales Target	\$15000	
ID	603	
Name	Desirae M. Pickett	
ID	613	
Name	Candice D. Levy	

Figure7: Report designed from Form-Labels template.

Demo HCFA form report

TrustMark
PO BOX 2942
Clinton, IA 52733

Health Insurance Claim Form

1. Medicare Medicaid Champus Champva Group Health Plan FECA BLK LUNG Others <input checked="" type="checkbox"/> (Medicare #) <input type="checkbox"/> (Medicaid#) <input type="checkbox"/> (SSN) <input type="checkbox"/> (VA File#) <input type="checkbox"/> (SSN or ID) <input type="checkbox"/> (SSN) <input type="checkbox"/> (ID)		1a. Insured's I.D. Number 984576921D
2. Patient's Name (Last Name, First Name, Middle) Amitola clarke		3. Patient's Birth Date Sex 01 25 2008 M <input checked="" type="checkbox"/> F <input type="checkbox"/>
5. Patient's Address (No., Street) 5709 REGENTVILLE City State CHICAGO TX Zip Code Telephone (Include Code) 79924 915-755-9517		4. Insured's Name SAME 7. Insured's Address (No. Street) 5709 REGENTVILLE City State CHICAGO TX Zip Code Telephone (Include Area Code) 79924 915-755-9517
9. Other Insured's Name (Last Name, First Name, Middle) a. Other Insured's Policy OR Group Number b. Other Insured's Date Of Birth Sex M <input type="checkbox"/> F <input type="checkbox"/> c. Employer's Name OR School Name d. Insurance Plan Name OR Program Name		8. Patient Status Single <input type="checkbox"/> Married <input checked="" type="checkbox"/> Other <input type="checkbox"/> Employed <input checked="" type="checkbox"/> Full Time <input type="checkbox"/> Part-Time <input type="checkbox"/> Student <input type="checkbox"/> Student <input type="checkbox"/> 10 a. Employment ? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> b. Auto Accident ? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Place c. Other Accident ? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> 10d. Reserved For Local Use
		11. Insured's Policy Group OR FECA Number NONE a. Insured's Date Of Birth Sex M <input checked="" type="checkbox"/> F <input type="checkbox"/> b. Employer's Name OR School Name MEDICARE DMERC C c. Insurance Plan Name OR Program Name NATUROCARE OMEG C d. Is There Another Health Benefit Plan ? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>

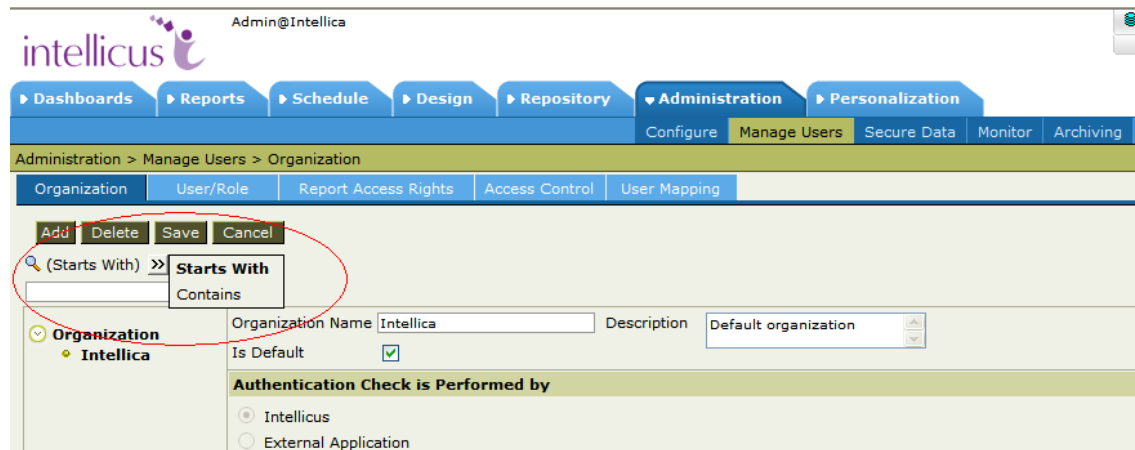
Figure8: Report designed from Form-HCFA-1500 template.

SaaS Compatibility

Scalable User Management Screens

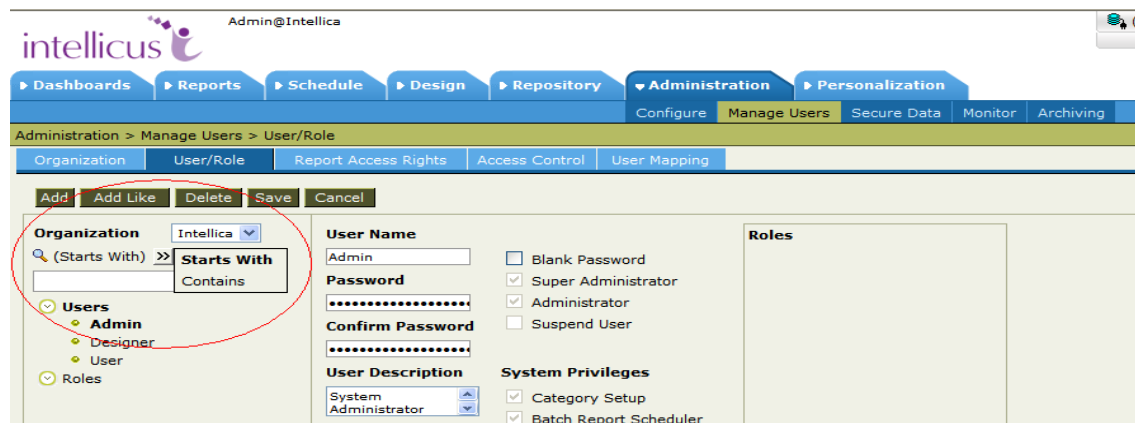
Searching feature for Organizations, Users and Roles

Intellicus has introduced feature to search an Organization, User/Role and Report Access Rights under Manage Users section. Search feature is also introduced on Access rights page of report objects for more than 100 user.



The screenshot shows the Intellicus web application interface. The top navigation bar includes tabs for Dashboards, Reports, Schedule, Design, Repository, Administration, and Personalization. The 'Administration' tab is active, and the 'Manage Users' sub-tab is selected. The breadcrumb trail indicates the path: Administration > Manage Users > Organization. The main content area has a sub-navigation bar with tabs for Organization, User/Role, Report Access Rights, Access Control, and User Mapping. The 'Organization' tab is active. A search bar is located at the top left of the main content area, with a red circle highlighting it. The search bar has a dropdown menu with 'Starts With' and 'Contains' options. Below the search bar, there is a list of organizations. The 'Organization' list on the left shows 'Intellica' selected. The main form area contains fields for Organization Name (Intellica), Description (Default organization), Is Default (checked), and Authentication Check is Performed by (Intellicus).

Figure9: SaaS Enhancements- Search Organization



The screenshot shows the Intellicus web application interface. The top navigation bar includes tabs for Dashboards, Reports, Schedule, Design, Repository, Administration, and Personalization. The 'Administration' tab is active, and the 'Manage Users' sub-tab is selected. The breadcrumb trail indicates the path: Administration > Manage Users > User/Role. The main content area has a sub-navigation bar with tabs for Organization, User/Role, Report Access Rights, Access Control, and User Mapping. The 'User/Role' tab is active. A search bar is located at the top left of the main content area, with a red circle highlighting it. The search bar has a dropdown menu with 'Starts With' and 'Contains' options. Below the search bar, there is a list of users. The 'Users' list on the left shows 'Admin' selected. The main form area contains fields for User Name (Admin), Password, Confirm Password, User Description (System Administrator), and System Privileges (Category Setup, Batch Report Scheduler).

Figure10: SaaS Enhancements- Search User/Role

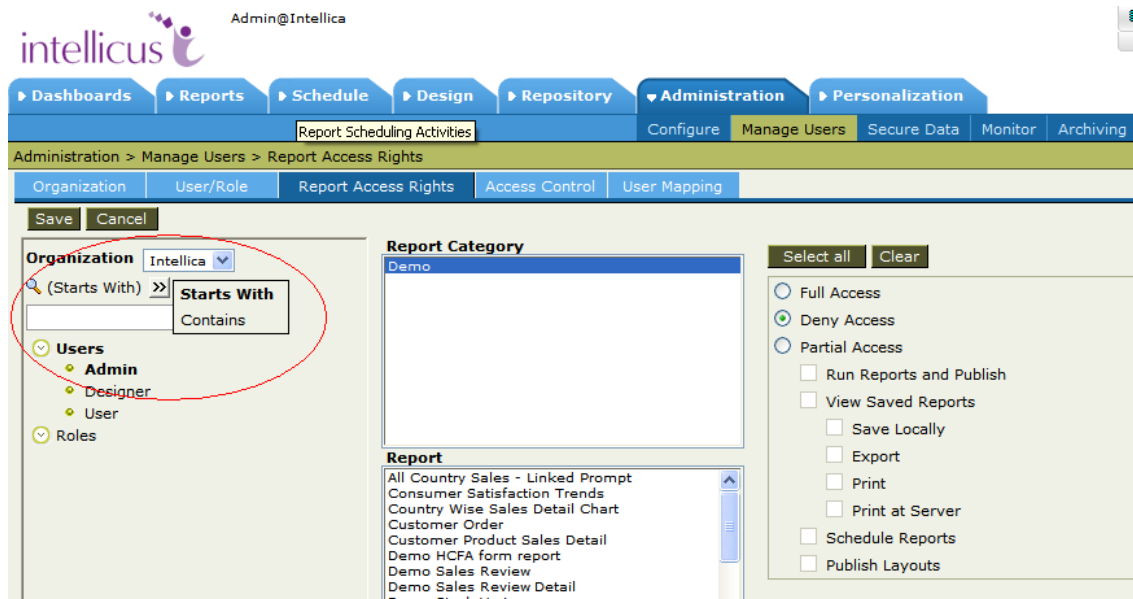


Figure11: SaaS Enhancements- Search Report Access Rights

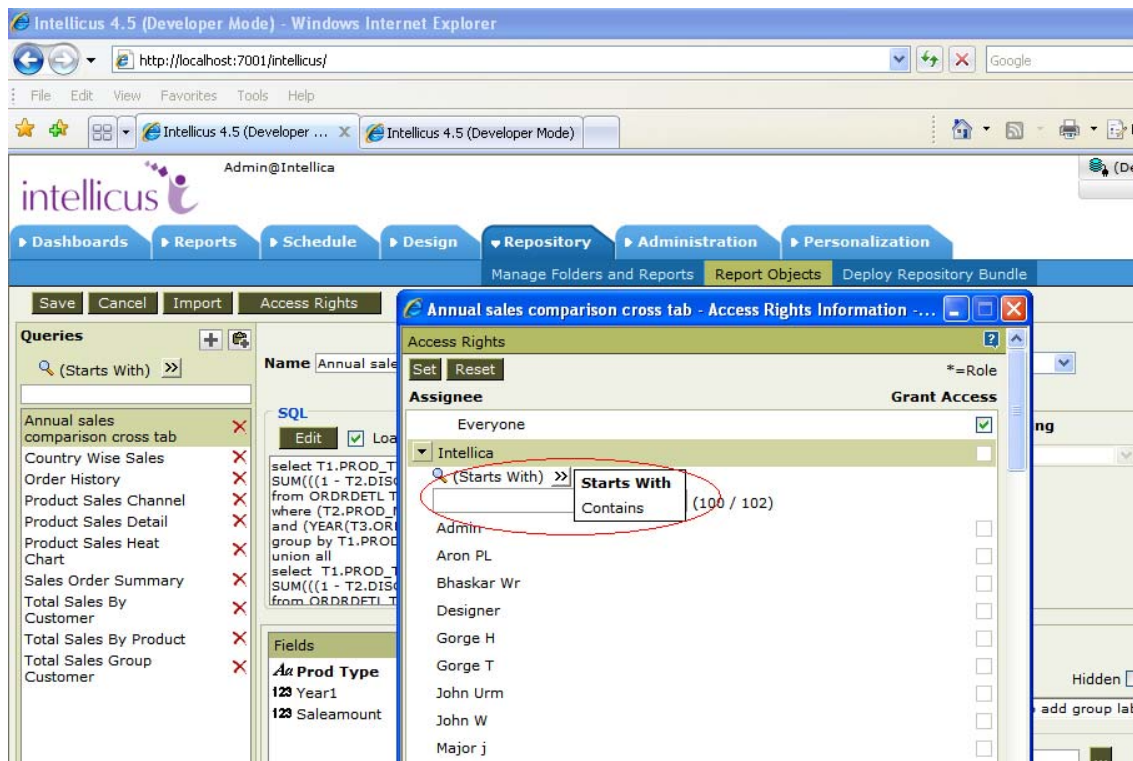


Figure12: SaaS Enhancements- Search for more than 100 users on Access Rights page of report objects.

Modified Users selection for filters

When an organization contains large number of users (approx 1500 or more) then in filtering section under Tasks and Jobs pages(Schedule > Tasks), user

selection combo box is displayed as text box to punch in user's name. Originally it is displayed as a drop down menu.

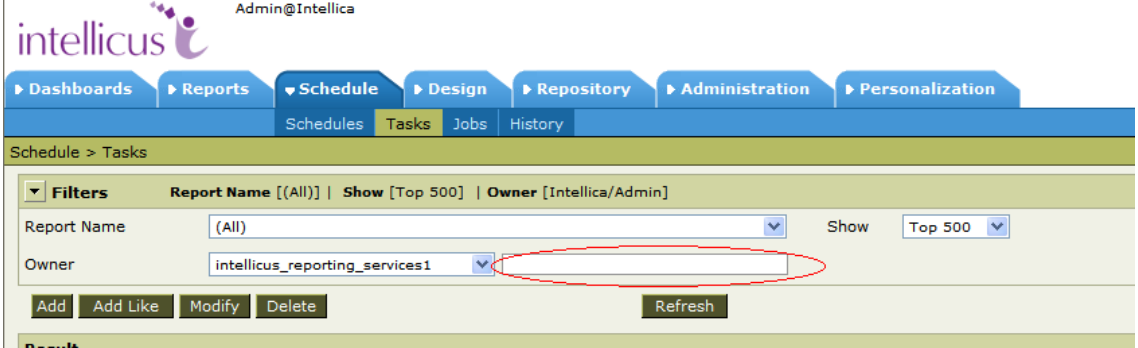


Figure13: Modified User selection Combo Box

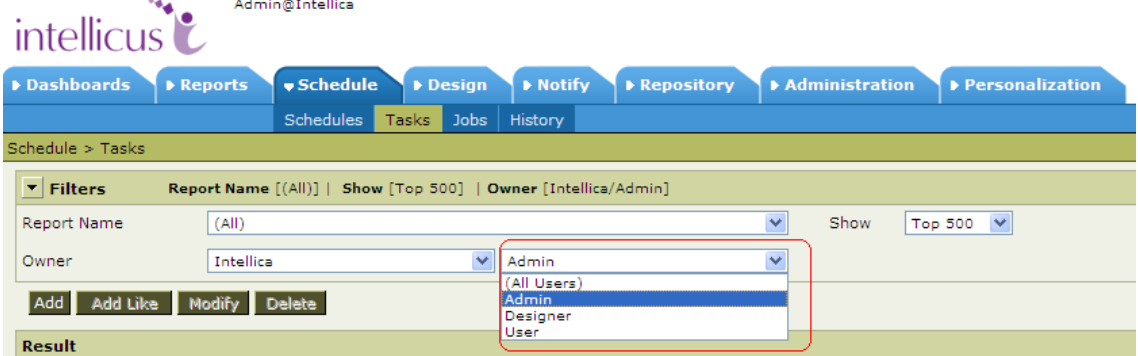


Figure14: Original User selection Combo Box

Administrative Enhancements

Modify private jobs created by other users

Intellicus provides facility to Super Admin to view and modify private jobs created by other users. Super Admin can view other users, private job by selecting Organization, and User and then check *Show all owners'* check box on the Job page.(Schedule > Jobs)

The screenshot shows the Intellicus web interface. The user is logged in as Admin@Intellica. The navigation menu includes Dashboards, Reports, Schedule, Design, Repository, Administration, and Personalization. The 'Schedule' menu is expanded, showing Schedules, Tasks, Jobs, and History. The 'Jobs' page is active, displaying a table of jobs. The 'Show All Owners' checkbox is checked and circled in red.

S.No.	Job Name	Status	Schedule Name	Frequency	Task Name	Report Name	Owner	Last Run Time	Last Run Result
1.	Weekly_All Country Sales MP3	Scheduled	Schedule32927309-CBC4-07E5-742E-797020125C5D	Weekly	BatchB3699E25-5358-28A6-5751-001A608F5E34	All Country Sales - Linked Prompt	Designer		6.1:

Figure15: Show All Owners under Jobs

On clicking Modify button for the selected private job, Admin and/or Super Admin gets modify screen with a appropriate message.

The screenshot shows the Intellicus web interface. The user is logged in as Admin@Intellica. The navigation menu includes Dashboards, Reports, Schedule, Design, Repository, Administration, and Personalization. The 'Schedule' menu is expanded, showing Schedules, Tasks, Jobs, and History. The 'Jobs' page is active, displaying a table of jobs. The 'Show All Owners' checkbox is checked and circled in red.

****WARNING****
Currently you are modifying a job created and owned by Intellica/Designer. This job may have user specific report parameter values. This form allows you to change this job with or without updating report parameter values. If you intend to change the parameter values, then check Update Parameters box in Report Parameter Se

Save Cancel Preview

Job Details

Name * Weekly_All Country Sales MP3 ☐ Delete on completion

☐ Once

Run report on date 6/11/2009 at hh : mm

☒ Recurring

Schedule starts at * 6/11/2009 Schedule ends at

Frequency ☐ Daily ☒ Weekly ☐ Monthly

Sunday of Every 1 Week(s) at 21 : 27

Figure16: Displaying a message when Admin/Super Admin clicks Modify button

Admin user can also modify parameter values in private jobs. In order to update parameter values of job, *update parameters* check box is provided on parameter form screen of Jobs page(Schedules>Jobs).

File Name: ☐ Suffix Timestamp Format

☒ Public ☐ Private

Valid Upto: ☒ 1 Months After Generation
☐ End of this Month
☐ Date 6/25/2009

Report Parameters ☒ Update Parameters

☒ Auto Refresh Nested Para
 (Select Form)

Select

Mandatory

2) Choose the Product Type:*
 (1/3 selected) All ☐

Audio Systems
 Home Accessories
 Mobile Devices

2) Choose the Product Line:*
 (1/2 selected) All ☐

MP3 p1
 VCD P

2) Product Name*
 (1/3 selected) All ☐

MP3 Photo Jukebox

Figure17: Admin/Super Admin gets option to Update Parameters when Parameter values is being modified

Improve Auditing of report execution

Intellicus provides facility to audit reporting operations. Information on auditing is available to Super Admin and/or Admin only. Admin users can manage the Audited information for their organization only.

Following information has been added to the Auditing:

1. Report Type(Adhoc / Standard)
2. RPG Size (KB)
3. Query Objects ID
4. Connection – Name
5. Report Size in KB
6. Number of Pages
7. Number of records
8. ID of server that served the request
9. Execution type of report - DIRECT/SCHEDULER/ ASYNCHRONOUS
- 10.Job id in case the execution type is scheduler/asynchronous
- 11.Status (Running/Failed/Success/Incomplete)
- 12.Error cause

Intellicus Edition Information

The Intellicus service icon is enhanced to display the Intellicus edition in use. Following is the mapping of Intellicus edition and Service icon.

Edition	Service Icon
Enterprise	

Professional	
Standard	

Figure18: Intellicus Edition Information

Data Security Enhancements

Prevent SQL Injection through validation and replacement

Intellicus has introduced mechanism to validate and replace Malicious values in user input parameters. This mechanism is configurable through Report server property, EXTENDED_INPUT_VALIDATION and configuration file, exin_validations.xls. The configuration file contains validation sequences and replacement sequences mapping.

Data Restriction API

Intellicus provides API for Data Restriction for Users through parameter object value.

```
ReportObjectManager:saveReportObjectUserPreferences(iroUserPrefs,userInfo)
```

Report Output Enhancements

Upgrade rendering of Rich Text format

Intellicus now exports in Rich Text Format (RTF) for MS Word using specification version 1.9.1. It makes the report output compatible with MS Word 2007.

Issues Fixed (4.5)

ID	Description
DEF 1062	Extra blank space is visible when report output window is small in size.
DEF 698	Supporting polish character for report name, Query object name, Query object field caption and report description.
DEF 932	In Adhoc Template Configuration page, on doing 'Add like' operation, generated irl file is not same as source template file.
DEF 1034	Error message "Invalid Access Right" is shown on the License page even though the License Details are shown correctly.
DEF 12	If a category is deployed through cab, with same name, id and scope but different value of isHidden attribute value, then cab deployer does not update category.
DEF 937	In Firefox browser 2.0 and 3.0, Unable to Generate report (on click on snap shot) in Audit log.
DEF 1021	Record set protocol should return binary data for blob or binary type column. The binary data should be hex decimally decoded.
DEF1072	Email delivery fails as attachment + FTP operation for unzipped output file.
DEF 962	On deploying a cab, the advanced report properties don't get deployed.
DEF 699	Multiple alerts/notification are generated for adhoc reports.
DEF 947	Alerts not generated for multiple conditions in Adhoc report.

DEF 728	Suppress Duplicate does not work when client side sorting is applied.
DEF 676	Null Pointer Exception for Adhoc Date condition 'In This day'.
DEF 1344	While creating Query Object, in Connection combo connections having big names are not visible completely. Connection Combo size should increase according to name of the Connection. The connection list should come in sorted order.
DEF 1351	The List of Connections should be in sorted order on connection listing of configure database screen.
DEF 1352	Dedicated label on job page changed to Show All Owners.
DEF 1397	On Adhoc Report Wizard, the bigger Query Object names are not visible completely.
DEF 1139	For multi select parameter, SYS_FILTER_PARAMS should display 'All' for all checked values in check box.
DEF 1435	Export options icon is not shown on html tool bar if there are no formats configured in html toolbar configuration.
DEF 1490	When the fields are group labelled in the Query object, these fields display as almost greyed out.
DEF 1412	Output of parameterized report is not resized when values are selected from Report Parameters tab.
DEF 888	Error Parsing XML appearing on opening the report containing text type PO in web studio.
DEF 1338	Collapsing of Web Studio's detail section while reopening report.
DEF 1647	Server executes lot of repository queries for performing Authorization/Authentication caching.
DEF 1614	Open and Save action on Sub reports takes long time.
DEF 1730	In Desktop studio, Output format properties shows garbage character when Euro symbol is used.

Known Issues (4.5)

ID	Description
DEF356	In case of Maximized dashboard widget, when we resized the window by dragging it, another widget's scrollbar or the small part of content area in bottom is visible.
DEF1754	when report is running in JVISTA Format contains single select or Multi select type Parameter and parameter values contain single quote(') ,then "String index out of range: -1" error is coming and Parameter form is not loading.