

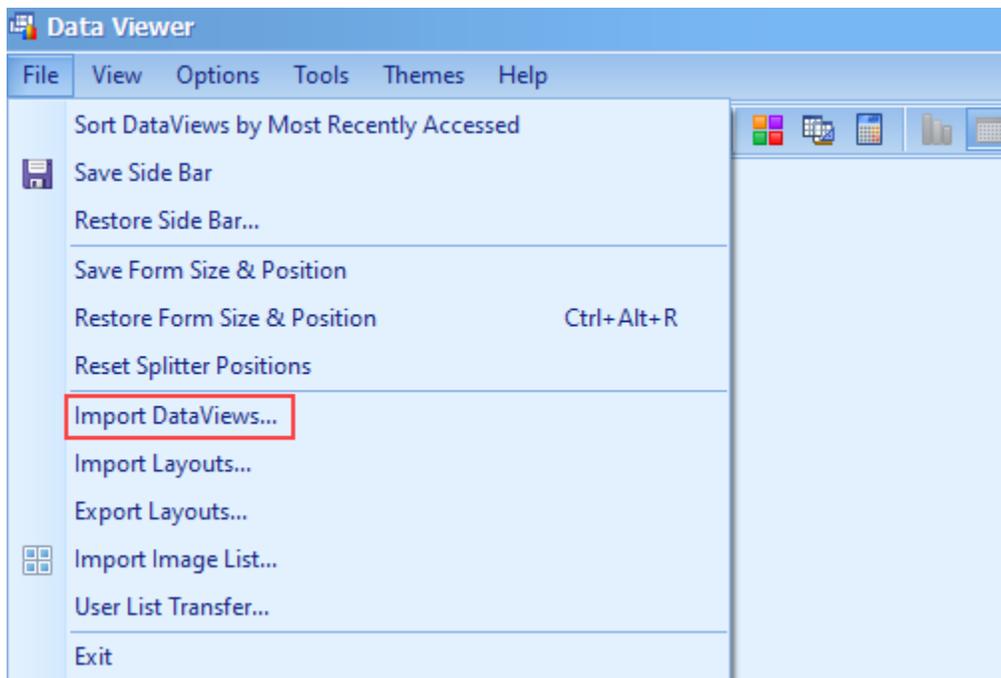
## Release Notes for Data Viewer

### 4.6 build 1

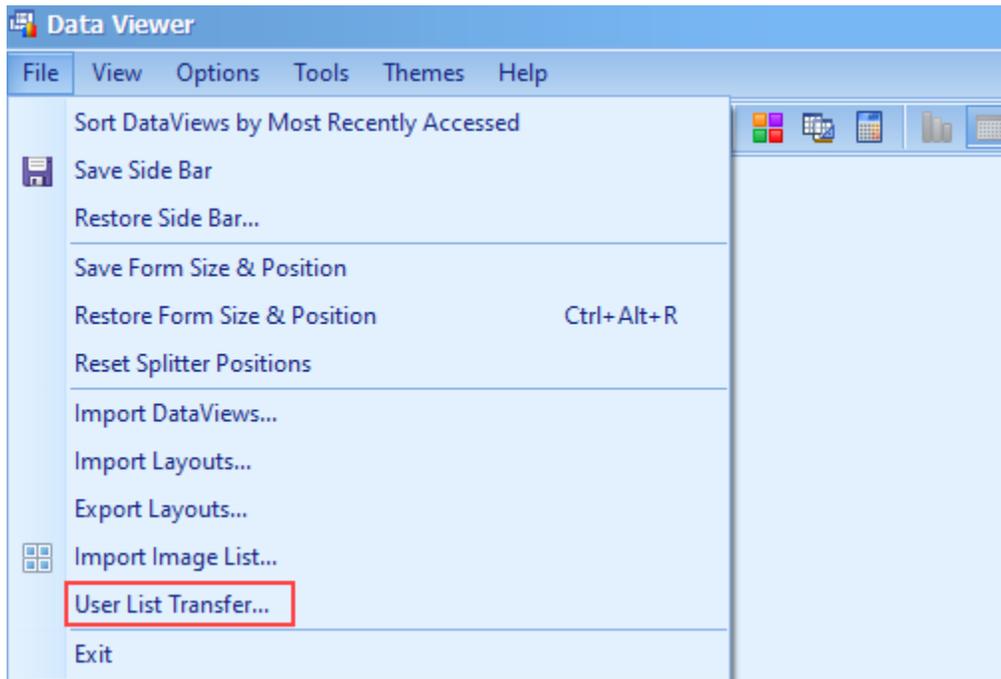
1. **Issue:** An error occurs when using the “Export to SQL” feature with the advanced filter applied to the data view.  
**Status:** This issue has been resolved.

### 4.6 build 0

1. **Major Enhancement:** Added support for Data Viewer to run as a 64-bit application in Win64 which helps eliminate any “Out of Memory” errors that may occur. In 32-bit applications, the dynamically allocated memory is restricted to 2 Gigabytes and in 64-bit applications, the restriction is 8 Terabytes (only limited to the available RAM).
2. **New Feature:** Added the “File\Import DataViews” menu item for importing DataViews in Data Viewer. This menu item is enabled when the security setting “User Can Import Configuration” is set to Yes. The “Import to Configuration” drop-down list on the “Import DataViews” dialog is only enabled when the user has Data Viewer Designer access.



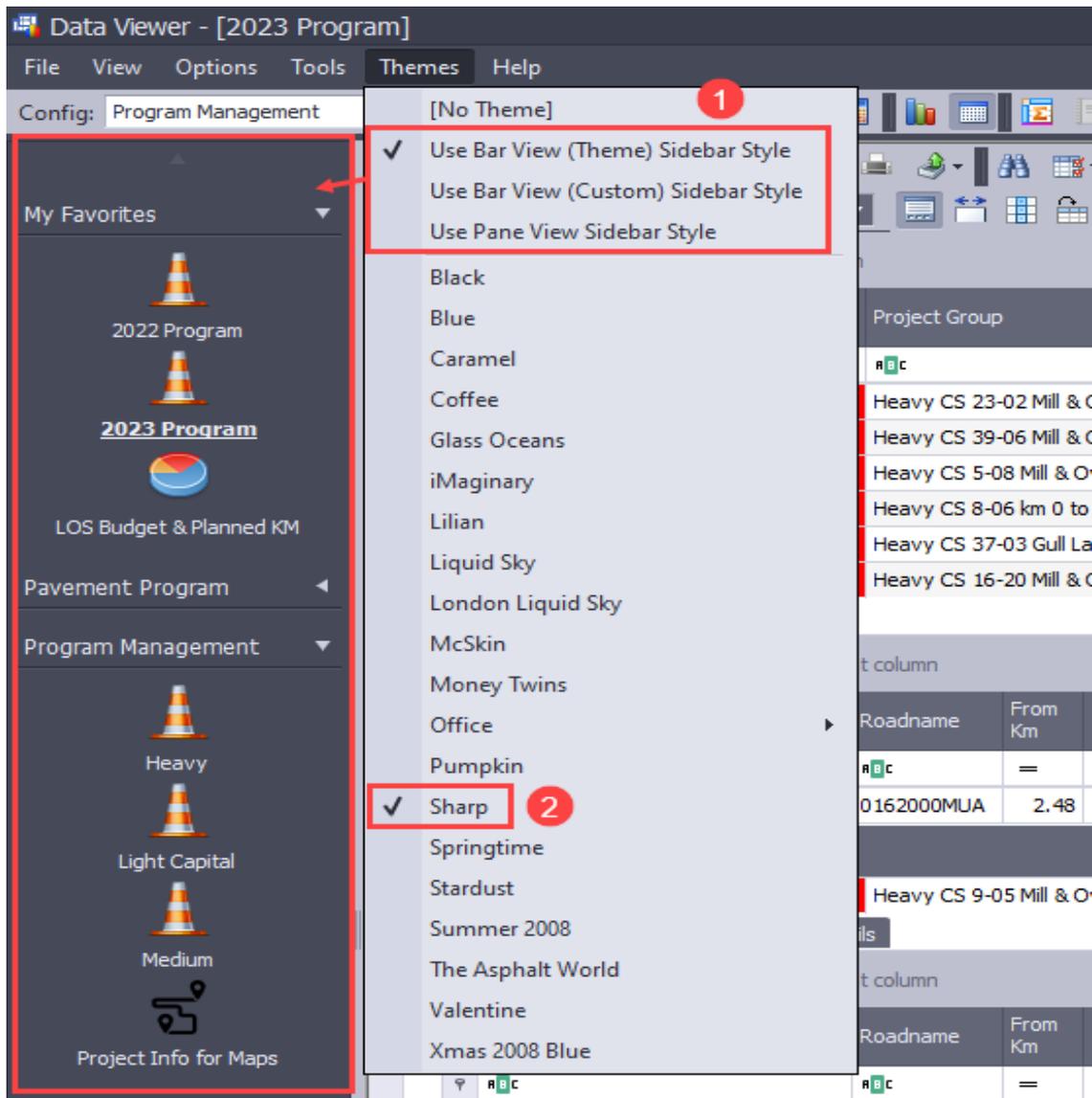
3. **New Feature:** Added the “File\User List Transfer” menu item for exporting or importing the User List, including User Settings. This menu item is enabled when the security setting “User Can Export User List” or “User Can Import User List” is set to Yes.



4. **Upgrade:** Upgraded the Form Report components to the latest version. This major upgrade offers better performance, improved memory management on large reports, and many other enhancements. This version can preview several thousand pages of a formatted report containing text, boxes, and lines in just a few seconds. The 64-bit version can load extremely large reports containing many photos without any memory issues (limited only by the hardware). Also, the Cancel button on the progress dialog in the report preview works perfectly in this version.

#### 4.5 build 2

1. **New Features:** 1: added a new Sidebar Style option called: “Use Bar View (Theme)”. This makes the sidebar use the bar style (like in the previous version) but uses the current theme. The “Use Bar View (Custom)” option shows the sidebar in the same layout as the Bar View (Theme) but with the custom colors that are defined in Data Viewer Designer.  
2: added a new theme called “Sharp”, as shown below.



2. **Issue:** The check filter in the Filter Prompt is not working properly in every situation. If multiple items are selected, only the first checked item will be included in the filter.  
**Status:** This issue has been resolved.
3. **Issue:** Adding Data Views to the “My Favorites” group may not work properly in some situations.  
**Status:** This issue has been resolved.

4. **Issue:** The Edit button fails to detect a running instance of Custom DWR therefore opens a separate instance each time. This issue only occurs in a Microsoft Application Virtualization (App-V) environment.

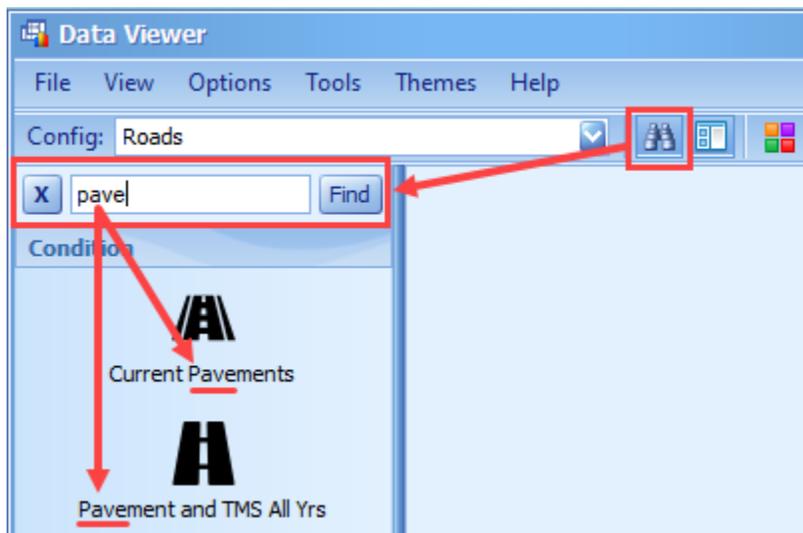
**Status:** This issue has been resolved.

#### 4.5 build 1

1. **New Feature:** Added the ability to search the sidebar for the name of data views. e.g., to look for all data views in a Config that contains “pave” in the name, as shown below, click on the search button then, type: *pave*, then press the Enter key or click on the Find button. This instantly “filters” the list of data views in the sidebar to show only the ones that contain the search text in the name of the data views.

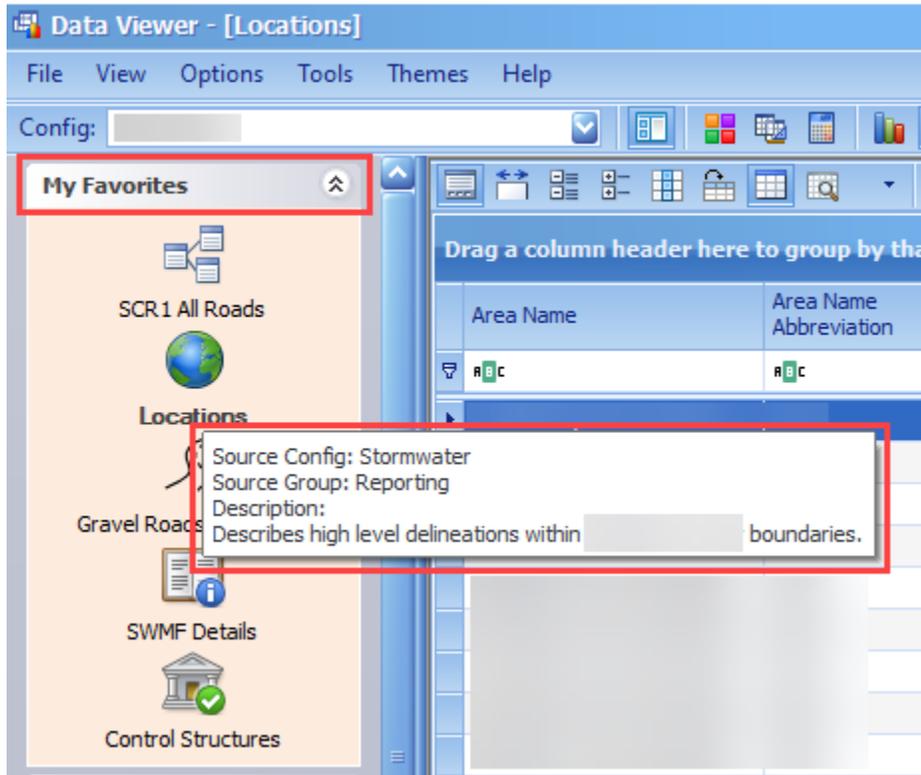
To close the find panel, click on the X button on the left side of the search box or click on the Search (binoculars) button again.

Note: the drag and drop feature in the sidebar is disabled while the search panel is visible to avoid confusion when changing the order of the data views.

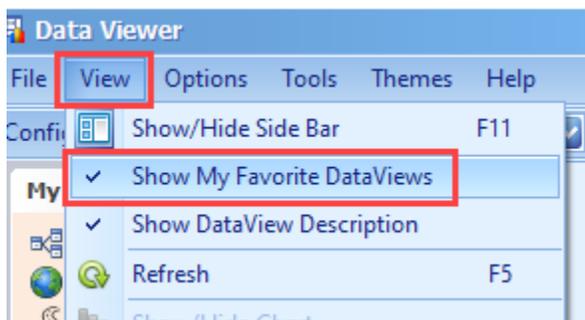


#### 4.5 build 0

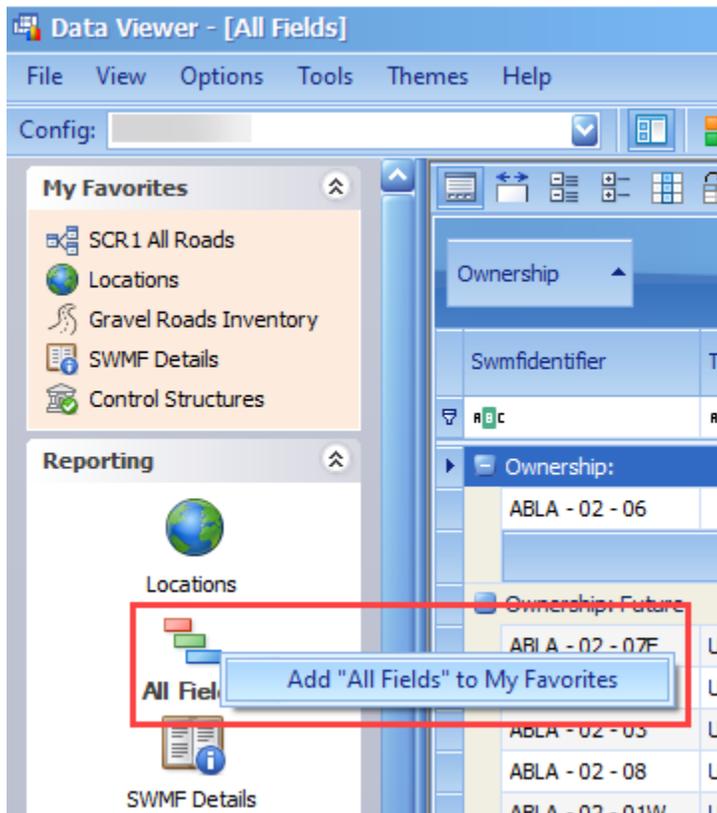
1. **Major Upgrade:** All third-party controls (such as the grids, edit controls, etc.) and development tools have been upgraded to the latest version.
2. **Major New Feature:** Added the ability for each user to add any data view that they have access to from any configuration to their own My Favorites group. If you hover the mouse over the data view icon, the Source Config, Source Group, and the description of the data view will be displayed in a hint, as shown below. This is provided that the “Show DataView Description” option is turned on in the View menu.



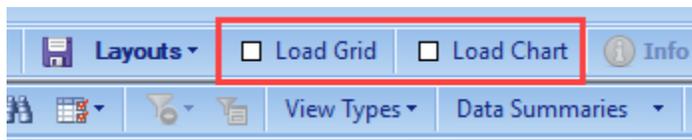
To show or hide your “My Favorites” group, click on the “View” menu then click on the “Show My Favorite DataViews” menu item, as shown here:



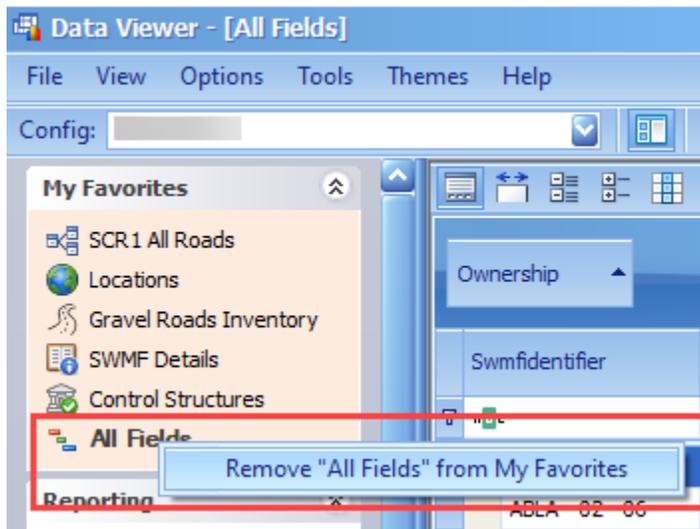
To add a data view to your “My Favorites” group, click on that data view in the sidebar to select it, then right-click on the icon and click on: **Add “...” to My Favorites**.



**Tip:** if you want to add multiple data views to your “My Favorites” group, we recommend that you **uncheck** the **Load Grid** and **Load Chart** check boxes so you do not have to wait for each data view to load the data. This will make the process much faster.

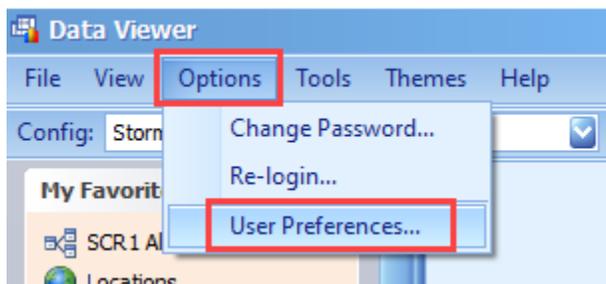


To remove a data view from your “My Favorites” group, click on that data view in the sidebar to load it, then right-click on the icon and click on: **Remove “...” from My Favorites**.



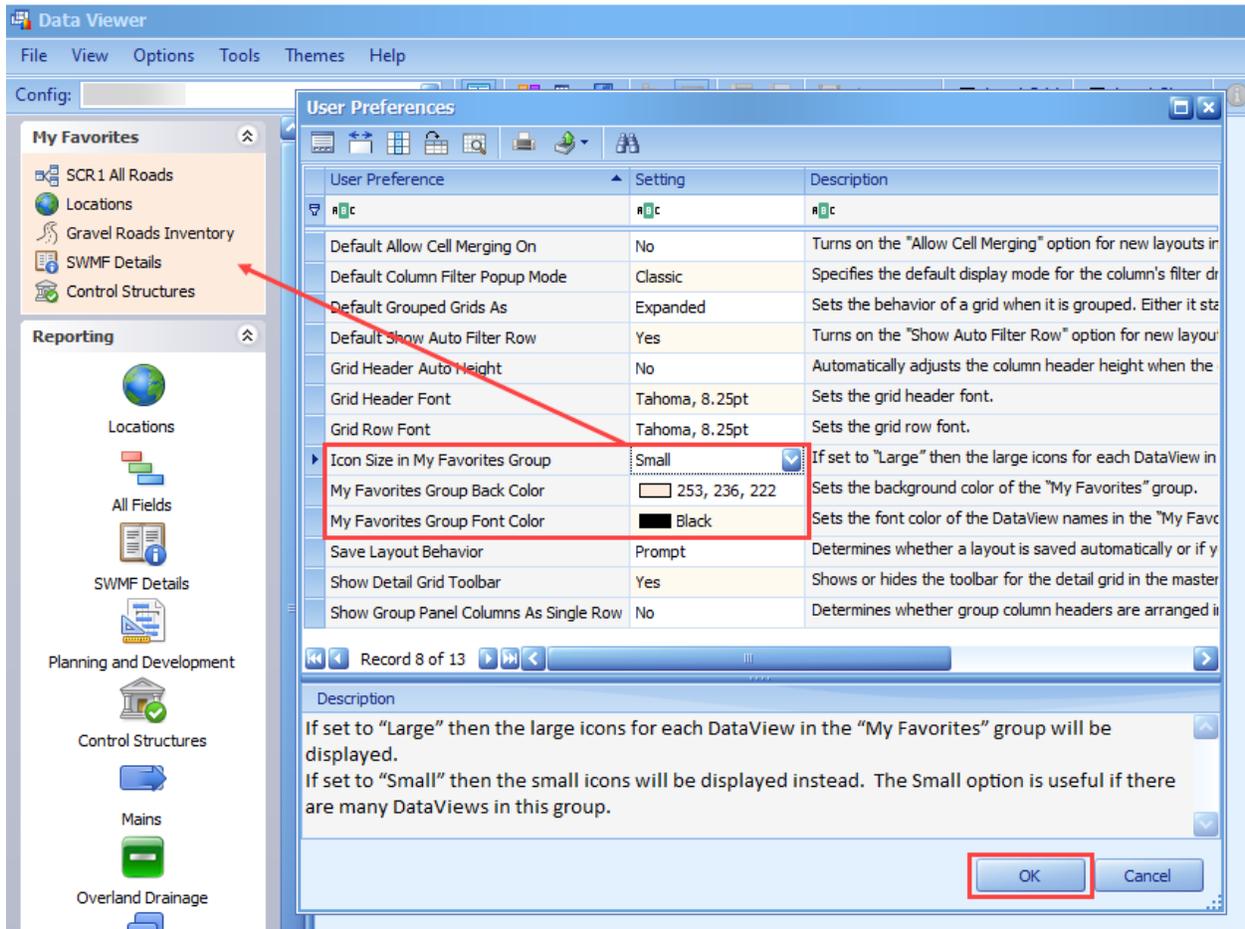
Customization of your “My Favorites” group can be done in the User Preferences as shown here:

Click on the “**Options**” menu then click on “**User Preferences**”:



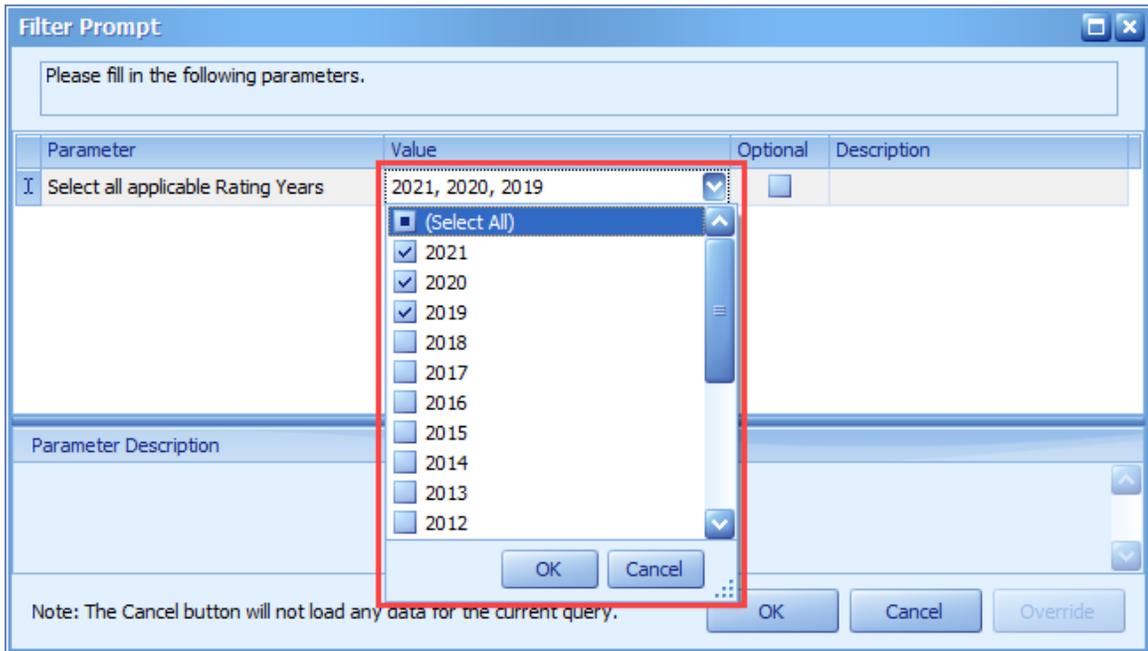
In the User Preferences dialog, you can change the Icon size, background color and font color of the “My Favorites” group.

Once your changes are complete, click on the OK button to save the changes and update the group.

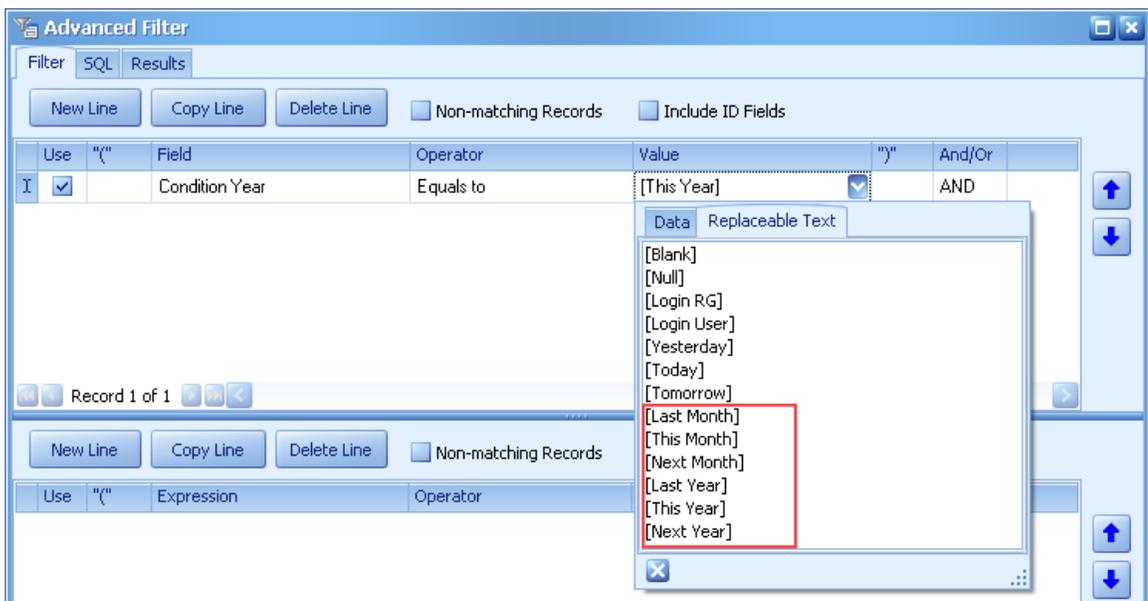


3. **Enhancement:** Enhanced the “Run Data Viewer Designer” tool bar icon to run the Data Viewer Designer application and open the same data view that is selected in Data Viewer.
4. **Modification:** Re-named the tab “Parameters Prompt” to “Filter Prompt” and the caption for the “Parameters Prompt” dialog to “Filter Prompt”.

- Major Enhancement:** Added new editors “Check Lookup” and “Check Picklist” to the Editor grid column on the “Filter Prompt” tab so that multiple items can be selected in a list as shown below.



- Enhancement:** Enhanced the “Filter Prompt” dialog to allow leaving the filter parameters as blank if they are defined as optional in DV Designer. If the filter parameter is optional, the dropdown picklist will contain a blank item in the list so users can pick it or press the Ctrl + Delete keys to clear the selected item.
- Enhancement:** Added more Replaceable Text items to the Advanced Filter dialog.



8. **Enhancement:** Changed the Run Calculator button to support running a custom Calculator application instead of the standard Windows Calculator. Set the “Run Calculator Filename” agency setting in Custom Control Panel to the full path and Filename of the calculator application to be used with the Run Calculator button. Leave this setting blank to use the standard Windows Calculator.
9. **Issue:** There is no confirmation message asking the user to save the layout before exiting the current view when changes are made in the Conditional Formatting Editor.  
**Status:** This issue has been resolved.
10. **Issue:** An error occurs when switching from a saved grid layout that has active grid filter to another saved grid layout without active grid filter. The error message “*Error occurred during processing request (Error 'Can't find property 'Flow Obstruction' at '[Flow Obstruction]'* compiling criteria '*Not IsNullOrEmpty([Flow Obstruction])*’.” pops up at the bottom of the grid.  
**Status:** This issue has been resolved.

#### 4.3 build 0

1. **Upgrade:** Upgraded the Form Report components to the latest version.

#### 4.2 build 6

1. **Issue:** The Advanced Filter dialog is causing error “Object reference not set to an instance of an object.” when creating new advanced filter.  
**Issue:** This issue has been resolved.

#### 4.2 build 5

1. **Upgrade:** Upgraded the Form Report components to the latest version.

#### 4.2 build 4

1. **Enhancement:** Added an application-specific icon to the Edit button for showing which external application will be run when the Edit button is clicked.

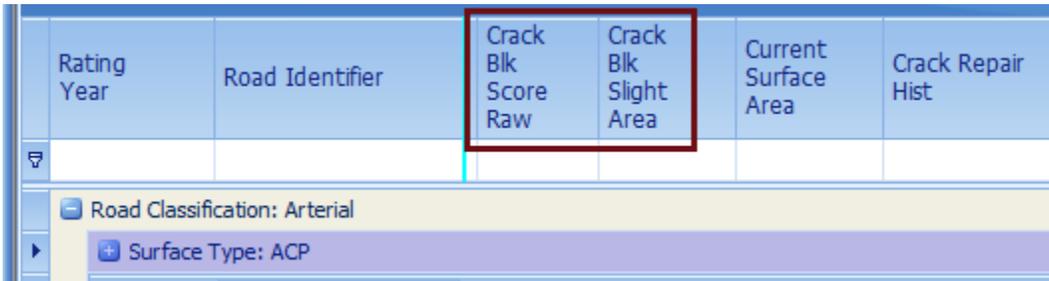


2. **Enhancement:** Significant internal improvements have been made to the Edit button feature. Corresponding improvements have been made to each of the supported applications: Data Manager and MMS 4.

3. **New Feature:** Added the following new setting to the User Preferences dialog:

**Grid Header Auto Height -**

Automatically adjusts the column header height when the column captions are word-wrapped that do not fit the column width as shown below. Note: this will also change the look of the Filter buttons.



When this setting is set to “Yes”, the new column filter button looks like this:

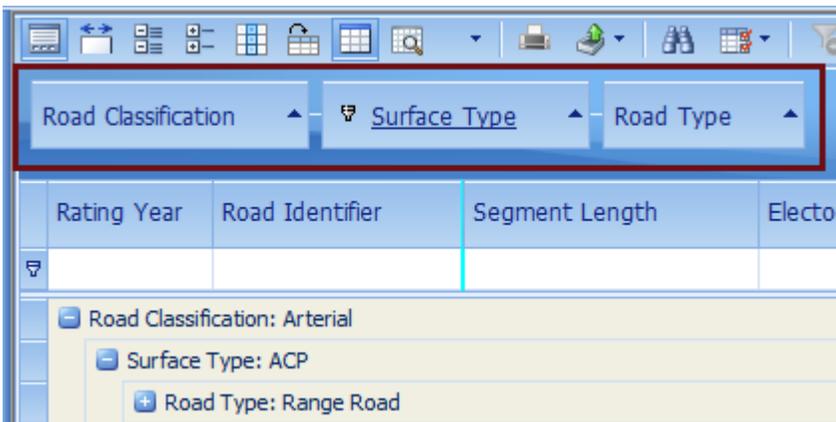
This is nice because it is obvious what columns are filtered which is very handy in grids with a lot of columns.



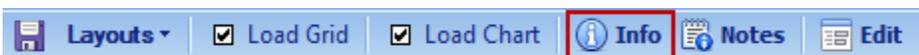
4. **New Feature:** Added the following new setting to the User Preferences dialog:

**Show Group Panel Columns As Single Row -**

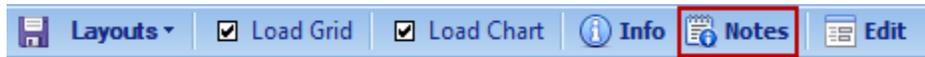
Determines whether group column headers are arranged in the group panel in a horizontal line as shown below.



5. **New Feature:** Added the Info button to the main toolbar for showing or hiding the information for the current data view. The Info button is enabled when there is information for the current data view and the “Available to Users” check box is checked in DataViewer Designer. When the Info button is pressed, the information text will appear on a panel at the just below the toolbar.



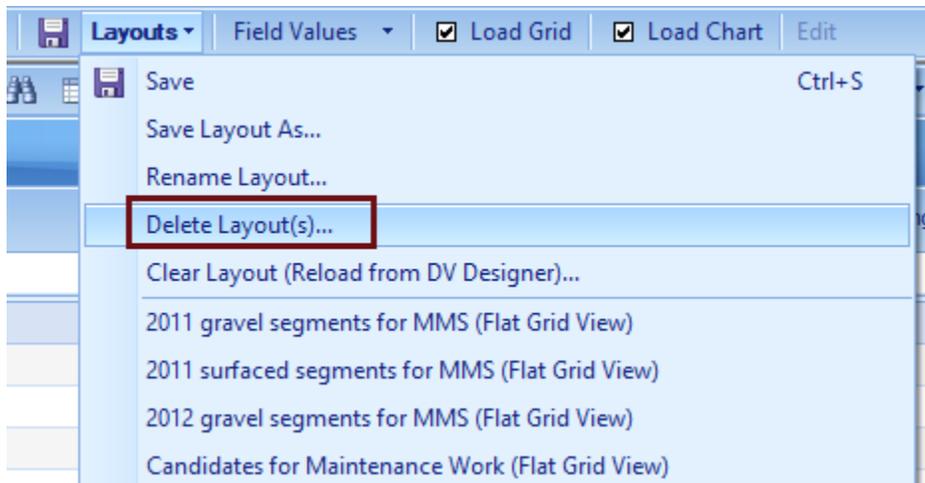
- New Feature:** Added the Notes button to the main toolbar for showing or hiding the notes for the current data view. The Notes button is enabled when there are notes for the current data view and the “Available to Users” check box is checked in DataViewer Designer. When the Notes button is pressed, the notes text will appear on a panel at the bottom of the screen. The intent of the Notes is for the designer to provide more details regarding this data view.



- New Feature:** Added the following new User Settings to enable a Configuration Manager to allow or disallow exporting data to Excel, PDF, and/or SQL Server database for certain users.
  - User Can Export Grid Data to Excel
  - User Can Export Grid Data to PDF
  - User Can Export Grid Data to SQL
- Modification:** The “Field Values” button has been moved from the main tool bar to the chart tool bar.

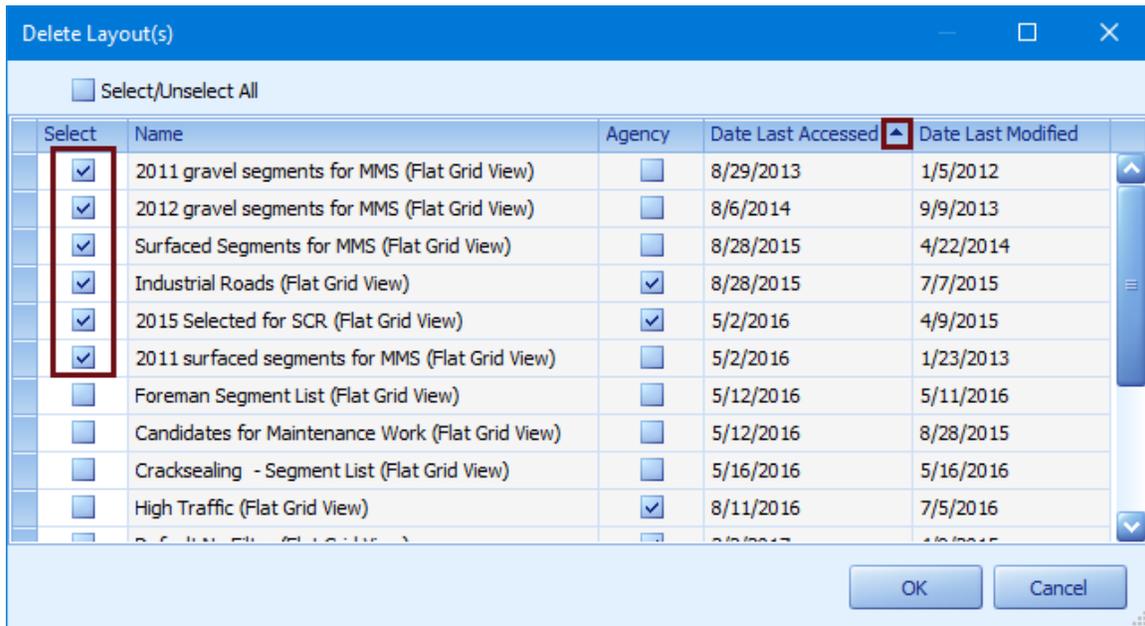
#### 4.2 build 3

- Upgrade:** Upgraded the Form Report components to the latest version.
- Cosmetic:** Various cosmetic enhancements.
- Enhancement:** Added the multi-checklist for the Delete menu items: Delete Layout(s), Delete Data Summaries, Delete Advanced Filter(s), and Delete Field Values. This greatly simplifies the process of cleaning up old Layouts, Advanced Filters, etc. that are no longer needed.

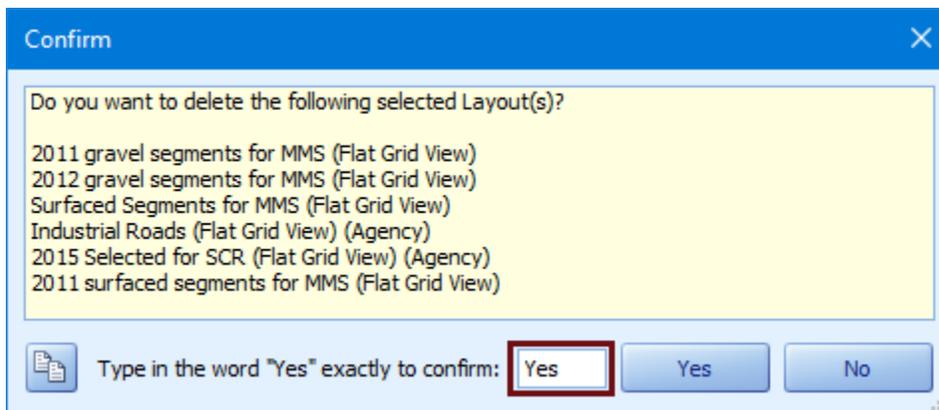


The screenshot below shows the multi selection dialog:

For Layouts, this grid can be sorted to show the Date Last Accessed so the Layouts are listed at the top as shown below. This makes it easy to see if the Layouts are still being used by anyone who has access to them.



For added safety, the confirmation dialog requires the user to type the word "Yes" in the box as shown below before clicking on the Yes button. This prevents the users from accidentally clicking on the Yes button when the message is displayed.



4. **Enhancement:** Added the user security setting "User Can Delete SQL Views" for enabling or disabling the menu item "Delete SQL View" and filtering the picklist based on the setting value.

The following are the setting values:

No: Cannot delete SQL views.

All: Can delete all SQL views.

User Created: Can only delete SQL views created by this user.

#### 4.2 build 2

1. **New Feature:** Added the ability for certain types of users to override the Parameters Prompt. If the user has the appropriate authority to override the Parameters Prompt, the Override button in the Parameters Prompt dialog will be enabled as shown below. If the Override button is pressed, the parameter settings are ignored as if they didn't exist. The user can press the Parameters Prompt button in the tool bar at any time to display the dialog and use or change the parameters.

Parameter	Value	Description
Fiscal Year	2017	Select the Fiscal Year of the DWR data that you want to see.
Resource Group Code	7104	Select your Resource Group code.

Parameter Description  
Select the Fiscal Year of the DWR data that you want to see.

Note: The Cancel button will not load any data for the current query.

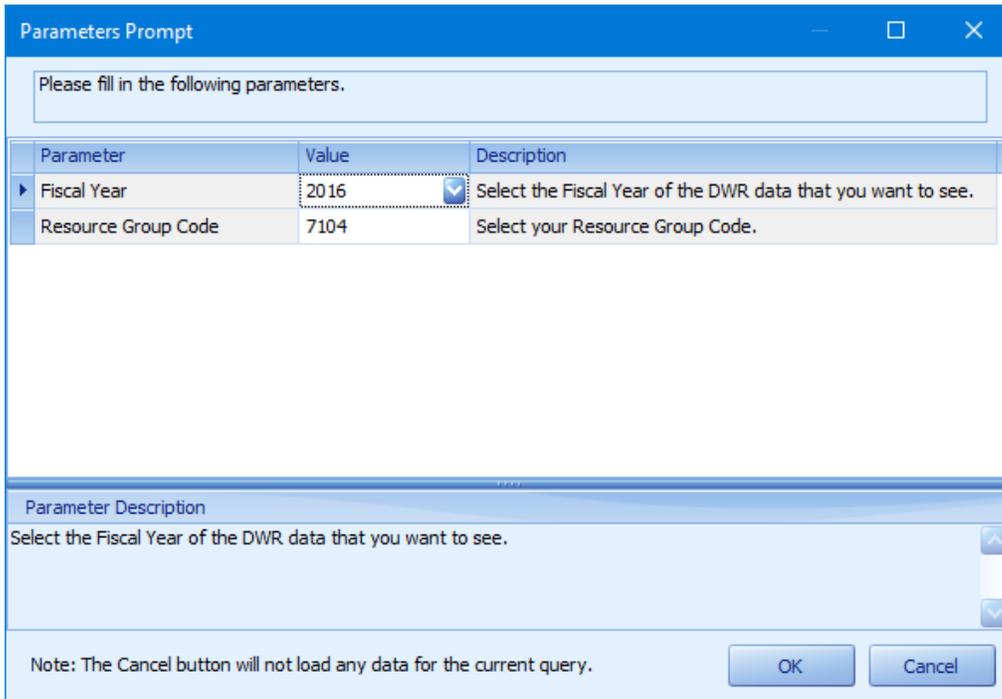
OK Cancel **Override**

#### 4.2 build 1

1. **Cosmetic:** Various cosmetic enhancements.
2. **Issue:** When the Master-detail data view is first loaded, the Data Summaries button is not grayed out.  
**Status:** This issue has been resolved.
3. **Issue:** In the Chart Setup, with multiple panels and titles, the Dock to Panel picklist is not linked to any of the selected titles.  
**Status:** This issue has been resolved.
4. **Issue:** In the Chart Setup, the titles do not save when a user selects another sheet in the grid.  
**Status:** This issue has been resolved.

## 4.2 build 0

1. **Major New Feature:** Added a Parameters Prompt dialog that can be configured in Data Viewer Designer. If configured, the Parameters Prompt dialog will display automatically when loading a Data View. It will contain one or more prompts like the one shown below. The actual prompts are customizable by the configuration managers of Data Viewer Designer so the prompts will vary depending on the Data View. The values entered will be saved automatically. This dialog can be configured in Data Viewer Designer to display periodically, e.g., once per year, once per month, every X number of days, etc.

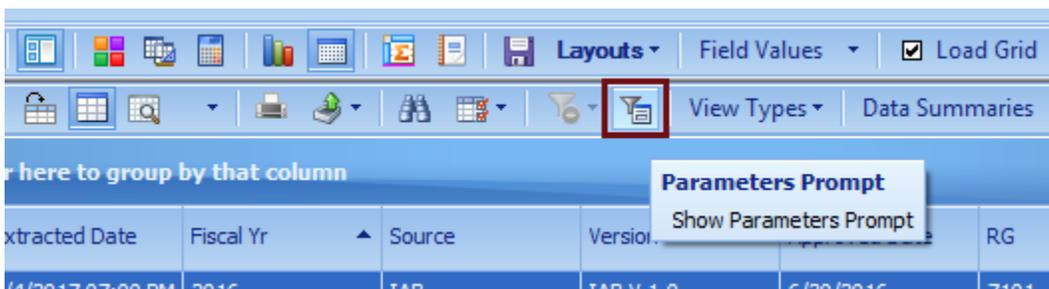


The Parameters Prompt dialog box is titled "Parameters Prompt" and contains a text area with the instruction "Please fill in the following parameters." Below this is a table with three columns: "Parameter", "Value", and "Description".

Parameter	Value	Description
Fiscal Year	2016	Select the Fiscal Year of the DWR data that you want to see.
Resource Group Code	7104	Select your Resource Group Code.

Below the table is a section titled "Parameter Description" with a scrollable text area containing the text: "Select the Fiscal Year of the DWR data that you want to see." At the bottom of the dialog, there is a note: "Note: The Cancel button will not load any data for the current query." and two buttons: "OK" and "Cancel".

Also, if configured, the Parameters Prompt button will appear as shown below so users can press that button at any time to display the Parameters Prompt dialog and enter a new response.

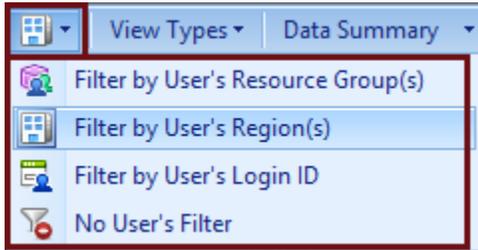


The same Parameters Prompt button will appear in other parts of Data Viewer as well such as Form Reports, the Pivot Grid, and Data Summary.



#### 4.1 build 0

1. **Major Upgrade:** To improve compatibility with Windows 10 and SQL Server 2016, we have upgraded our development tools and third-party controls (such as the grids, edit controls, buttons, etc.) to the latest version.
2. **Major New Feature:** Added the “User Login Filters” options to the grid toolbar for filtering the grid data by the user’s Resource Group(s), Region(s) or Login ID if it is configured in the Custom (or WRR) Control Panel and DataViewer Designer. The selected user login filter option will also apply to the Chart and Form Report.



3. **Major New Feature:** Added the “User Login Filters” options to the pivot grid toolbar for filtering the pivot grid data by the user’s Resource Group(s), Region(s) or Login ID if it is configured in the Custom (or WRR) Control Panel and DataViewer Designer.

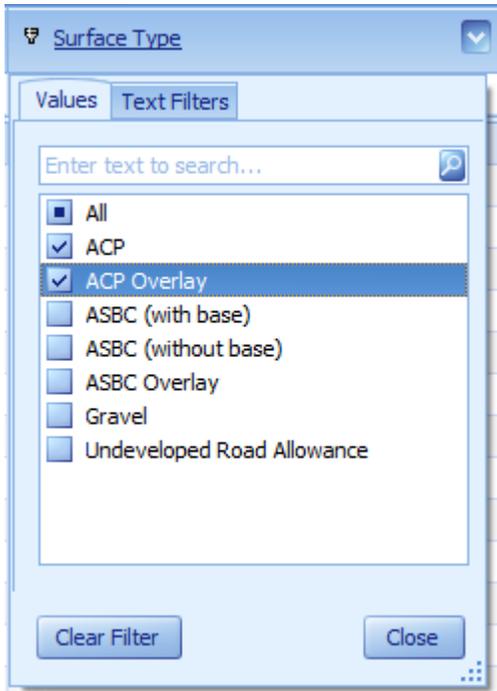


4. **Major New Feature:** Added the Excel style column filter dropdown to the grids. The initial default is the Classic filtering (same as the previous version). The default can be changed by using the setting “Default Column Filter Popup Mode” in the User Preferences dialog. Note: to use the Excel style filtering, the “Use Check Filter” option must be turned off for each applicable column. To turn off the “Use Check Filter” option, open the Move Columns dialog and uncheck the “Use Check Filter” or uncheck the “Select/Unselect All” box above that column.

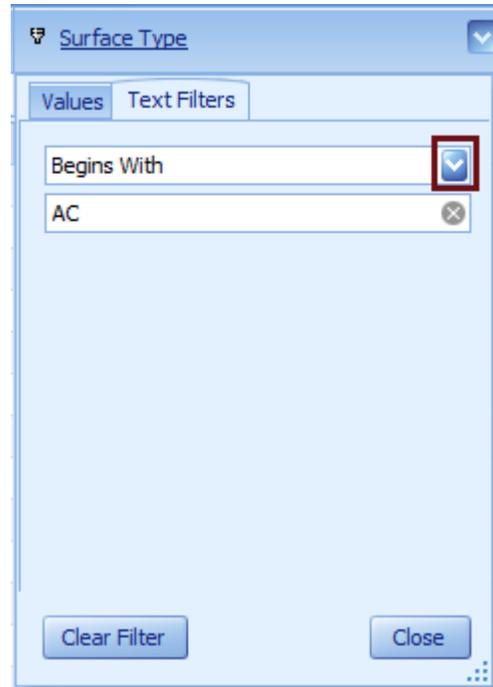
See the following modes for the various data types:

**Text data type:**

**Values tab**



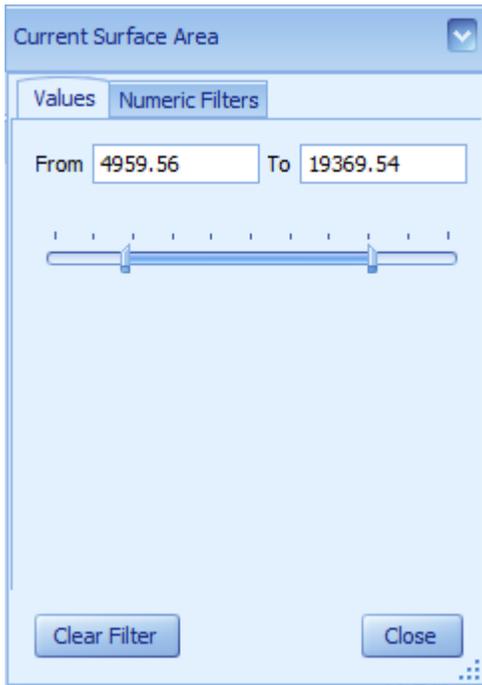
**Text Filters tab**



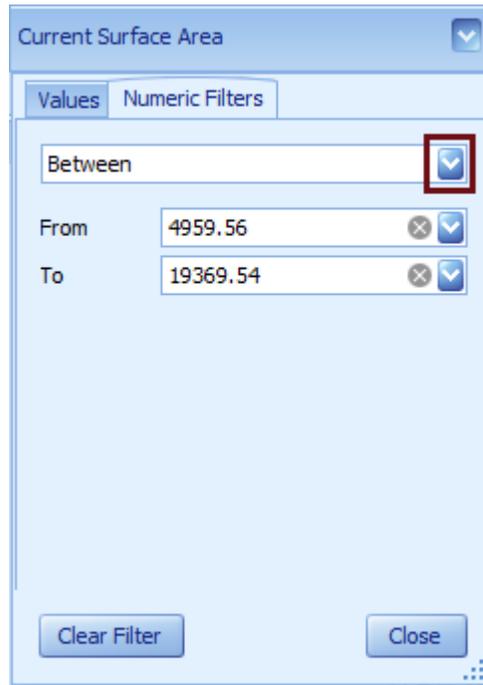
**Numeric data type:**

Users can either enter the From and To values or use the sliders to set the filter range.

**Values tab**

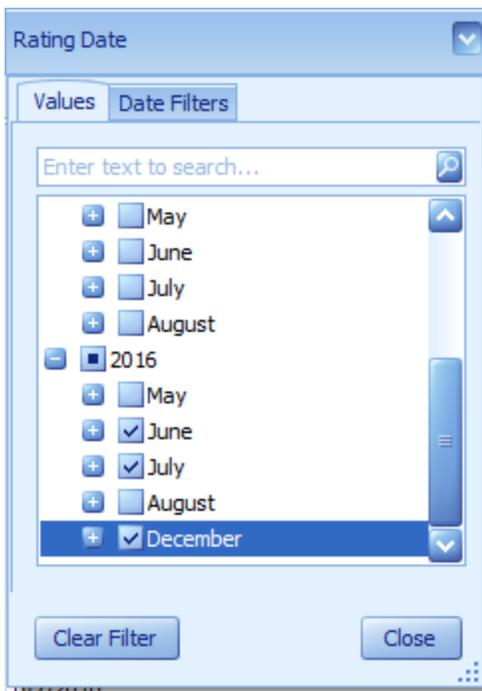


**Numeric Filters tab**

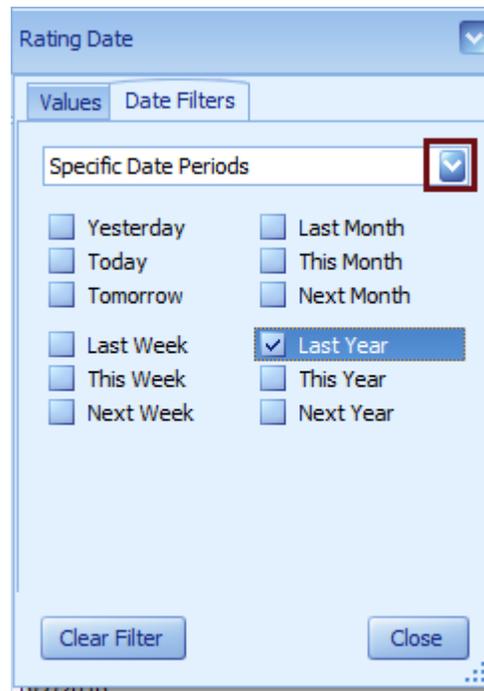


**Date data type:**

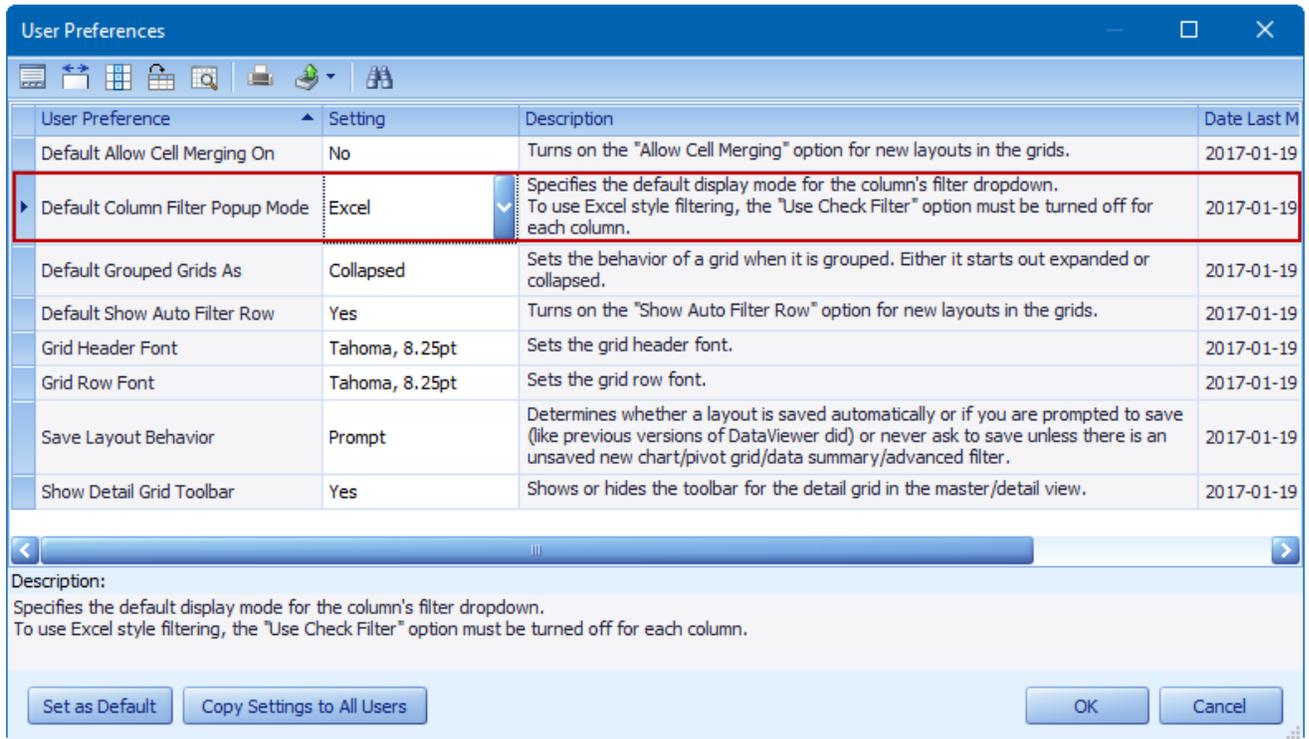
**Values tab**



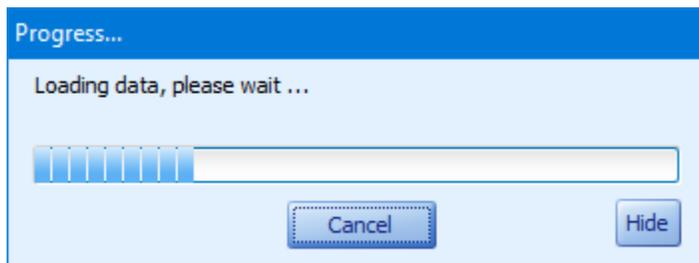
**Date Filters tab**



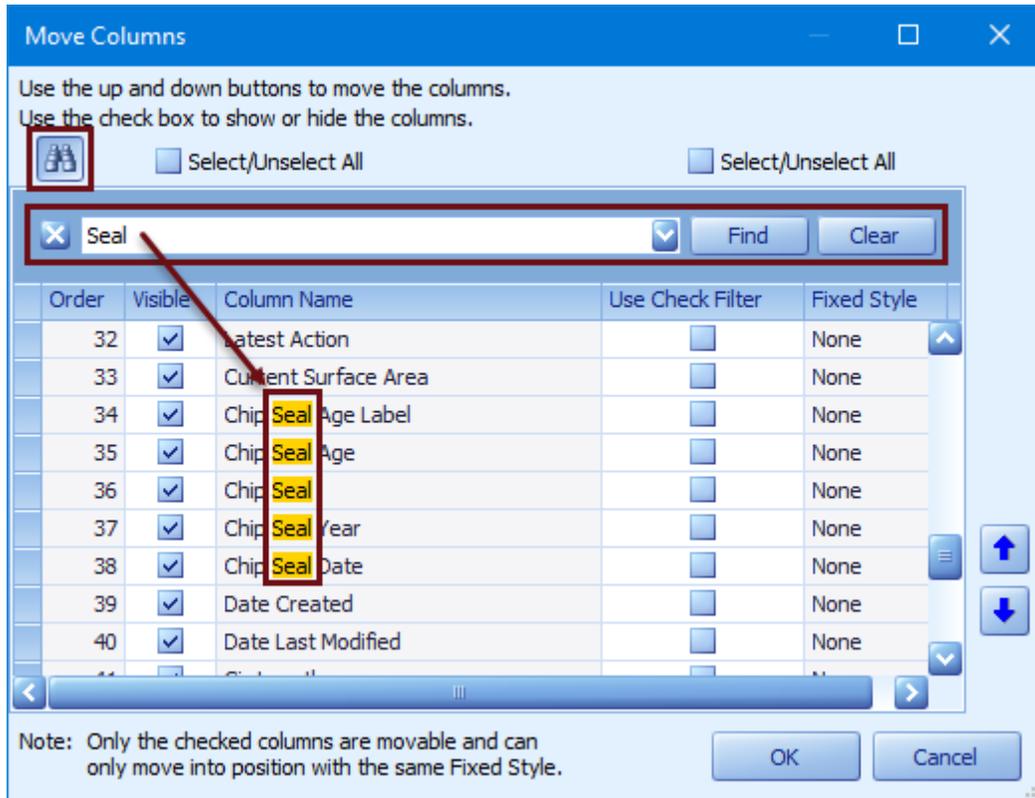
5. **New Feature:** Added new setting “Default Column Filter Popup Mode” to the User Preferences dialog. The two options are “Classic” and “Excel”. “Classic” is the original filtering option (as in the previous version). “Excel” is the new filtering option mentioned above.



6. **New Feature:** Added the Progress dialog for showing the progress when loading the data. Users can press the Cancel button to cancel the load data process or press the Hide button to hide the Progress dialog.



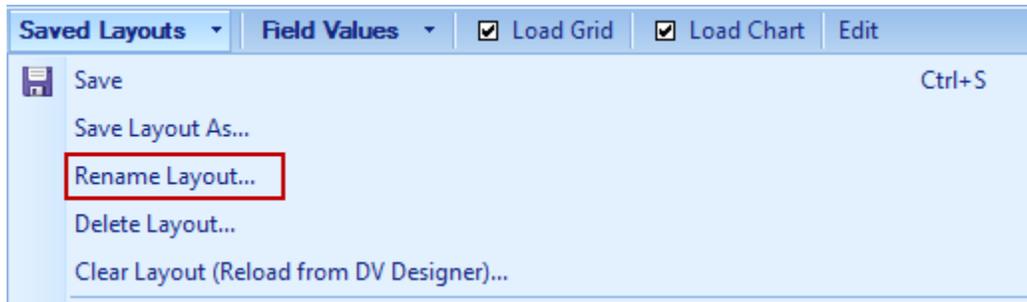
7. **New Feature:** Added a button to the “Move Columns” dialog for showing or hide the Find panel for the grid. As shown below, the search text is highlighted in the grid. The purpose of this so it is easier to find columns to move.



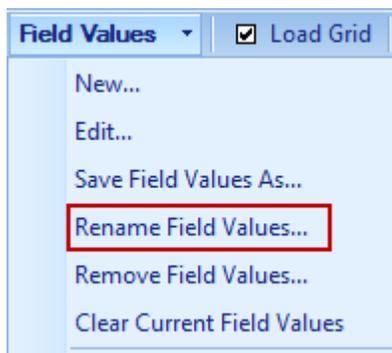
8. **New Feature:** Added more Office themes to the Themes menu.



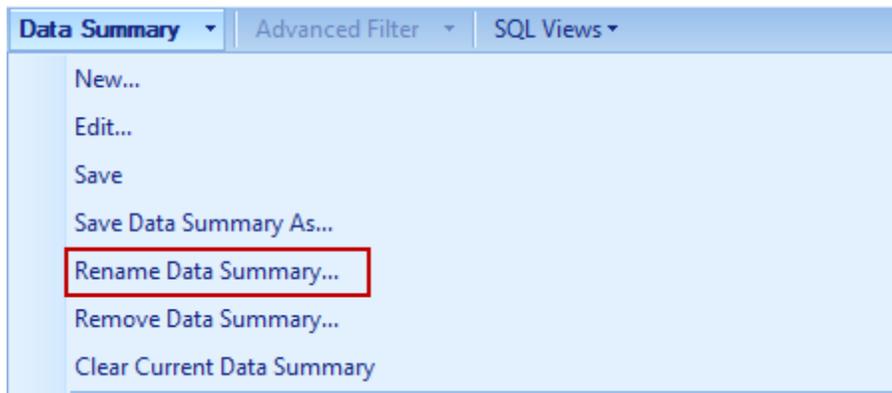
9. **New Feature:** Added the “Rename Layout” menu item to the Main grid for renaming the selected grid layout name.



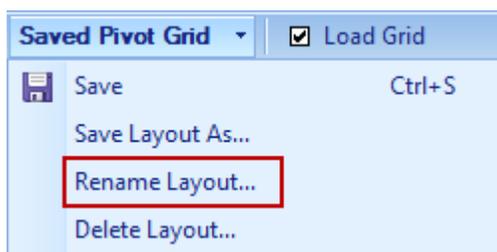
10. **New Feature:** Added the “Rename Field Values” menu item to the Main grid for renaming the selected Field Values name.



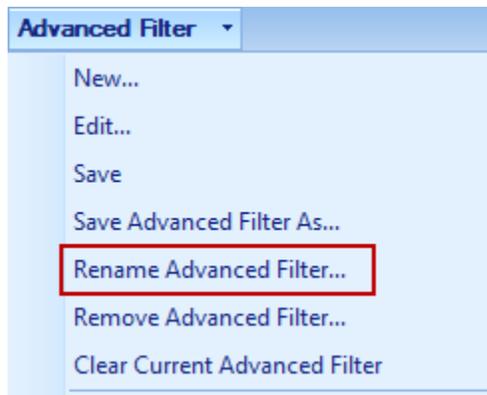
11. **New Feature:** Added the “Rename Field Values” menu item to the Data Summary grid for renaming the selected Data Summary name.



12. **New Feature:** Added the “Rename Layout” menu item to the Pivot grid for renaming the selected Pivot grid layout name.



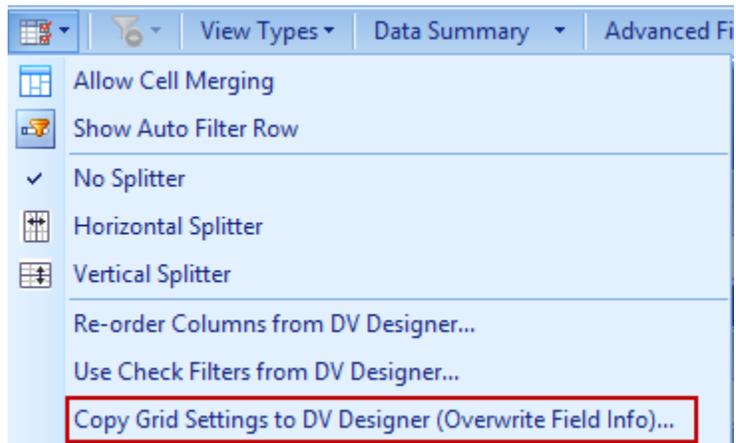
13. **New Feature:** Added the “Rename Advanced Filter” menu item to the Main grid and Pivot grid for renaming the selected Advanced Filter name.



14. **New Feature:** Added the “Copy Grid Settings to DV Designer (Overwrite Field Info)” menu item to the Main grid for copying the grid settings to DV Designer. This feature is only visible for users who have DV Designer access.

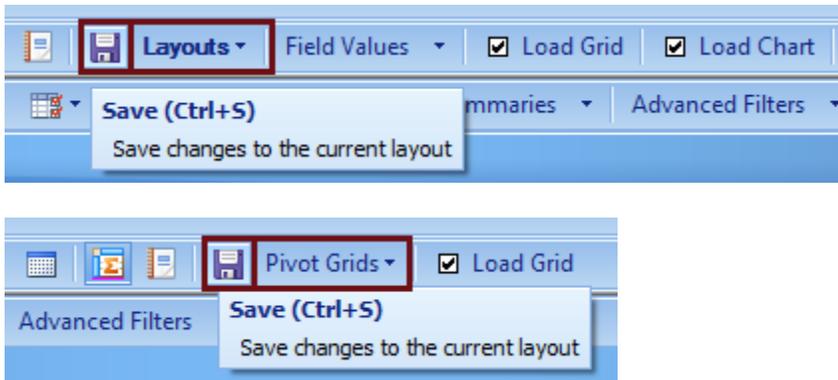
The settings that will be copied are:

- Field order (grouped columns go first)
- Check Filter
- Display Format (if it is set in the column properties)
- Visible in Grid



15. **Enhancement:** Improved performance on the Pivot Grid Setup dialog by loading a maximum sample set of 10,000 records instead of all records. The main Pivot Grid still loads all records.
16. **Enhancement:** Improved the memory usage and error handling.
17. **Enhancement:** Improved performance on loading the data for the multiple series chart.

18. **Cosmetic:** Split the Save and the Layouts buttons into two separate buttons as shown below. Changed the Save button to an icon. Made the same change for the Pivot Grids.



19. **Issue:** The menu item “Save Layout As” for the grid doesn’t copy the chart details for the Master/Detail view when the displaying view is Flat view. It also doesn’t copy the chart details for the Flat view when the displaying view is Master/Detail view.

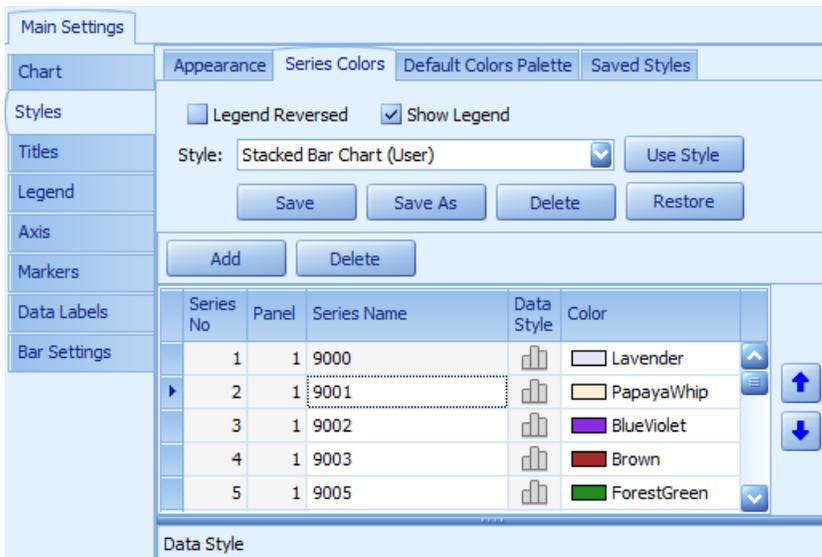
**Status:** This issue has been resolved.

4.0 build 5

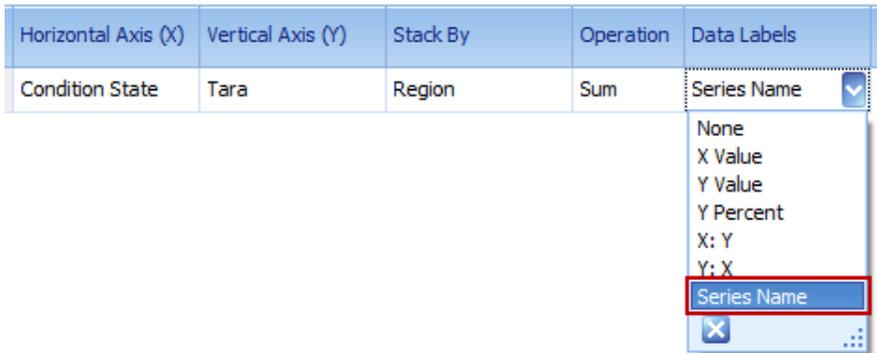
1. **Modification:** Changed the way that Data Viewer is checking for the application license information.

4.0 build 4

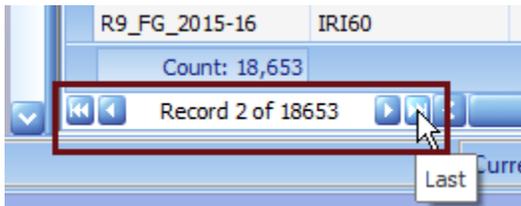
1. **New Feature:** On the Chart Setup screen, added the Series Colors Styles feature for setting the chart series colors. Various Series Colors Styles can be saved and used in any other charts. When using the saved style for the Stacked Chart, it matches each series name to set the series colors. For other chart types, it sets the series colors based on the series order. Also, added the ability to add or delete series colors data for the Stacked Chart. This is useful for setting up the colors for all stacked values, even when some of them are not currently showing in the chart.



2. **New Feature:** On the Chart Setup screen, added the pick list item “Series Name” to the Data Labels column for displaying series name as data label on the chart.



3. **Enhancement:** Enhanced DataViewer to allow loading the source data even when the tables for the source data are being locked by other applications.
4. **New Feature:** Added the navigator buttons to each grid (located at the bottom left) so it is much easier to move to the top or the bottom of the grid at a push of a button.

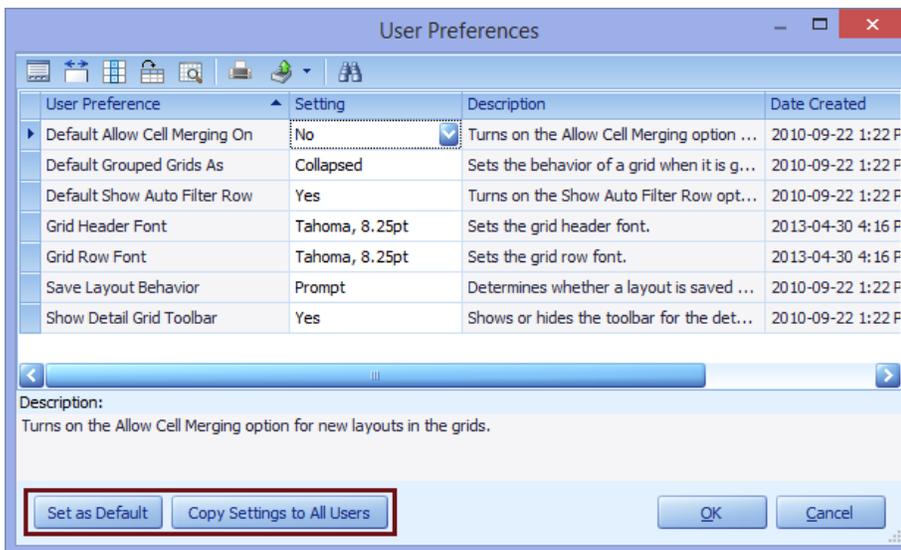
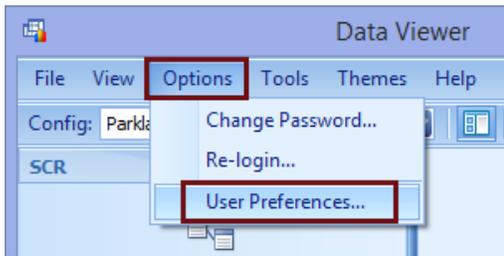


#### 4.0 build 3

1. **Enhancement:** Changed the Import/Export Layouts to use the DB Version to check for database structure compatibility instead of the Update DB Version. Also added the Source App Version and Destination App Version information.
2. **Issue:** The grid loads no data when the data view has only master/detail view defined and there is no flat view.  
**Status:** This issue has been resolved.

#### 4.0 build 2

1. **New Feature:** Added buttons “Set as Default” and “Copy Settings to All Users” to the User Preferences dialog. These buttons are only visible when the user security setting “User Can Set Default Preferences” is set to Yes.



2. **Enhancement:** Improved the export to Excel (xls) and Excel 2007 (xlsx) for Pivot grids.

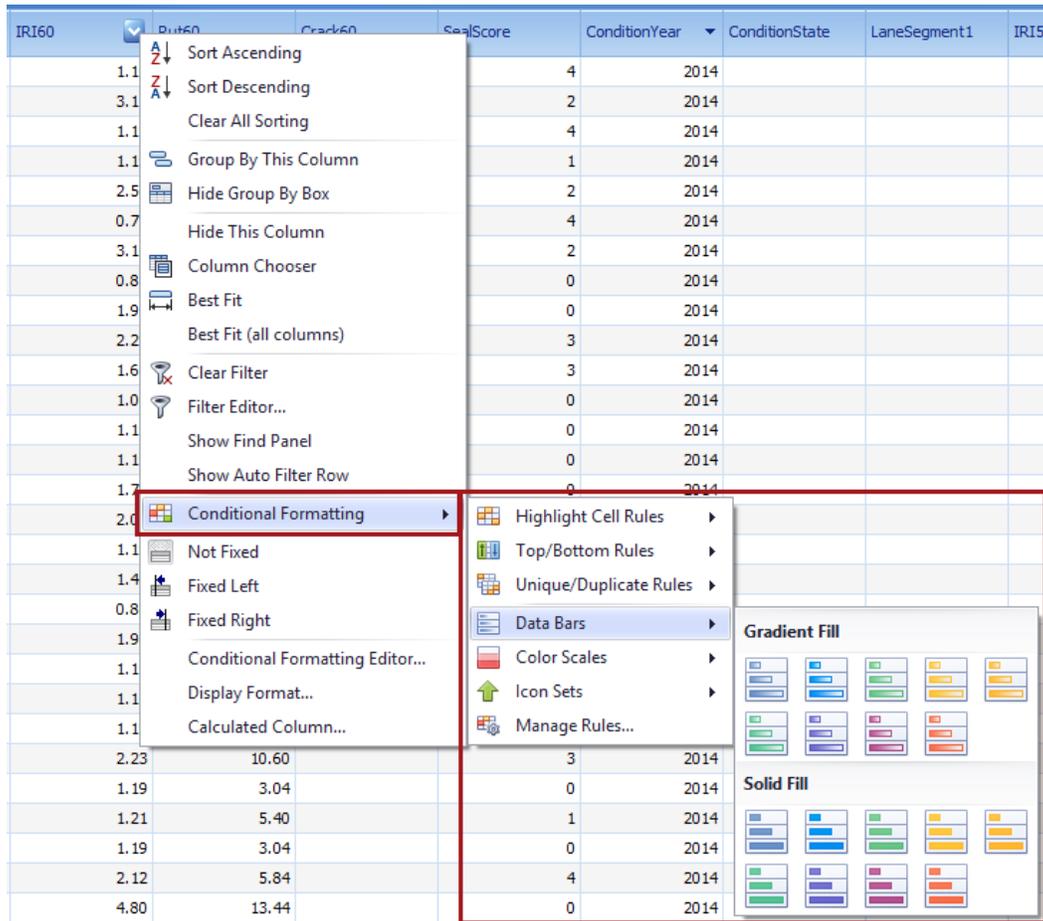
#### 4.0 build 1

1. **Enhancement:** Improved the detection a running instance of the applications in various Windows environments and security levels. For example, when the Edit button is pressed in Data Viewer, it can detect if the editing application like Data Manager or Asset Register is already running and simply bring it to the foreground and locate the selected record.

#### 4.0 build 0

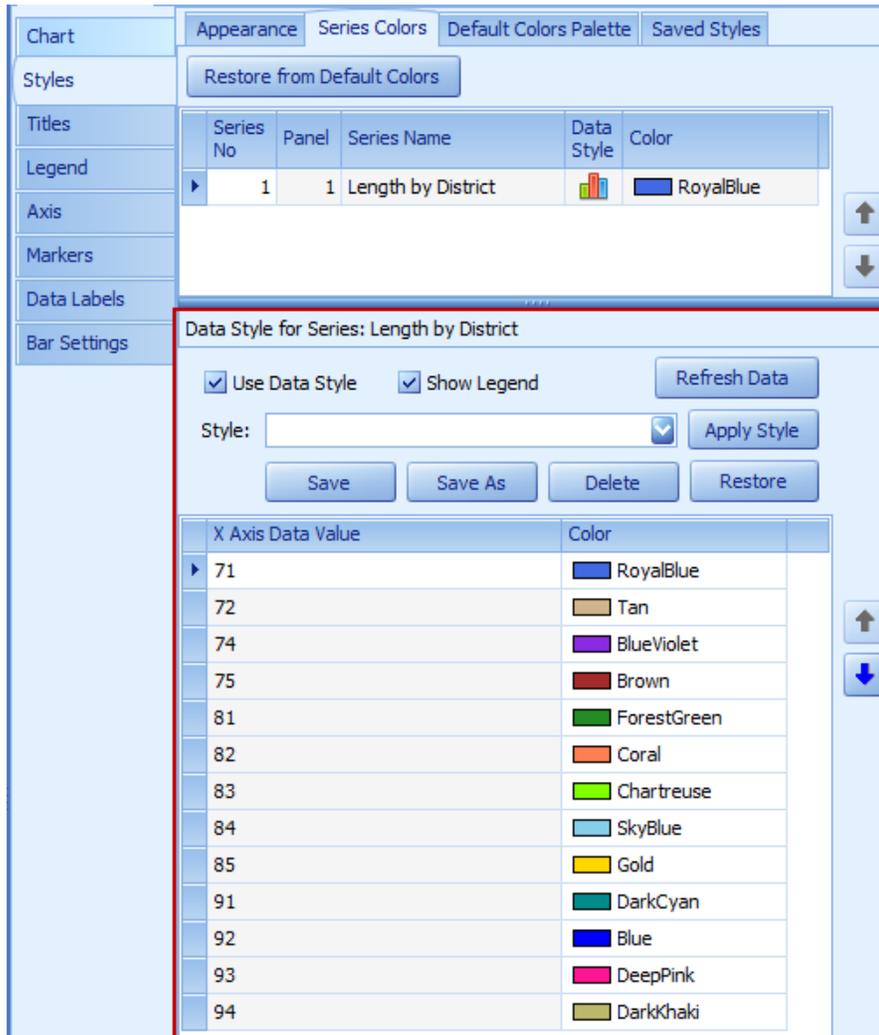
1. **Major Upgrade:** The form reporting tool in Data Viewer and Data Viewer Designer has been upgraded to an entirely new interface that is much easier to use than the previous version.
2. **Major Upgrade:** All other third-party controls (such as the grid, the sidebar, etc.) have been upgraded to the latest version as well. There have been many enhancements to the grids as a result of this upgrade.

3. **Major Enhancement:** The new version of the grid now supports MS Excel-style conditional formatting. This new conditional formatting can be accessed by right-clicking on the column header. The conditional formatting from previous versions of Data Viewer is still supported.



4. **Major Enhancement:** Many internal enhancements have been made to the charting feature including the Chart Setup dialog so charting is much more robust.

- Major New Feature:** Added the Data Style feature to the chart setup dialog for setting the series colors based on the X Axis Data Value. Various Data Styles can be saved and used in any other charts with the same data on the X Axis. E.g., Region 7, 8, 9 or Good, Fair, Poor, etc.



- New Feature:** Data Viewer now logs every time a user creates a SQL view or exports data to a SQL table. There are new data views of these log tables in the System config so users can find what data view the SQL view or table was created from.

7. **New Feature:** Added the ability to multi-select any number of cells in Data Viewer then copy and paste that data into other software like MS Word, MS Excel, etc.

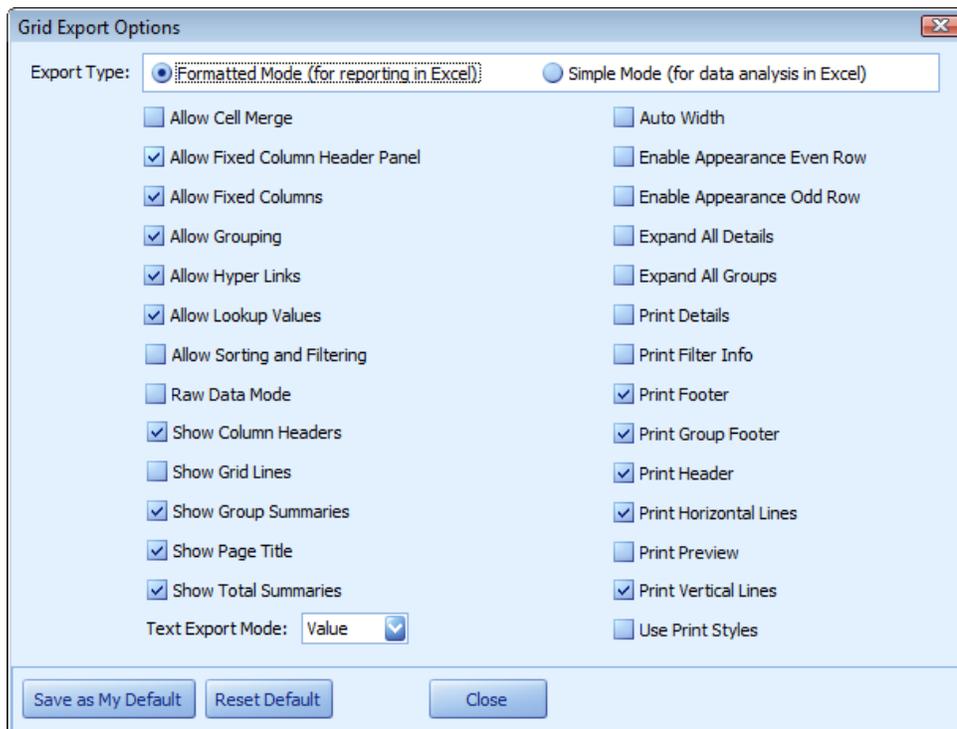
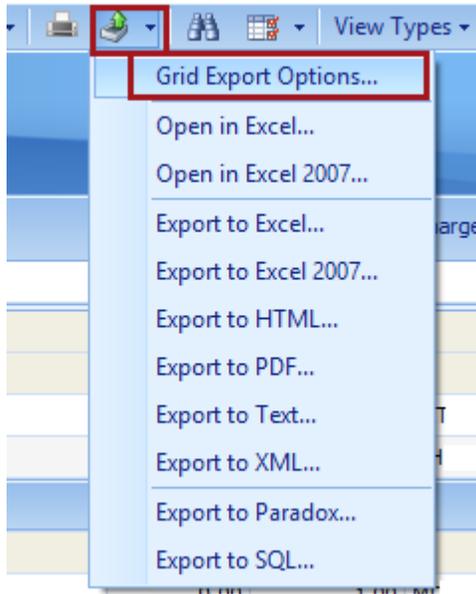
The following functionality is included with this feature in Data Viewer:

- Click and Drag to select any combination of cells.
- Ctrl – A to select the entire grid.
- Click and Shift-Click to quickly select one or more columns or any large range of data.
- Ctrl – C to copy the selected cells.
- Column Headers are copied.
- Conditional Formatting is copied.

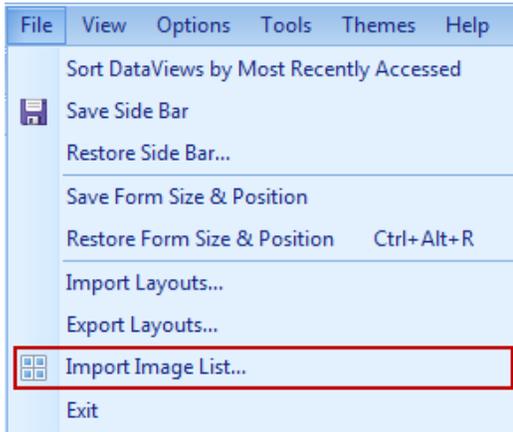
Note: we added the red box in this screen shot to show the cells that are selected.

From	To	Condition...	Surface Type
South shoulder of Service Road	130m North of South entrance to Spruce Valley...	5	ASBC (with base)
South shoulder of Twp Rd 525A	800m north of Twp Rd 525A	1	ASBC (with base)
Undeveloped Twp Rd 530	South shoulder of Parkland Drive	5	ASBC (with base)
Twp Rd 522	Twp Rd 523	1	ASBC (with base)
North Prop Line of Hwy 16	Quarter line at Twp Rd 533	1	ASBC (with base)
Quarter line at Twp Rd 533	Quarter line at Twp Rd 534	5	ASBC (with base)
Quarter line of Twp Rd 534	South entrance of Canterbury Estates	5	ASBC (with base)
Quarter line of Twp Rd 533	South Prop Line of Twp Rd 534	1	ASBC (without base)
Twp Rd 525	South Prop Line of Twp Rd 530	2	ACP
South Prop Line of Twp Rd 530	Twp Rd 531	1	ACP
Twp Rd 533	North of North entrance to Westland Park Subd	1	ACP
931m North of Twp Rd 533	South Prop Line of Twp Rd 534	6	ASBC (without base)
North Prop Line of Twp Rd 534	County north boundary	5	ASBC (without base)
North Prop Line of Hwy 16	Quarter line of Twp Rd 535	5	ASBC (without base)
Sundance Road	Twp Rd 530	5	ASBC (with base)
South boundary of Twp Rd 530	200 m north	5	ASBC (with base)
Intersection with Rge Rd 55A	South Prop Line of Hwy 16	5	ASBC (without base)
Corporate Boundary of the Summer ...	Intersection with Rge Rd 55	2	ASBC (without base)

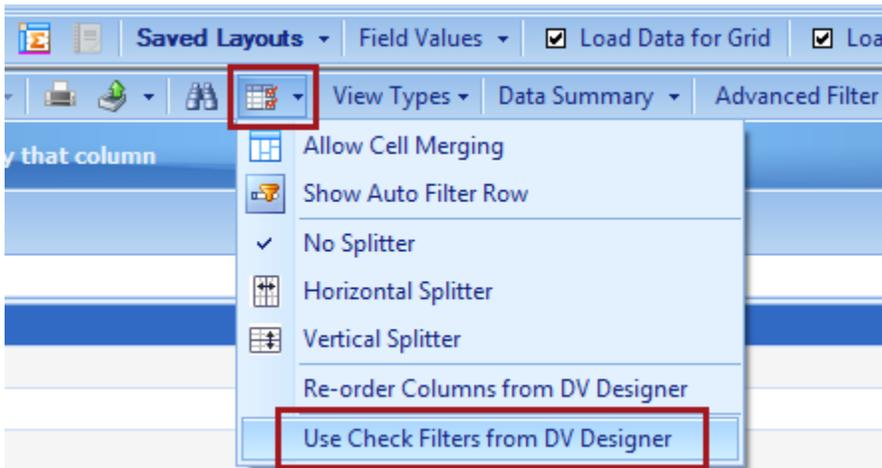
8. **New Feature:** Added the menu item “Grid Export Options” to the grid toolbar’s export menu for setting the grid export options.



9. **New Feature:** Added the menu item “File\Import Image List” for importing the image list provided by VEMAX. To enable this menu item, set the user setting “User Can Import Image List” to Yes in the Custom Control Panel.



10. **New Feature:** Added a new grid option called: “Use Check Filters from DV Designer”. The intent is that the Configuration Manager will setup appropriate columns to use the Check Filters in Data Viewer Designer. This feature makes it easy for each user to change the grid’s column filtering mode to Check Filters based on what is setup in Data Viewer Designer for layouts that are already saved. data views without any saved layouts will get the Checked Filters automatically.



Reminder: Check Filters in the grid simplify filtering by multiple values at once. Check Filters was introduced in version 3.1 build 0 of Data Viewer. They look like this:

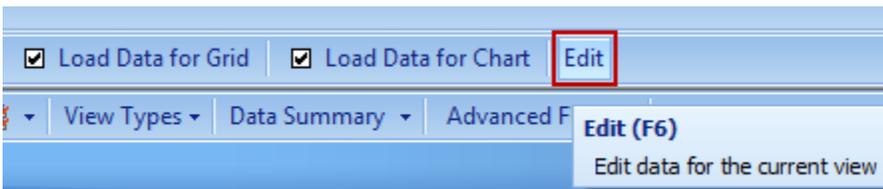
From	To	Condition State	Rut60	Iri60	Crack60
0.00	1.14	(Select All)		3.00	0.00
0.00	0.06	<input checked="" type="checkbox"/> 1		3.00	0.00
0.00	0.69	<input type="checkbox"/> 2		3.00	0.00
12.21	15.50	<input type="checkbox"/> 3		3.90	79.30
3.20	4.44	<input checked="" type="checkbox"/> 4		3.00	60.00
0.94	1.35	<input type="checkbox"/> 5		1.00	20.00
0.00	0.50	<input type="checkbox"/> 6		1.00	20.00
0.00	0.46	<input checked="" type="checkbox"/> 7		1.00	20.00
0.00	0.86	<input type="checkbox"/> 8		2.00	20.00
0.00	0.94		1	2.00	1.00
					0.00

This is what the “Use Check Filter” column looks like in the Field Info tab in Data Viewer Designer. This feature was introduced in version 3.1 build 0 of Data Viewer Designer.

Field Name	Alias	Field Order	Use Check Filter
[Login Date]	Login Date	1	<input type="checkbox"/>
[Full Name]	Full Name	2	<input checked="" type="checkbox"/>
[User Name]	User Name	3	<input checked="" type="checkbox"/>
[App English Name]	App English Name	4	<input checked="" type="checkbox"/>
[Database English Name]	Database English Name	5	<input checked="" type="checkbox"/>
[Physical Database Name]	Physical Database Name	6	<input checked="" type="checkbox"/>
[Original Database Name]	Original Database Name	7	<input checked="" type="checkbox"/>
[Phone No]	Phone No	8	<input type="checkbox"/>
[Email]	Email	9	<input type="checkbox"/>

11. **Enhancement:** Added many more icons to the Image List. There are now over 17,000 images to choose from.

12. **Enhancement:** Greatly improved the performance of Edit button and the ability to find the record in Data Manager and Asset Register.



13. **Modification:** Data Viewer no longer reads the settings “Max Records in Grid” and “Max Records in Chart” from the file Vemax.GlobalInfo.dat. Instead, it reads these settings from the database. These settings are defined in the Data Viewer Designer for each DataView Level. If the “Max Records in Grid” value is blank or zero, Data Viewer will not do the maximum records check when loading the grid to improve performance of querying the data. If the “Max Records in Chart” value is blank or zero, Data Viewer will not do the maximum records check when loading the chart to improve performance of querying the data.

Levels	Field Info	Edit Info	Test Field SQL
Level Name:	<input type="text" value="DWR Performance Flat"/>	Max Records in Grid:	<input type="text" value="100000"/> <input type="button" value="Clear"/>
Level Type:	<input type="text" value="Flat"/>	Max Records in Chart:	<input type="text" value="50000"/> <input type="button" value="Clear"/>

14. **Issue:** The chart setup information is not saved correctly with the layout when there are multiple chart sheets defined.

**Status:** This issue is resolved.

15. **Issue:** The data for the Data Summary grid is not sorted when loading the grid.

**Status:** This issue is resolved.

16. **Issue:** The Data Summary grid is not loaded properly when switching the View Type from Flat Card View to Flat Grid View.

**Status:** This issue is resolved.

17. **Issue:** The Refresh (F5) menu item doesn't refresh the Connection Info selected in DV Designer.

**Status:** This issue is resolved.

### 3.2 build 3

1. **Issue:** The Advanced Filter dialog shows empty pick list for the Operator column when the selected field's data type is Date.

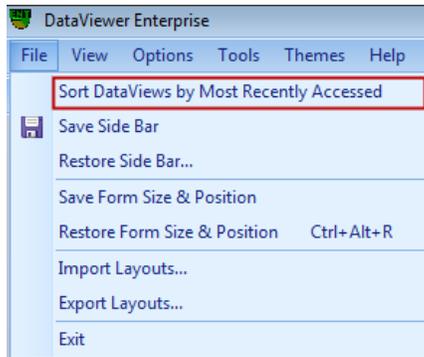
**Status:** This issue is resolved.

### 3.2 build 2

1. **Enhancement:** If the agency setting “Agency Layout Overwrite Warning” is set to Yes and the user setting “Suppress Agency Layout Overwrite Warning” is set to No, Data Viewer will show a warning message when the user trying to save the agency layout that was created by someone else.

2. **Enhancement:** If the user setting “User Can Set Default for Agency Layouts” is set to Yes, Data Viewer will enable the Default check box on the Save Layout As dialog for saving the agency layout.

3. **New Feature:** Added new menu item “Sort DataViews by Most Recently Accessed” for sorting the DataViews by most recently accessed.



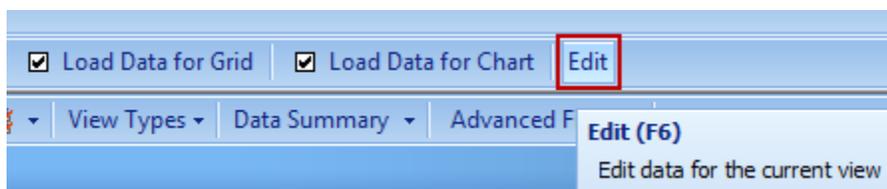
4. **Cosmetic:** Replaced the icons on the buttons with newer images.
5. **Issue:** The chart doesn't filter the data properly when the grid is in “Grid/ Grid View” and the grid filter is set.  
**Status:** This issue is resolved.
6. **Issue:** An error occurs when drawing the chart with the grid filter set and the grid filter string contains the “#” character.  
**Status:** This issue is resolved.
7. **Issue:** After the column display format has been changed from the Display Form dialog, the grid footer still shows the value in old display format.  
**Status:** This issue is resolved.

### 3.2 build 1

1. **Enhancement:** Changed the grid to automatically adjust the row height based on the cell content.
2. **Enhancement:** In the Chart Setup screen, the series order of the chart can be arranged by using the Up and Down buttons on the Styles\Series Colors tab.
3. **Issue:** In the Chart Setup screen, the Vertical (Y) Axis Max Scale edit box on the Axis\Scale tab does not retain what the user entered.  
**Status:** This issue is resolved.

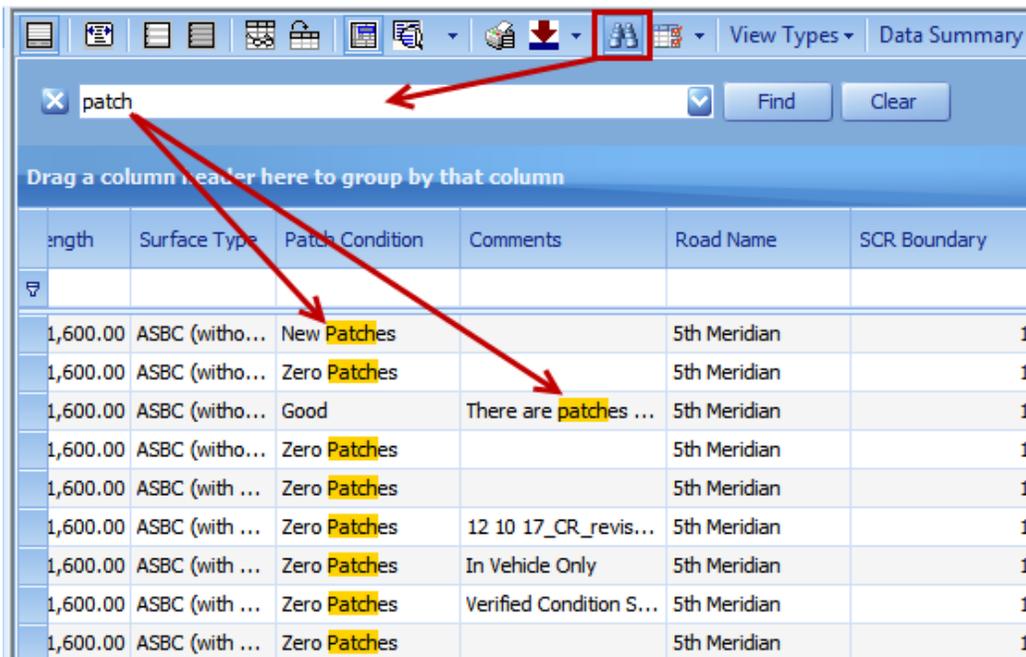
### 3.2 build 0

1. **Upgrade:** The third-party controls (such as the grid, the sidebar, form report etc.) have been upgraded to the latest version.
2. **Enhancement:** Greatly improved the Edit button and changed the Edit button shortcut to F6 for quicker access.



### 3.1 build 2

1. **Enhancement:** Data Viewer can load the sidebar images stored in the database.
2. **Upgrade:** The third-party controls (such as the grid, the sidebar, form report etc.) have been upgraded to the latest version.
3. **New Feature:** Added the “Show/Hide Find Panel” button to the grid toolbars. A Find Panel is an easy and straightforward way for end-users to locate information within the grid control. To execute a search, simply press the “Show/Hide Find Panel” button or press the keys “CTRL+F”, enter text within the Find box and the grid will display those records that have partially matching values in any of the columns in the grid. This is an extremely fast way to find something without knowing what column the data is in.



4. **Issue:** The Form Report is not displaying the data correctly.  
**Status:** This issue is resolved.

### 3.1 build 1

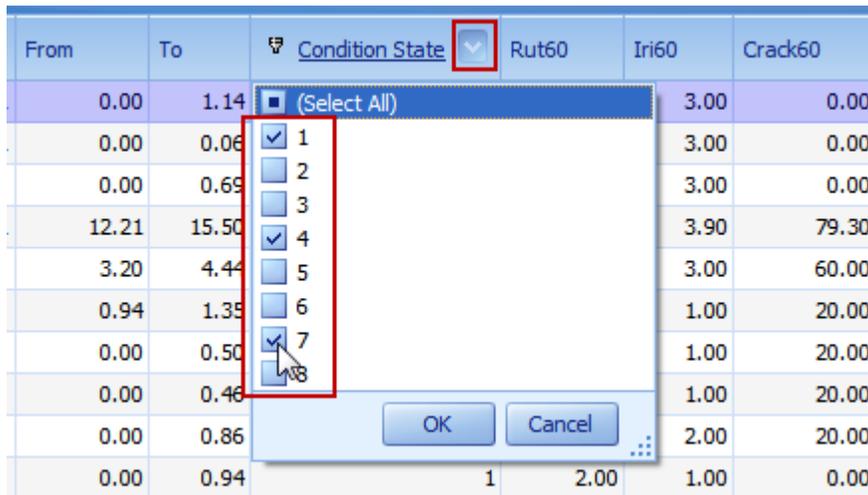
1. **Enhancement:** Improved the parser to handle complex SQL statements.
2. **Enhancement:** Data Viewer grid now supports displaying rich text.
3. **Upgrade:** The third-party controls (such as the grid, the sidebar, form report etc.) have been upgraded to the latest version.
4. **Issue:** The label format for the chart’s vertical axis is not saved with the layout.  
**Status:** This issue is resolved.
5. **Issue:** An error occurs when exporting the grid to SQL table and the grid contains column(s) with binary data type.  
**Status:** This issue is resolved.

### 3.1 build 0

1. **Major New Feature:** Added the Edit button to the toolbar for opening an application defined from Data Viewer Designer. Currently the supported applications are Custom DWR and Asset Register (AR) Viewer.

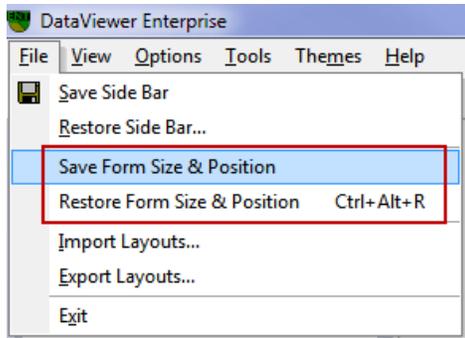


2. **New Feature:** The column's filter dropdown now can be displayed as a checked list or as a regular list. The Checked Filter option is defined in the Move Columns dialog in Data Viewer or in Data Viewer Designer by the "Use Check Filter" check box column in the "Field Info" grid.

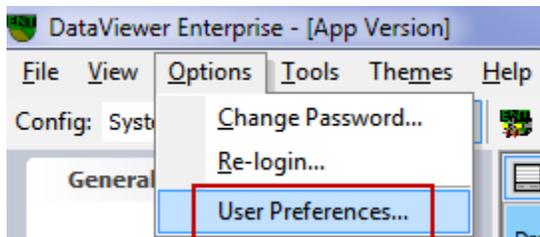


3. **Enhancement:** The Config Pick List is now filtered to only show the configurations that the current user has access to. This list is going to grow and most users don't have access to most configurations so they should not even see them.
4. **Upgrade:** The third-party controls (such as the grid, the sidebar, form report etc.) have been upgraded to the latest version. As a result, Data Viewer is faster at loading and displaying the grid.

- New Feature:** Added the ability to save and restore the size and position of the application. This is to overcome Issues some users who have two monitors experience in a Citrix environment. To use this feature, simply move Data Viewer to where you want it to always load then click on the “Save Form Size & Position” item under the File menu item as shown below. If you want to clear these settings and go back to the default behavior, click on the “Restore Form Size & Position” menu item or press Ctrl + Alt + R on the keyboard.



- New Feature:** added two new User Preferences to set the Header Font and the Row Font for the grids. To get to the User Preferences, click on the Options menu then click on “User Preferences”.



 A screenshot of the 'User Preferences' dialog box. It contains a table with columns for 'User Preference', 'Setting', and 'Description'. The 'Grid Header Font' and 'Grid Row Font' rows are highlighted with a red rectangular box.
 

User Preference	Setting	Description
Default Allow Cell Merging On	No	Turns on the Allow Cell Merging option f
Default Grouped Grids As	Expanded	Sets the behavior of a grid when it is gr
Default Show Auto Filter Row	No	Turns on the Show Auto Filter Row opti
Grid Header Font	Tahoma, 8.25pt	Sets the grid header font.
Grid Row Font	Tahoma, 8.25pt	Sets the grid row font.
Save Layout Behavior	Prompt	Determines whether a layout is saved a
Show Detail Grid Toolbar	No	Shows or hides the toolbar for the detai

### 3.0 build 3

- Modification:** Some cosmetic changes.

### 3.0 build 2

- Issue:** An error occurs when trying to draw multiple chart panels containing stacked chart type.  
**Status:** This issue is resolved.

### 3.0 build 1

1. **Issue:** The Axis Scale tab on the Chart Setup screen doesn't save the Min, Max, and Interval setting values.  
**Status:** This issue is resolved.
2. **Issue:** The chart is causing an error and drawing a big red X on it when there are no data points for the chart.  
**Status:** This issue is resolved.
3. **New Feature:** In the Chart Setup screen, if you double click on a specific chart area (like the title, legend, axis, etc.) it will take you to the settings tab for that part of the chart.
4. **Enhancement:** Added the "Show End Label" check box to the Axis – General tab on the Chart Setup screen. This is for showing or hiding the end label on the axis.
5. **Enhancement:** The Import Layouts dialog now supports both ".dvl" and ".zip" import files. It's required that the ".zip" file must contain a single ".dvl" file. This means that you no longer have to extract the export file before importing it.
6. **Modification:** The 3D chart type has been removed due to instability of the charting component.

### 3.0 build 0

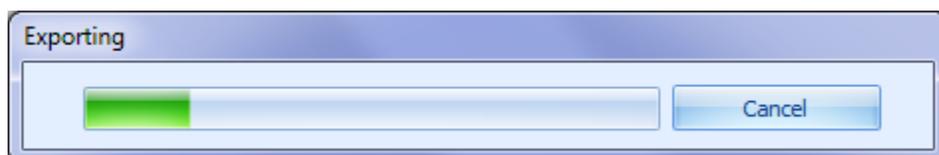
1. **Major New Feature:** The Charting component has been replaced with a newer and more powerful one. Also, the Chart Setup screen has been redesigned.
2. **Upgrade:** The Data Viewer Enterprise application has been upgraded to support .NET Framework version 4.0. This version of the .NET Framework needs to be installed before the Data Viewer Enterprise application can be run.

### 2.3 build 1

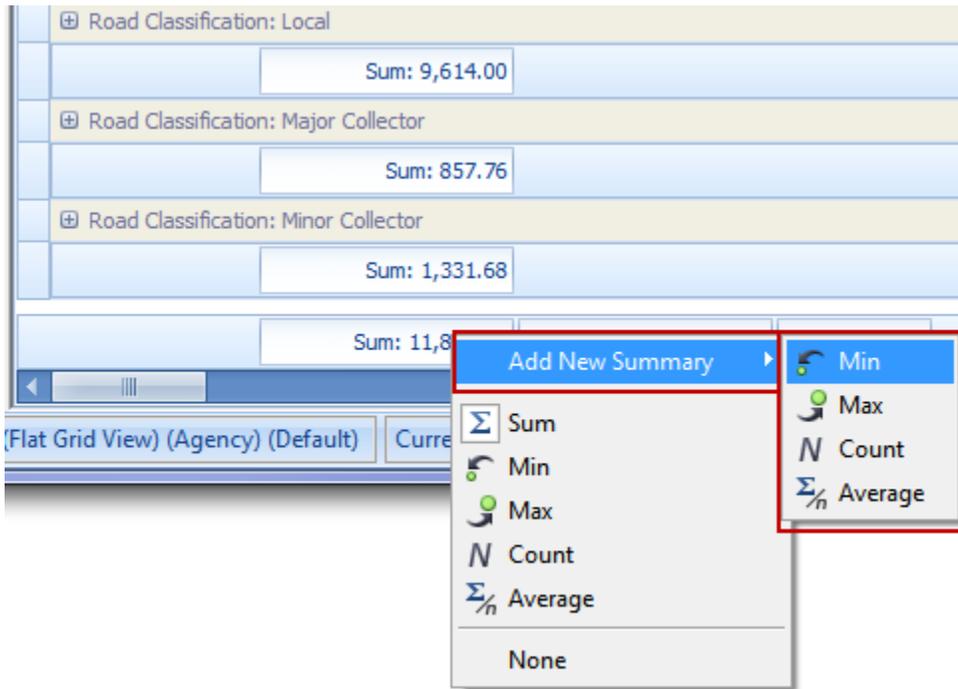
1. **Upgrade:** The third-party controls (such as the grid, the sidebar, etc.) have been upgraded to the latest version.
2. **Issue:** The Auto Filter Row is causing SQL syntax error when the user starts typing on it and the chart is trying to re-load the data.  
**Status:** This issue is resolved.

### 2.3 build 0

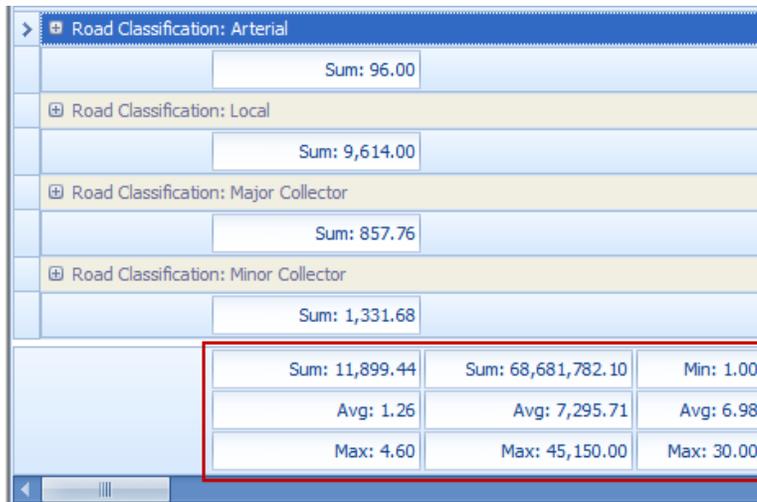
1. **Upgrade:** The third-party controls (such as the grid, the sidebar, etc.) have been upgraded to the latest version.
2. **Enhancement:** Improved performance when printing the grid and when exporting the grid data to an Excel file (including opening the grid in Excel).
3. **Enhancement:** A progress meter and Cancel button are now displayed during the Print Grid and Exporting processes.



4. **New Feature:** A new Summary menu has been added to the grid footer to allow multiple rows of summarization such as Sum, Min, Max, etc. as shown below. This menu only appears when the user right-clicks on an existing grid footer.



The screen shot below shows multiple grid footer rows.



## 2.2 build 3

1. **Issue:** The Chart is not loading with correct data when the Series & Grid Filter is used and the Grid Filter text contains the SQL keyword "OR".  
**Status:** This issue is resolved.
2. **Issue:** The Chart Setup screen doesn't allow using the same Series Name for different Chart Sheets.  
**Status:** This issue is resolved.

## 2.2 build 2

1. **Issue:** The Data Viewer Designer Enterprise application doesn't show the login screen when the user runs it from the Data Viewer Enterprise application without the designer access.  
**Status:** This issue is resolved.

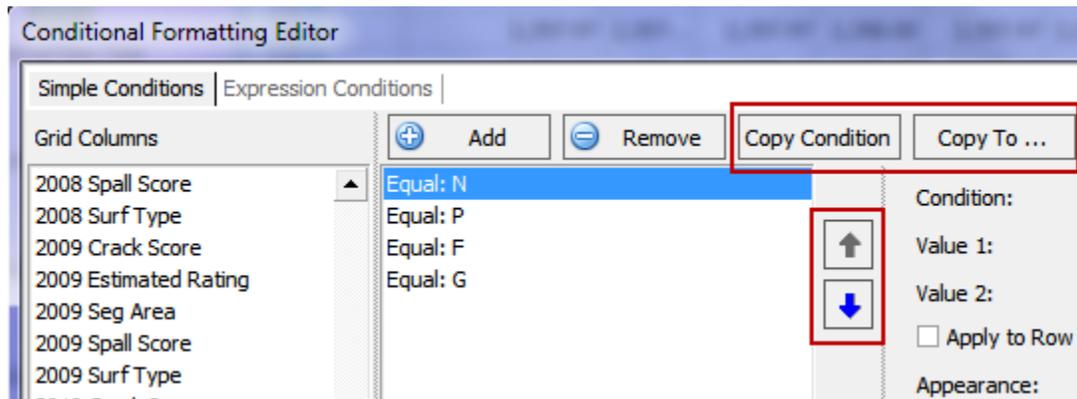
## 2.2 build 1

1. **New Feature:** Added the Copy Condition, Copy To, and Up/Down buttons to the Conditional Formatting Editor screen:

Copy Condition – Adds new condition and copy the settings from the selected one.

Copy To – Copy the selected column's conditions to other compatible column(s).

Up/Down – Move the selected condition up or down in the condition list box. If there are any overlaps in the criteria for the conditional values, then the order is important. If this is the case, the last criteria to be met will take precedence.

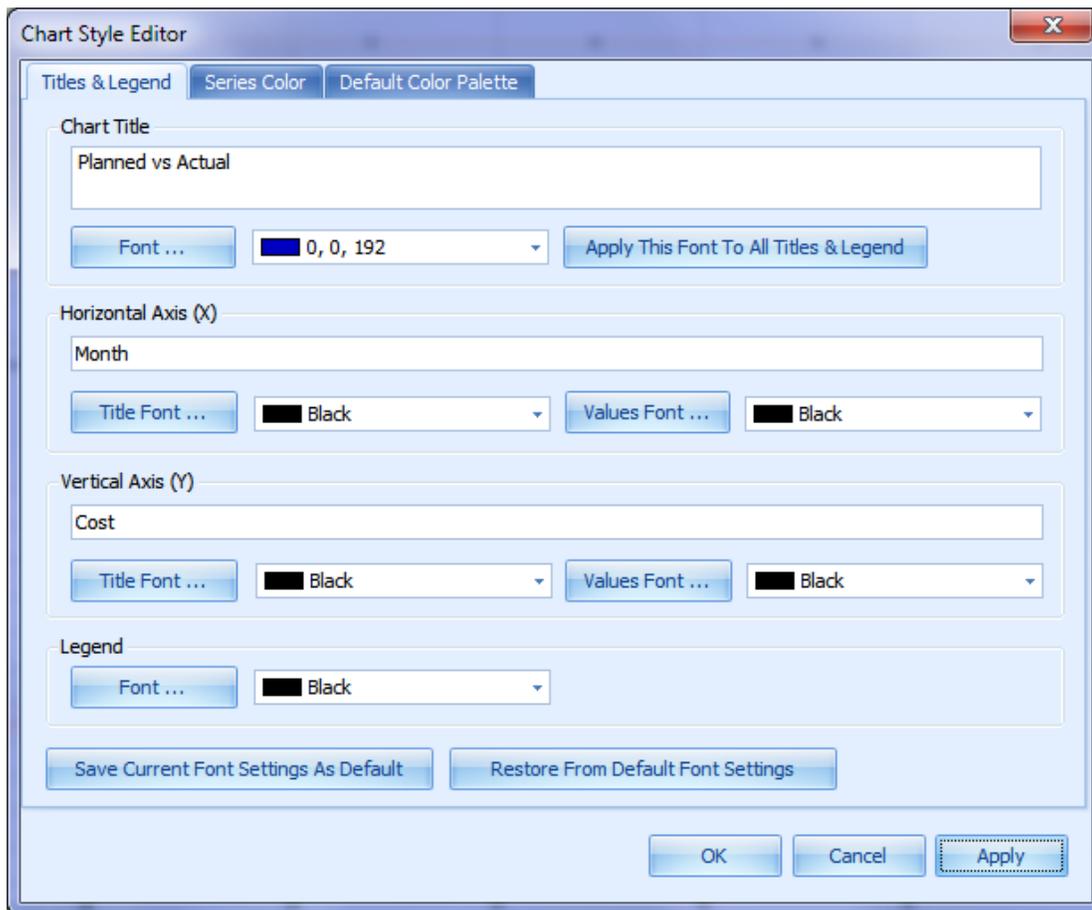


2. **New Feature:** Added the Data Viewer Designer Enterprise icon to the toolbar for running the Data Viewer Designer Enterprise application from Data Viewer Enterprise. If you have access to Data Viewer Designer, then pressing this button will open it without the login screen and take you to the DataView that you are currently on in Data Viewer. If you don't have access to DV Designer, it will display the login screen.



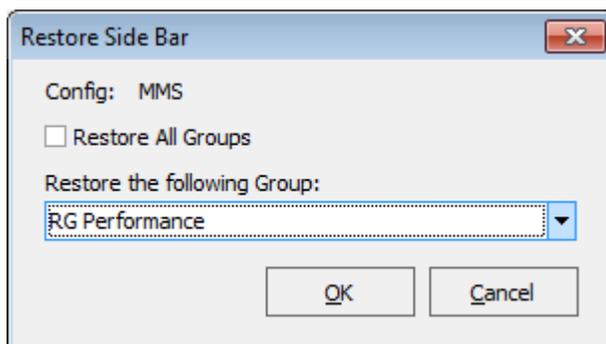
3. **Modification:** Restored the dropdown for the date column to show a list of date values instead of a calendar.

4. **New Feature:** Added the following Chart Style Editor so the user can easily change the titles, font sizes, font colors, series colors, etc. To open the Chart Style Editor, simply double-click on the chart title on the main chart screen or in the Chart Setup screen.



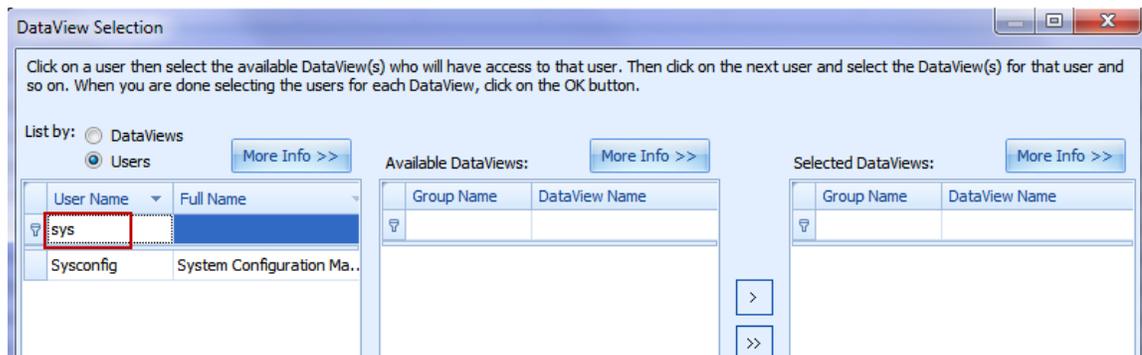
## 2.2 build 0

1. **Major New Feature:** Data Viewer now supports loading data from Oracle databases. Note: The Field Values, Progress Max Value, Progress Tolerance, and Percentile functionalities are not available for Oracle databases.
2. **New Feature:** The menu item "File\Restore Sidebar" shows a dialog which allows the user to restore all groups in the Sidebar or restore a specific group to default settings.



3. **Upgrade:** The Fast Report controls have been upgraded to the latest version.

- Enhancement:** The list boxes on the DataView Selection screen have been changed to grids. Each grid has two columns and a filter row on the top for easy searching of text on the grid. This screen also retains the form size and the layout for the grids when it's closed.



- Modification:** The stacked bar charts are now being sorted to be the same as the legend in ascending order.
- Modification:** In the Chart Setup in the grid and in the panel on the right change the following captions:
  - From "Category Axis" to "Horizontal Axis (X)"
  - From "Value Axis (Y)" to "Vertical Axis (Y)"
  - From "Stack or Group By" to "Stack By"
- Issue:** The Show Values pick-list in the Chart Setup screen no longer shows or hides the Marks on the chart.  
**Status:** This issue is resolved.
- Issue:** Data Viewer does not load the last used configuration when it is run from the AR Enterprise application.  
**Status:** This issue is resolved.
- Issue:** Column that are assigned with a PickImage editor does not display the image in the master-detail view.  
**Status:** This issue is resolved.
- Issue:** The group summary footer shows the text "Sum=" without any value when the saved grid layout is loaded. Also, the group summary footer doesn't refresh the value even when the user sets it as None and sets back to Sum.  
**Status:** This issue is resolved.
- New Feature:** Data Viewer now keeps track of which users are using which DataViews, Form Reports, and Charts (charts for Agency Layouts only). This is so that Configuration Managers can easily determine the usefulness of these DataViews. System DataViews are created so Configuration Managers can view this information when needed.

## 2.1 build 2

- New Feature:** Added the "Open in Excel 2007" and "Export to Excel 2007 " menu items to the grid tool bar.

## 2.1 build 1

1. **Issue:** Data Viewer is not remembering the new Office 2010 themes. It remembers others like Office 2007 but not the Office 2010 themes.  
**Status:** This issue is resolved.

## 2.1 build 0

1. **Upgrade:** The third-party controls (such as the grid, the sidebar, chart, etc.) have been upgraded to the latest version.
2. **Major New Feature:** Added the ability for users to create Calculated Columns in the grid. This feature can be invoked by selecting the Calculated Column command from the column header's context menu. The grid allows expressions to be used to implement calculated columns. Data for these columns is calculated automatically, according to the specified formula.

An expression is a string that, when parsed and processed, evaluates some value.

Expressions consist of column/field names, constants, operators and functions. Column/field names must be wrapped with brackets.

The following are examples of expressions:

```
[Quantity] * [UnitPrice] * (1 - [BonusAmount])
```

```
[FirstName] + ' ' + [LastName]
```

3. **Major New Feature:** Expressions can now be used in the Conditional formatting in the grid. This feature can be invoked by selecting the Conditional Formatting command from the column header's context menu. The Expression Conditions are used to represent criteria for conditional formatting and they must evaluate as a Boolean expression (True or False). The following are examples of Boolean expressions:

```
[Country] == 'Canada'
```

```
[OrderDate] > #8/16/1994# AND [Quantity] > 20
```

4. **Enhancement:** Added the following new themes:

```
Office 2010 Black  
Office 2010 Blue  
Office 2010 Silver  
Pumpkin  
Springtime  
Summer 2008
```

5. **Issue:** The Export to Paradox and Export to SQL features for the grid are causing errors when there is no Flat view defined for the DataView.  
**Status:** This issue is resolved.
6. **Issue:** The chart is not drawing the stack bars correctly when the previously saved layout has a different number of stacked items from what's being loaded.  
**Status:** This issue is resolved.

## 2.0 build 4

1. **Issue:** An error “[Vemax.DVE\_SubForm1 Vemax.DVE\_SubForm1: ShowSubForm(): LoadSubFormFromDll()] Object reference not set to an instance of an object” occurred when the user double clicked on the sidebar item.  
**Status:** This issue is resolved.
2. **Issue:** The Master/Detail view is not showing correctly in Data Viewer Enterprise when there is no Flat view defined for the DataView.  
**Status:** This issue is resolved.

## 2.0 build 3

1. **Upgrade:** The Fast Report controls have been upgraded to the latest version.
2. **New Feature:** Added support to draw up to 4 chart panels on a single sheet.

## 2.0 build 2

1. **Enhancement:** If a user has a chart setup then the DataView is changed in DV Designer, the chart may not work so a more descriptive message is now displayed.

When the chart screen is shown and it doesn't draw the chart because a field is missing, the following message will be displayed:

"Your chart will not display do you want to correct it?"

If the fields in the chart have changed since it was created, you may need to re-select the appropriate fields or remove the sheet that is affected.

Or if the chart was created in one view type (e.g., Flat) and copied to the other view type (e.g., Master/Detail) the fields may be different so you would need to make the appropriate adjustments.”

2. **New Feature:** When the Refresh is pressed or F5 is pressed in DV Enterprise, refresh the Config List and the Sidebar.
3. **Major New Feature:** Data Viewer now supports multiple Detail Levels of data in the Master/Detail Grid and the Form Report. This is needed in the Form Reports when you want to display sub-reports of multiple sources of data. A perfect example of this is the DWR data in MMS where you may want to display Detailed Assets, Labour, Equipment, and Materials for each DWR Line. Each of these details would be available in the Form Reports and would appear as separate tabs in the Master/Detail grid.
4. **New Feature:** Added the “Copy to Master/Detail View” button to the Chart Setup screen for copying the chart sheet(s) from the Flat view to the Master/Detail view. This button is only visible when the current grid view is the Flat view.
5. **New Feature:** Added the “Copy to Flat View” button to the Chart Setup screen for copying the chart sheet(s) from the Master/Detail view to the Flat view. This button is only visible when the current grid view is the Master/Detail view.
6. **Enhancement:** Include the Main Grid Filter text to the Data Summary Grid print preview screen.

7. **Issue:** When a pivot grid is saved as a User layout then saved as an Agency layout the Pivot Grid setup is lost.  
**Status:** This issue is resolved.
8. **Issue:** When a field with the check box "Visible In Grid" is not checked in DV Designer, the DV Enterprise always loads the grid with that field hidden regardless if the column is visible when the layout is saved. It should only load such a field as hidden for new layouts.  
**Status:** This issue is resolved.
9. **Issue:** The Data Summary grid settings are lost when switched to card view.  
**Status:** This issue is resolved.
10. **Issue:** The Save Data Summary As feature doesn't include the column filters and conditional formatting information.  
**Status:** This issue is resolved.
11. **Issue:** The Advanced Filter dialog shows blank field names even though the field names were correctly selected and saved.  
**Status:** This issue is resolved.
12. **Issue:** An error occurs when the user trying to save the new layout name containing an apostrophe.  
**Status:** This issue is resolved.
13. **Issue:** The saved layout name is not displayed properly in the saved layout dropdown list when the layout name contains an ampersand "&".  
**Status:** This issue is resolved.
14. **Issue:** DV Enterprise always loads the layout with the grouped column sorted in ascending order even though the layout was saved with the grouped column sorted as descending.  
**Status:** This issue is resolved.

## 2.0 build 1

1. **New Feature:** Added the Conditional Formatting and Display Format features to the grid.
2. **New Feature:** Add a Grid Option called "Re-order columns from DV Designer" to set the order of all the columns in this grid to be the same as in Data Viewer Designer.
3. **New Feature:** Added the multiple chart sheets feature to the Chart. Each chart sheet contains an individual chart with a single or multiple series. The available chart sheets can be viewed by pressing one of the sheet icons on the chart tool bar.
4. **Modification:** The chart regions are no longer supported. All existing charts containing chart regions have been converted to chart sheets.
5. **Modification:** Added a second row to the chart tool bar and moved the entire chart tools onto it. Users can press the "Chart Tools" button to show or hide the "Chart Tools" on the second row of the chart tool bar. Also, the "Reset 3D" button has been moved to the "Chart Options" dropdown on the "Chart Tools" tool bar.

6. **Enhancement:** Users can now drag the chart title, legend, or page # to anywhere within the chart area. To reset these chart items back to the default positions, press the “Reset Chart Title Position”, “Reset Legend Position”, or “Reset Page # Position” menu in the “Chart Options” dropdown on the “Chart Tools” tool bar.
7. **Enhancement:** Added the form layout in addition to the grid for the series info and sheet info to the Chart Setup screen. The form layout makes it easier to modify the properties than using the grid.
8. **Enhancement:** Show the Maximize button on the Move Columns dialog box.
9. **Enhancement:** Increased the default height of the Move Columns dialog box so less scrolling is needed.
10. **Issue:** The Export to SQL feature in the grid tool bar does not properly export the columns with the float data type.  
**Status:** This issue is resolved.
11. **Issue:** The Master/Detail grids are not loaded properly when the Detail view record was created before the Master view.  
**Status:** This issue is resolved.
12. **Issue:** F5 refresh should re-load whatever View Type the user is currently on instead of the default layout.  
**Status:** This issue is resolved.
13. **Issue:** When the “Show In Preview” check box in DV Designer is checked after a layout is saved that field does not appear in the Preview Columns pick list.  
**Status:** This issue is resolved.
14. **Issue:** When clicking on the Restore Sidebar menu, the currently selected DataView is no longer selected.  
**Status:** This issue is resolved.
15. **Issue:** After changing a selection in the DataView Selection screen the currently selected DataView is no longer selected.  
**Status:** This issue is resolved.
16. **Issue:** When exporting a DataView to SQL, all of the Float fields are stored as VarChar(50) in the destination table.  
**Status:** This issue is resolved.
17. **Issue:** The Advanced Filter does not return the correct result set when the filter is fiscal year specific.  
**Status:** This issue is resolved.
18. **Issue:** Fields with "Visible In Grid" setting set to No are not displayed in saved layouts.  
**Status:** This issue is resolved.

19. **Issue:** An error "Invalid column name..." occurs when a chart series contains a Series and Grid filter and the user filters the grid on a calculated column.  
**Status:** This issue is resolved.

#### 2.0 build 0

1. **New Feature:** Added the "Select Preview Form Report" dialog for the user to select which Form Report to load instead of just loading the default one.
2. **Enhancement:** Improved performance on loading the DataView containing Progress Meter columns.
3. **Issue:** Pressing the F5 function key does not refresh the Config pick list.  
**Status:** This issue is resolved.
4. **Issue:** Saving the chart layout for the Flat view should not overwrite what's in the Master/Detail view and vice versa.  
**Status:** This issue is resolved.
5. **Issue:** The Pivot Grid Print Preview screen shows the Advanced Filter text from the default layout even though the current layout does not have the Advanced Filter selected.  
**Status:** This issue is resolved.

#### 1.9 build 13

1. **New Feature:** Added the "Themes" menu item to the menu bar. There are twenty themes that provide stunning modern-looking interfaces. Each theme determines the overall painting scheme for the controls on the screen and specifies how a control's headers, scrollbars, borders, buttons, and other visual elements are painted. There is also a sub-menu under the "Themes" menu called "Use Default Sidebar". This feature set the sidebar to display the way it always has in the past in case you don't like how a new theme displays the sidebar.
2. **New Feature:** Added four buttons to the chart tool bar labeled: "R1", "R2", "R3", "R4" to turn on each of the regions in a chart. Down for visible; Up for not visible. These buttons are only enabled if a series exists for those regions.
3. **Issue:** An error "Invalid column name 'Month' " occurs when the Chart and Grid are visible and the user tries to filter the column that has the # sign as part of the column name.  
**Status:** This issue is resolved.
4. **Issue:** An error "Invalid column name 'ComputerName' " occurs when the user tries to use the Data Summary and the table tblTempPercentile is missing the ComputerName field.  
**Status:** This issue is resolved.
5. **Issue:** An error "Incorrect syntax near TempTable'" occurs when the user tries to create the Data Summary that contains both percentile and calculated fields.  
**Status:** This issue is resolved.

#### v1.9 build 12

1. **Enhancement:** Replaced the old Form reporting tool with the new one called “Fast Report”. This new Form reporting tool supports sub-reports and it loads the report much faster than the old one. Existing Form reports are not compatible with the new Form reporting tool so the old one is still available for existing reports only. All new Form reports will use the new Fast Report. We encourage all users to recreate their existing Form reports because the old reporting tool will be discontinued some time in the future.

#### v1.9 build 11

1. **Enhancement:** In the Chart Setup, automatically set the X and Y axis labels of a chart from the Field Alias used.
2. **Enhancement:** In the Chart Setup, set the Title of a chart to the first Series Name by default. If the Chart Title is blank when the Layout is saved the Title is set to name of the Saved Layout.

#### v1.9 build 10

1. **New Feature:** Added the “Copy To” button to the Conditional Formatting dialog for copying the formatting from one field to another.
2. **Enhancement:** Changed the Value 1 and 2 boxes to pick-lists for string fields in the Conditional Formatting dialog. The picklist is empty until the ellipse button is pressed to refresh the pick-list items.
3. **New Feature:** Added the “Move Columns” button to the standard tool bar that displays a popup check list listing all the column names in the grid and allow the user to move the columns up and down in the list. The check box is to set the visible property of the column
4. **Enhancement:** Added hints to the Saved Layouts, Advanced Filter, Data Summary, etc to show the current selection so the user can quickly see what layout and Advanced Filter they are on. Plus, the Status Bar also shows the Current Layout and Current Advanced Filter.
5. **Issue:** The Pivot Grid column headers do not display the correct values when the Group Interval is set as DateMonth, DateDayOfWeek, etc.  
**Status:** This issue is resolved.

#### v1.9 build 9

1. **Issue:** An error occurred when loading the view with progress meter editor and the max value for the progress meter containing decimals.  
**Status:** This issue is resolved.
2. **Enhancement:** Added the “Include Null Values” check box to the Data Summary dialog allowing the user to summarize the data by including the null values for the numeric fields.

#### v1.9 build 8

1. **Enhancement:** The splitter position between the Grid and Chart is saved for each user.
2. **Enhancement:** If the chart has only one page, then page navigation buttons will be hidden: << >> >.
3. **New Feature:** In the chart tool bar, added a button with three dropdown menu items to filter the chart data: Filter By Chart Setup, Filter By Visible Data, and Show All Data. The Filter By Chart Setup is selected by default, which means the data loaded for the chart is based on the "Data to Chart" column value in the Chart Setup screen. Filter By Visible Data filters the chart to whatever data is in the grid regardless of what is set in the Chart Setup.
4. **New Feature:** In the chart tool bar, added a button to show/hide the "Page 1 of 1" label on the chart (pressed is shown, un-pressed is hidden).
5. **New Feature:** In the chart tool bar, added a button to automatically set the points per page so the chart fills the screen when the chart has only one page.
6. **New Feature:** Added the ability for users to set the display format for the columns. The new item "(Display Format)" is displayed from the Column Filter drop-down in the column header.

#### v1.9 build 7

1. **Issue:** The fields on the "Pivot Grid Setup" dialog are duplicated when it's first loaded from the saved layout and both view types flat and master/detail are setup for the current data view.  
**Status:** This issue is resolved.
2. **Issue:** The pivot grid data is not refreshed when the OK button is pressed from the "Pivot Grid Setup" dialog.  
**Status:** This issue is resolved.
3. **Issue:** The selected Advanced Filter is not saved with the pivot grid layout when the Advanced Filter was originally copied from the "Copy Main Grid Advanced Filters" menu.  
**Status:** This issue is resolved.

#### v1.9 build 6

1. **Issue:** The fields on the "Pivot Grid Setup" dialog disappears when the user cancels saving the new layout from the "Save Pivot Grid Layout" dialog.  
**Status:** This issue is resolved.
2. **Issue:** The Pivot Grid Layout is always saved as default even the Default check box on "Save Pivot Grid Layout" dialog is unchecked.  
**Status:** This issue is resolved.
3. **Issue:** The existing Advanced Filter is not saved properly.  
**Status:** This issue is resolved.
4. **New Feature:** Added the "New Pivot Grid Setup" icon on the Pivot Grid tool bar allowing the user to create new Pivot Grid Setup.

#### v1.9 build 5

1. **New Feature:** Added “File\Import Layouts” and “File\Export Layouts” menu items which allow the user to import or export the user/agency layouts. Note: the user must have edit rights to import agency layouts.

#### v1.9 build 4

1. **New Feature:** Added “Conditional Formatting” button to the Pivot Grid Setup dialog for setting up the conditional formatting for the “Data Area” field(s).
2. **New Feature:** Added “Copy Main Grid Advanced Filters” menu item to the Pivot Grid’s Advanced Filter menu for copying the advanced filters from the main grid.
3. **Issue:** The column width property value for the Pivot Grid is lost the Pivot Grid Setup dialog is closed.  
**Status:** This issue is resolved.
4. **Issue:** The Chart Series Names are drawn in reverse order in the Chart Legend when the multiple chart regions are used.  
**Status:** This issue is resolved.
5. **Issue:** The Chart is out of sync with the grid when the Auto Row Filter is used and pressing the Show/Hide Chart button to show or hide the chart.  
**Status:** This issue is resolved.
6. **Modification:** Changed the Chart Setup dialog to set the default value for the Operation as “Sum” if the Value Axis is numeric data type, else set as “Count”.

#### v1.9 build 3

1. **New Feature:** Added the “Series & Grid Filter” pick list item to the “Data to Chart” column on the Chart Setup screen. This new feature allows the user to specify the series filter and grid filter combined for the source data to chart.
2. **New Feature:** Added the Region column to the Chart Setup screen allowing the user to specify the chart region to draw the series on. There are four chart regions counting from the bottom up. This enables the user to have up to four separate charts on the same screen at the same time.
3. **New Feature:** Added the “Open in Excel” menu item to the grid’s export menu. This feature exports the active grid to a temporary file and then opens this file in Microsoft® Excel®.
4. **New Feature:** Added an item to the File menu called “Restore Sidebar” that will clear the saved sidebar and reload the items in the same order as in DV Designer.
5. **Enhancement:** Changed the Refresh (F5) to reload the current layout that the user is on (not the default layout). However, clicking on the DataView in the Sidebar will still reload the default layout.
6. **Enhancement:** Changed the “Add Field” button on the Pivot Grid Setup screen to “Add Fields”, which opens the “Add Fields” dialog allowing the user to add multiple fields and assign the fields to appropriate grid area.

7. **Issue:** The chart was loaded after pressing OK in the Chart Setup screen even though the “Load Data for Chart” box was unchecked. The chart should never load (on the main screen or in the Chart Setup) if this box is unchecked. With the exception that if the user presses the Redraw button then the chart will load in the Chart Setup screen only and not on the main screen (regardless if the “Load Data for Chart” box is checked or not).  
**Status:** This issue is resolved.
8. **Issue:** When checking the “Load Data for Chart” box the modified items in the Chart Setup are lost.  
**Status:** This issue is resolved.
9. **Issue:** Advanced Filter field pick list excluded ID fields.  
**Status:** This issue is resolved.
10. **Issue:** Sidebar items do not appear in the same order as in DV Designer (seem to be reverse order). The DataView Selection screen causes This issue.  
**Status:** This issue is resolved.
11. **Issue:** Charting is only supported for Master and Flat Levels; however the Detail Level fields were displayed in the Chart Setup screen.  
**Status:** This issue is resolved.
12. **Enhancement:** Improved loading of the detail records in a Master/Detail view when the Master level has an Advanced Filter is set.

#### v1.9 build 2

1. **New Feature:** Added the Pivot Grid feature to represent data from an underlying data source in a cross-tabulated form. It calculates summaries and summary totals against specific fields and displays the summary values within data cells. The following summary functions are supported: Sum, Average, Count, Min, Max, StdDev, StdDevp, StdVar, StdVarp.

#### v1.9 build 1

1. **Issue:** The column stops totaling if the field name is changed.  
**Status:** This issue is resolved.
2. **Issue:** The Conditional Formatting dialog causes error “Object reference not set to an instance of an object” when the Font property is expanded.  
**Status:** This issue is resolved.
3. **Issue:** The column that is assigned with the MemoExEdit editor does not display the text properly in the master-detail view.  
**Status:** This issue is resolved.
4. **Issue:** The column filters for the Detail grid in the master-detail view is not saved when the Grid Layout is saved.  
**Status:** This issue is resolved.
5. **Issue:** The column that is assigned with the DateTime data type displays repeated date value in the Data Summary view.  
**Status:** This issue is resolved.

6. **Issue:** The column that is assigned with the PickImage editor does not display the image in the master-detail view.  
**Status:** This issue is resolved.
7. **Issue:** The column that is assigned with the Progress Max Value editor or Progress Tolerance editor does not display the gradient colors correctly.  
**Status:** This issue is resolved.
8. **Issue:** Switching between flat view and master-detail view causes the chart to be lost.  
**Status:** This issue is resolved.
9. **Issue:** The error “Unable to cast object of type ‘System.Data.DataViewManagerListItemTypeDescriptor’ to type ‘System.Data.DataRowView’” occurs when trying to save the master-detail view grid layout.  
**Status:** This issue is resolved.
10. **Issue:** The chart does not filter the data based on the grid when the Data To Chart is set to Visible Data. and at the same time also causing the Show Zero Values check box not functioning.  
**Status:** This issue is resolved.
11. **Issue:** When the Data to Chart is set to Visible Data the Show Zero Values check box does not work.  
**Status:** This issue is resolved.
12. **Issue:** The chart’s export button does not work for new chart setup.  
**Status:** This issue is resolved.

#### v1.9 build 0

1. **Upgrade:** The third-party controls (such as the grid, the sidebar, chart, etc.) have been upgraded to the latest version.

#### v1.8 build 4

1. **New Feature:** Added new Editor “Open File” which combines the text display with an ellipsis button. When the button is pressed, the program uses the Windows association to open the file.

#### v1.8 build 3

1. **Issue:** The View Types sub-menu items for master-detail views are disabled.  
**Status:** This issue is resolved.
2. **Issue:** The Data Summary view does not format the Date data type column correctly. It duplicates the date value.  
**Status:** This issue is resolved.
3. **Issue:** The Data Summary view allows editing on all columns. All columns should be read only.  
**Status:** This issue is resolved.

4. **Issue:** The Data list box on the Advanced Filter dialog does not show the vertical scroll bar when there are many items in the list box.  
**Status:** This issue is resolved.
5. **Issue:** The chart is drawn as blank if the user selects a different layout without the chart set up and then selects back to the same layout.  
**Status:** This issue is resolved.
6. **Modification:** Added confirmation messages to the following menu items:
  - a. Remove Field Values
  - b. Remove Data Summary
  - c. Remove Advanced Filter
  - d. Remove SQL View

#### v1.8 build 2

1. **Issue:** The chart control causes an error "System.OutOfMemoryException" when the saved layout contains many chart series.  
**Status:** This issue is resolved.
2. **Issue:** The saved layout cannot be loaded when it contains Advanced Filter using "Fiscal Year" as filter criteria.  
**Status:** This issue is resolved.

#### v1.8 build 1

1. **New Feature:** Added the "Export to SQL" feature to the grid export menu.

#### v1.8 build 0

1. **Upgrade:** The third-party controls (such as the grid, the sidebar, chart, etc.) have been upgraded to the latest version.
2. **Enhancement:** The Progress Meter editor now supports displaying decimals.
3. **Modification:** Moved all the sub-menu items from the "Grid Options" menu to the "View Type" menu.
4. **New Feature:** Added the "Allow Cell Merging" and "Show Auto Filter Row" sub-menu items to the "Grid Options" menu.
5. **New Feature:** Added the "Conditional Formatting" feature to the grid column dropdown.
6. **Enhancement:** The changes made from the Chart Editor are now saved with the layout.
7. **Issue:** The chart layout is not saved when the current DataView layout is saved.  
**Status:** This issue is resolved.
8. **Issue:** The chart does not draw multiple bar series properly when the bar series containing zero Y-axis values.  
**Status:** This issue is resolved.

#### v1.7 build 1

1. **Modification:** Changed the MemoExEdit column to show a lower case “a” icon when the grid cell contains no text.
2. **Issue:** Data Viewer Enterprise causes the error message saying, “The database does not exist” when the DataView is selected and the SQL Server Name for the database connection is the IP address or different from the Data Viewer Enterprise’s SQL Server Name.  
**Status:** This issue is resolved.

#### v1.7 build 0

1. **Upgrade:** Data Viewer Enterprise has been upgraded to support version 2 of the Microsoft .NET Framework.  
The [iBOSToolsPrerequisites\\_2\\_0.exe](#) install is needed for this version of Data Viewer Enterprise.
2. **Upgrade:** The third-party controls (such as the grid, the sidebar, chart, etc) have been upgraded to the latest version.
3. **Modification:** The Form Layout settings are now stored by User ID instead of Computer/Windows User ID combination. i.e. the settings are only specific to the user, not the computer that the user is running the software from.
4. **Modification:** Changed to check the “Use Grid Filter” check box as default for the Form Report.
5. **Issue:** The column with MemoExEdit editor does not display the rich text correctly. It should not show the rich text formatting characters.  
**Status:** This issue is resolved.

#### v1.6 build 12

1. **Issue:** The group summary footer may show the value from a wrong column when the saved grid layout is loaded.  
**Status:** This issue is resolved.

#### v1.6 build 11

1. **Issue:** When the “Load Data for Grid” or “Load Data for Chart” check box is clicked and it is checked it causes the active DataView’s group item not showing as selected.  
**Status:** This issue is resolved.
2. **Issue:** When the user clicks on different DataView and cancels saving the layout for the current DataView, it stays on the current DataView but it shows the other DataView as the selected DataView.  
**Status:** This issue is resolved.
3. **Issue:** When the user picks a different configuration name from the “Config” dropdown list, it does not show a confirmation message to save the layout if the current layout is changed.  
**Status:** This issue is resolved.

4. **Issue:** If a DataView contains a column using a Progress Meter as the editor the memory used by Data Viewer increases and is not released.  
**Status:** This issue is resolved.
5. **Enhancement:** Improved performance when loading DataViews.
6. **New Feature:** Added feature to export the DataView grid to Text or XML file.

#### v1.6 build 10

1. **Issue:** When the Chart Setup data has been modified and the user opens the Advanced Filter dialog, the changes for the Chart Setup data may be lost.  
**Status:** This issue is resolved.

#### v1.6 build 9

1. **Issue:** The splash screen sometimes reappears and stays on top of other windows when loading the Data Viewer Enterprise from the MMS application.  
**Status:** This issue is resolved.

#### v1.6 build 8

1. **Issue:** When the selected layout is the default layout and the user selects the "Save Layout As" drop down item from the "Saved Layouts" menu, if the new name does not change any charts will be lost.  
**Status:** This issue is resolved.
2. **Enhancement:** Field Values now supports fields with the data types integer, float or date.
3. **Enhancement:** The Conf pick-list control is now larger so that longer configuration names are not cut off.
4. **Issue:** In the "Data View Selection" dialog, DataViews are occasionally shown in the available list more than once.  
**Status:** This issue is resolved
5. **Enhancement:** If the current Data Summary is an Agency Data Summary then, when the user clicks "Save Data Summary as" menu item the dialog will show the "Owner" fields as "Agency" instead of "User".

The same change has been made to "Field Values" and "Advanced Filter".

#### v1.6 build 7

1. **Issue:** In the charting, if there is a series that uses the line function when the user closes the chart setup screen, or when the user loads a saved layout that uses a line function chart, an error may occur.  
**Status:** This issue is resolved.

v1.6 build 6

1. **Enhancement:** In the remove and edit dialogs for the Advanced Filter, Data Summary, and Field Values, the first item in the dropdown list is now selected automatically.
2. **Issue:** In the Advanced Filter, if all the lines in the dialog are unchecked, the unselected filter lines will be lost the next time the Advanced Filter dialog is opened.  
**Status:** This issue is resolved.
3. **Issue:** In the Advanced Filter, if the user selects “Edit” from the Advanced Filter menu to edit the current Advanced Filter (instead of clicking the Advanced Filter button) when the Advanced Filter dialog is closed the modified Advanced Filter does not get applied to the grid (the old Advanced Filter is still applied to the grid). The same Issue exists with Data Summary and Field Values.  
**Status:** This issue is resolved.
4. **Issue:** In the Chart, when the user selects “Save Layout As” from the Saved Layouts menu to save the current layout with a different name, the chart and its settings are not saved to the new layout.  
**Status:** This issue is resolved.
5. **Issue:** In the Field Values, when the user selects “Clear Current Field Values” from the Field Values menu, the current Field Values is cleared but the Field Values menu is still bold indicating Field Values are applied.  
**Status:** This issue is resolved.
6. **Issue:** In the Field Values, if Field Values are saved using a name that is already used, a message will display asking to overwrite the existing Field Values. If the “No” button is clicked, then another dialog is opened to allow a different Field Values name to be entered. At this point if the user clicks the “Cancel” button Data Viewer Enterprise will overwrite the existing Field Values.  
**Status:** This issue is resolved.
7. **Issue:** If a DataView does not have any Field Info records an error message is displayed asking the user to contact their Configuration Manager to fix This issue. But after this message another error message is displayed (this is unnecessary).  
**Status:** This issue is resolved.
8. **Issue:** In the Field Values, if no Field Values name is applied to the grid (no Field Values are checked in the menu) and the user clicks the Field Values button, or selects “New” from the Field Values menu, to create a new Field Values, a dialog is displayed asking to enter a name for the new Field Values. If the user clicks the Cancel button to close the dialog an error may occur.  
**Status:** This issue is resolved.
9. **Issue:** In the Field Values, if the Field Values button is clicked to modify the applied Field Values a dialog opens to allow the modification. If no changes are made, and either the OK or Cancel button is clicked, the dialog will close. But when the user attempts to leave this DataView a message will be displayed asking to save the changes even though no changes have been made.  
**Status:** This issue is resolved.

10. **Issue:** In the chart setup screen, if data type of the field used for “Category Axis (X)” is string and values of this field contain “” then when Data Viewer draws the chart an error would occur.  
**Status:** This issue is resolved.
11. **Modification:** In the chart setup screen, if data type of the field used for Value Axis (Y) is string then in the Operation column only “Count” is available. So other operations like “Min” and “Max” are removed from the drop-down list.
12. **Issue:** In the Data Summary dialog screen, occasionally the check box Show Count All Rows isn’t set properly for the loaded Data Summary.  
**Status:** This issue is resolved.
13. **Issue:** When the user loads a saved Data Summary, the Column filter and Count don’t work properly.  
**Status:** This issue is resolved.
14. **Modification:** When the user selects a different Advanced Filter, Data Viewer Enterprise will no longer ask if she/he wants to save the layout changes because the changes do not need to be saved at that time.
15. **Issue:** When the user saves the current Advanced Filter to another name then deletes a different saved Advanced Filter, the new Advanced Filter may be deleted instead.  
**Status:** This issue is resolved.
16. **Issue:** When the user edits a saved Advanced Filter that is different than the current applied filter, the edited Advanced Filter may not be saved properly.  
**Status:** This issue is resolved.
17. **Issue:** If the user changed the applied Advanced Filter and the user does not save the changes then edits another saved Advanced Filter, the changes will be lost.  
**Status:** This issue is resolved
18. **Modification:** In the input name dialog for the Save and Save As features when the user changes the Owner value Data Viewer Enterprise no longer changes the Default check box.
19. **Issue:** If the user edits a saved Data Summary and closes the dialog, the Data Summary will be displayed in the grid even though the user did not select that Data Summary for viewing.  
**Status:** This issue is resolved.
20. **Issue:** Form Report: when the user changes “Use Grid Filter” checkbox, Data Viewer Enterprise disables the “Show Grid” and “Show Chart” buttons and causes the selected DataView in the sidebar to be un-bolded. The same Issue when exists when the user clicks F5 to refresh (if the Form Report is displayed).  
**Status:** This issue is resolved.
21. **Enhancement:** In the screen to show Grid SQL Statement, added Comments at the beginning to show Configuration, Group etc. information.
22. **Issue:** If the DataView SQL statement has a sub-query in which there is “TOP \*\*\* PERCENT” and “Order By” clauses, SQL Server 2005 will ignore the “Order By” clause.  
**Status:** This issue is resolved by automatically replacing the “percent” with 1000000000.

23. **Issue:** If the user removes the current saved layout, and it is set as an agency or default layout, and then the user makes some changes to the grid and clicks the "Save" menu item or "Saved Layouts" menu Data Viewer Enterprise does not save the changes.  
**Status:** This issue is resolved.
24. **Issue:** When the user clicks the "Save As" menu item in the "SQL Views" menu, Data Viewer Enterprise will create a SQL view using the current DataView's SQL statement. If an error occurs, the software will display the error message twice.  
**Status:** This issue is resolved.
25. **Issue:** In the Data Summary dialog, there is a Issue with the COUNT operation returning an incorrect count when the field value is null.  
**Status:** This issue is resolved
26. **New Feature:** In the Advanced Filter dialog, the dialog now has a "Cancel Loading" button in the "Results" tab when the "Load Data" button is clicked; this allows the user to cancel the loading process.
27. **New Feature:** In the Advanced Filter dialog, the dialog now has a "Cancel" button in the "Data" tab for the "Value" column dropdown in the "Filter" tab when the "Load" button is clicked; this allows the user to cancel the loading process.
28. **Modification:** When Data Viewer Enterprise is drawing a chart it will check if the number of records returned for the chart is over the maximum records set in designer or in the GlobalInfo file. If the number of records returned is greater than the setting, a message will inform the user that the chart cannot load. If the maximum records are set to zero or blank then Data Viewer Enterprise will ignore the setting and draw the chart.
29. **Issue:** When Data Viewer Enterprise is loading data for the grid it fails to check if the number of records returned for the grid is over the maximum records set in Data Viewer Designer or in the GlobalInfo file.  
**Status:** This issue is resolved.
30. **Issue:** In the charting, if a saved layout that includes a chart is loaded the buttons in the chart toolbar may not work correctly. When some buttons are clicked an error may occur.  
**Status:** This issue is resolved.

v1.6 build 5

1. **Issue:** If the user selects “Re-login” from the “Options” menu and then logs in using the same username and password, some settings may be changed.  
**Status:** This issue is resolved.
2. **Issue:** In the chart setup screen, when the user first opens the screen and creates a new series and the data type of Value-Axis (Y) is string, then the first time the user clicks the Operation button, the drop-down list shows five Operation types (there should only be three Operation types).  
**Status:** This issue is resolved.
3. **Issue:** In the chart setup screen, if there is a saved chart layout sometimes when the user opens the Chart Setup screen an error will occur.  
**Status:** This issue is resolved.
4. **New Feature:** Field Values menu.
  - a. Added “Save Field Values As” menu item to so the user can save the current checked Field Value as a new name.
  - b. Enriched the function for “Edit” menu item, when the user clicks it, a dialog will open to let the user choose a saved Field Values to edit from a drop-down list.
5. **New Feature:** Data Summary menu.
  - a. Added “New” menu item to allow the user to create a new Data Summary.
  - b. Added “Edit” menu item, when the user selects it, a dialog screen will open to let the user choose a saved Data Summary from a drop-down list. The Data Summary screen will then load with the selected Data Summary. (Previously, the user had to check the saved Data Summary to make it active and then click the Data Summary menu to open the Data Summary screen).
6. **New Feature:** Advanced Filter menu.
  - a. Added “New” menu item to allow the user to create a new Advanced Filter.
  - b. Added “Edit” menu item, when the user selects it, a dialog screen will open to let the user to choose a saved Advanced Filter from a drop-down list. The Advanced Filter screen will then load with the selected Advanced Filter (Previously user had to check the Advanced Filter to make it active and then click the Advanced Filter menu to open the Advanced Filter screen).
7. **Issue:** If a Form Report is displayed F5 does not refresh the configuration properly.  
**Status:** This issue is resolved.
8. **Modification:** The Field Values screen has been enhanced to improve the running speed when the user clicks “Auto Create Field Values” and “Ok” buttons or when switching between records in the Field Grid.
9. **New Feature:** In the Advanced Filter dialog, the dialog shows the Advanced Filter name on the screen title. If it is a brand new Advanced Filter (does not have a name), the dialog screen does not have a screen title.

10. **New Feature:** In the Data Summary dialog, the dialog shows the Data Summary name on the screen title. If it is a new Data Summary (does not have a name), the dialog screen does not have a screen title.
11. **New Feature:** In the Grid, added “SQL Views” menu and two menu items. Authorized users can use these menu items to save the current SQL statement used to populate the grid to the database (as a SQL View) or remove saved SQL Views. This feature is particularly useful for PPT users who need to filter existing DataViews and save them as SQL Views so PPT can load that data accordingly. Note: the setting: “User Can Create SQL Views” must be set to “Yes” for the user(s) who need this functionality. By default, this setting is set to “No” for all users.
12. **New Feature:** In the main form, added a new menu item “Grid SQL Statement” to the “View” menu. When it is clicked, a dialog will be open to show the SQL statement(s) used to populate the grid.
13. **Issue:** In Advanced Filter dialog, if the user selects values from the tab “Replaceable Text” (for example: “[Blank]” or “[Empty]”) as the field value, an error may occur.  
**Status:** This issue is resolved.
14. **Issue:** In the Data Summary, if you create a new Data Summary that does not use layout filters and save it as an agency Data Summary the next time the Data Summary is loaded it uses the layout filters.  
**Status:** This issue is resolved.
15. **Issue:** Charts occasionally may not load properly.  
**Status:** This issue is resolved.
16. **Modification:** Made minor cosmetic changes.

#### v1.6 build 4

1. **Modification:** When a DataView is opened, Data Viewer Enterprise will try to open a saved default layout first. If a saved default layout cannot be found, then Data Viewer will look for a saved Factory Default layout. If a Factory Default layout cannot be found, then it will open the DataView based on its Data Viewer Designer settings.
2. **Issue:** If Data Viewer Enterprise is on the DataView Form Report window and the user clicks F5 to refresh, Data Viewer Enterprise switches to the current Grid View window instead of staying on the current Form Report.  
**Status:** This issue is resolved.
3. **Modification:** When the user clicks F5 to refresh the screen, Data Viewer Enterprise refreshes the current DataView and repopulates the current configuration as well.
4. **Issue:** The print preview window shows the columns in the preview panel in light grey. It should show them in the colour blue.  
**Status:** This issue is resolved.
5. **Issue:** For the Advanced Filter, if the currently selected Advanced Filter is also used for the Chart and the Advanced Filter is changed, the Chart is not refreshed properly.  
**Status:** This issue is resolved.

6. **Issue:** In the Chart Setup window, if a series uses “Series Filter” for “Data to Chart” and no filter name is selected, when the “Redraw” button is clicked to draw the chart an error may occur.  
**Status:** This issue is resolved.
7. **Issue:** For the Advanced Filter, if the currently selected Advanced Filter is changed and it is unchecked in the list there is no message to asking if you want to save the changes. That results in all the changes being lost.  
**Status:** This issue is resolved.
8. **Modification:** Data Viewer Enterprise supports “Filter by Windows User Name” to filter data. It no longer supports “Filter by Computer Name”.
9. **Issue:** If the user sets a master/detail grid layout as the Default (Agency) it will still always load the flat grid layout as the default.  
**Status:** This issue is resolved.
10. **Issue:** If a master/detail grid layout is saved with an advanced filter when you try to reload the layout an error may occur.  
**Status:** This issue is resolved.
11. **Issue:** If an Advanced filter set on a grid-grid layout and then the layout is switched to a flat grid the advanced filter is no longer set, but the button is still bold indicating it is set.  
**Status:** This issue is resolved.
12. **Modification:** Changed the detail grid to the same colour scheme as the master grid.
13. **New Feature:** Both the master grid and the detail grid can set the fixed columns like the flat grid.
14. **New Feature:** In Maser/Detail grid layouts, changes to the detail grid are now saved with the layout.
15. **Issue:** When viewing a Form Report, if you hit F5 to refresh the application it does not refresh the configuration properly.  
**Status:** This issue is resolved.
16. **Issue:** In the Field Values window, when using a mater /detail grid layout an error may occur when the “Auto Create Field Values” button is clicked.  
**Status:** This issue is resolved.
17. **Issue:** In the Chart Setup screen, the “Filter Name” lookup should not show any items if there is no series using advanced filter as the data source.  
**Status:** This issue is resolved.
18. **Modification:** For the Advanced Filter, once a new Advanced Filter is created and applied the Advance Filter menu font is changed to bold to indicate an Advanced Filter has been applied to the data.
19. **Issue:** In the Field Values screen, if the “Edit” value is changed between “My settings’ to “Agency” an error may occur.  
**Status:** This issue is resolved.

20. **Issue:** In the Field Values screen, sometimes the “Personalize” button does not work properly.  
**Status:** This issue is resolved.
21. **Modification:** In the Field Values screen, when the user clicks the “Personalize” button, a dialog is opened to let the user choose agency Field Values to copy from. The dialog title is changed from “Remove Item” to “Personalize Field Values”.
22. **New Feature:** In the Field Values screen, for each Field record, Data Viewer Enterprise software will check if there are available agency Field Values to personalize and the decides if enable or disable the Personalize button.
23. **Issue:** For Advanced Filter, when you have more than one saved Advanced Filter and you switch between the two filters it will ask you if you want to save the layout. If you click the cancel button the switching of the filters does not occur, but the checkmark in the Advanced Filter list has moved to the other filter (the applied filter is no longer in sync with the item shown as selected in the list). The same Issue occurs for saved Data Summaries and saved Layouts.  
**Status:** This issue is resolved.
24. **New Feature:** In the main form, added “Charting Manual” item to the help menu.
25. **Issue:** In the main form, if a saved user layout is “saved as” an agency layout using the same name, the application asks if the user wants to overwrite the existing layout. If the user answers yes it creates a new layout with the same name instead of overwriting. The Field Values has the same Issue.  
**Status:** This issue is resolved.
26. **Modification:** Made minor cosmetic changes.

#### v1.6 build 3

1. **Issue:** Charting: for charting series that show visible data in the Chart, the series are not refreshed properly when the user checks/unchecks the current column filters checkbox.  
**Status:** This issue is resolved.
2. **Issue:** On the main form, if the user clicks the Cancel button on the Remove Saved Layout dialog, Data Viewer Enterprise does not go back to the previous screen. It loads the default saved layout and the changed layout is lost.  
**Status:** This issue is resolved.
3. **Issue:** On the main form, sometimes after the user opens and closes the Remove Saved Layout dialog and then attempts to save the changed layout using an existing layout name, Data Viewer Enterprise asks if you want to overwrite the existing saved layout (which is correct functionality). But when you answer ‘Yes’ an error occurs saying Data Viewer cannot save the layout using a blank name.  
**Status:** This issue is resolved.
4. **Issue:** On the main form, when the user opens a DataView and makes some changes on the layout and the clicks Show Form Report button, a message dialog shows up to ask if the user wants to save the changed layout.  
**Status:** This issue is resolved.
5. **Issue:** For the Form Report, when the “Use Grid Filter” checkbox is checked/unchecked the default Form Report loads. It should stay on the selected Form Report.  
**Status:** This issue is resolved.

6. **Issue:** For the Form Report, the “Use Grid Filter” checkbox can become out of sync with the Form Report. Sometimes it says it is filtered but it is not (and vice versa).  
**Status:** This issue is resolved.
7. **Issue:** On the main grid, if a DataView has both flat and master/detail layouts setup when the user switches from the flat grid view to the card view, an error may occur.  
**Status:** This issue is resolved.
8. **Modification:** For master/detail views, the relation tab on details view has been removed.
9. **New Feature:** For flat card views, the Customize button has been added.
10. **Modification:** For the Form Report screen, removed the Print Direct button from the tool bar.
11. **Issue:** For the Form Report, if the grid is in Flat Card or Card view, Data Viewer Enterprise cannot load the Form Report properly.  
**Status:** This issue is resolved.
12. **Modification:** For the grid, removed the Print Direct button from the grid print preview screen.
13. **Issue:** For the Form Report, if the Form Report uses the grid filter, it may not refresh properly when the user checks/unchecks the current column filters checkbox on the grid.  
**Status:** This issue is resolved.
14. **Issue:** On the main grid, if the column filters checkbox is unchecked and the layout is saved, the next time the saved layout is opened the column filter is checked.  
**Status:** This issue is resolved.

#### v1.6 build 2

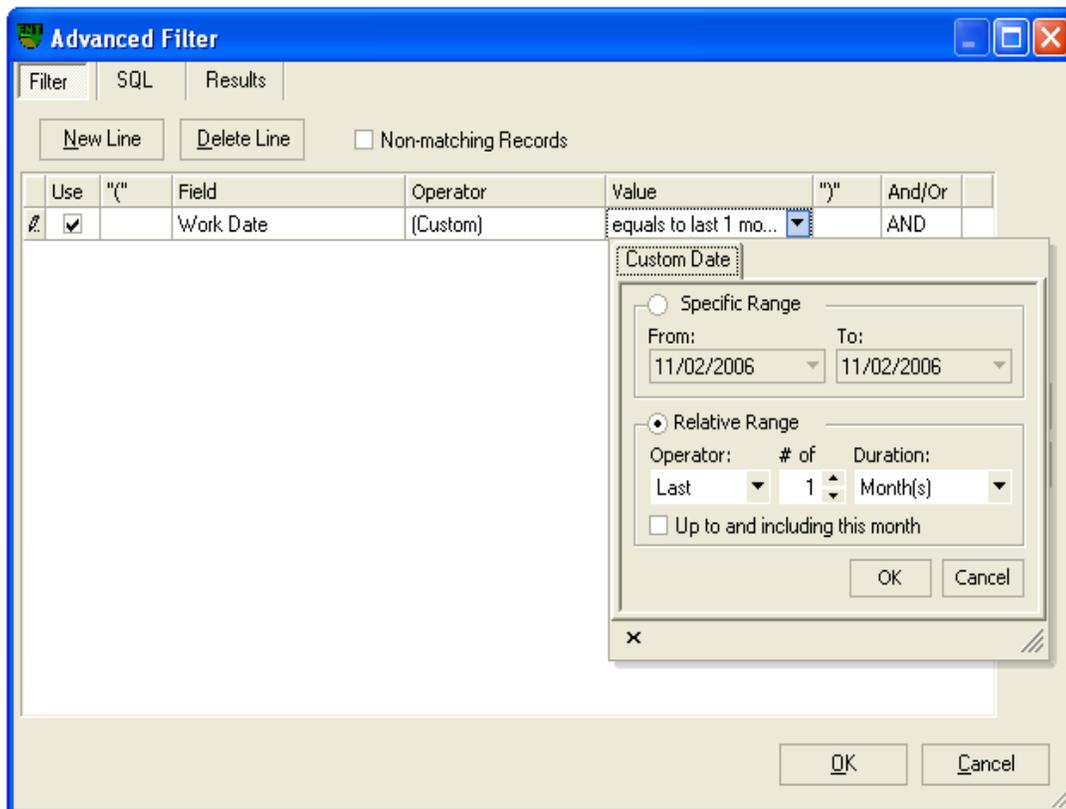
1. **Issue:** When you first open Data Viewer Enterprise and the “Load Data for Grid” checkbox is changed an error may occur.  
**Status:** This issue is resolved.
2. **Issue:** If Data Viewer Enterprise fails to populate a DataView an error message will show up. After that message, if the user clicks buttons on the main form an error may occur.  
**Status:** This issue is resolved.
3. **Modification:** Made minor cosmetic changes.

#### v1.6 build 1

- Issue:** The grid doesn't show data properly if its column editor is MemoExEdit.  
**Status:** This issue is resolved for standard text, but for rich text data type some more work needs to be done.
- Issue:** When populate the grid, if the SQL statement has invalid columns and Data Viewer Enterprise tries to remove the invalid columns an error would occur.  
**Status:** This issue is resolved.
- Issue:** If the DataView doesn't have correct database connection settings, an error would occur.  
**Status:** This issue is resolved.
- Modification:** For the "Saved Layout" menu on the main form, click the "Restore Factory Defaults" will populate the DataView layout based on Data Viewer Designer basic settings.
- Modification:** Changed the grid filter button look back to what it was before.
- New Feature:** The Release Notes menu will now show the PDF version of the release notes file if Adobe Reader is installed. If Adobe Reader is not installed, the release notes will be displayed as they have in previous versions.

- New Feature:** The Advanced Filter now supports including the current day, week, month, and year as an option in the Relative date Range. This means that if a user selects “Last” “2” “Months” and the “Up to and including this month” check box is selected then the filter will return all the records for the current month and the last 2 months (inclusive). If the “Up to and including this month” check box is not selected then the filter will only return the records for the last 2 months (but not including the current month).

Note: the Fiscal Year(s) option does not support the inclusive option at this time. This will be supported in future version but for now if a user selects Last 2 Fiscal Years, the filter will only return the data from 2 Fiscal Years ago (but only 1 Fiscal Year at a time). Also, the word “Previous” has been changed to “Last” to better reflect what the filter will include. See the screen print below.



v1.6 build 0

- New Feature:** Updated DevExpress controls to the latest version.
- New Feature:** A new button at the bottom right side of the grid called “Edit Filter” has been added so the users to create and modify column filters in a hierarchy display instead of in the column header. This feature gives the users more options for creating column filters.
- Modification:** Data Viewer Enterprise no longer writes any information to files on the local hard drive.
- Modification:** Made some changes to make Data Viewer Enterprise use memory more effectively.
- Modification:** Made minor cosmetic changes.

#### v1.5 build 8

1. **Issue:** For Advanced Filter, sometimes the Advanced Filter button is bolded but there is no Advanced Filter checked or the saved Advanced Filter is empty.  
**Status:** This issue is resolved.
2. **Issue:** When a DataView has failed to load, if the user clicks any button or menu item on the main form then an error would occur.  
**Status:** This issue is resolved.
3. **Modification:** Data Viewer Enterprise no longer uses the "DVEnterprise DB Name" setting in the "Vemax.GlobalInfo.dat" file.
4. **Issue:** After the DataView is opened, if the user changes the status of "Load Data for Grid" check box, the program doesn't respect the recent change when it loads a saved layout or sets a different Advanced Filter or Data Summary. The same Issue exists with the chart to the "Load Data for Chart" check box.  
**Status:** This issue is resolved.
5. **Issue:** On the main form, the user opens a layout and doesn't make any changes on the layout. But if he or she removes a saved layout from the drop-down list and then tries to leave the current DataView or clicks F5 to refresh the current DataView, a message dialog shows that the layout has changed and asks if the user wants to save it.  
**Status:** This issue is resolved.
6. **Issue:** If the Data Viewer Designer Enterprise Manager doesn't create a DataView properly, Data Viewer Enterprise will show some error messages more than once when the user tries to open the DataView.  
**Status:** This issue is resolved
7. **Issue:** For Data Summary, if the user loads a Data Summary that is different in view type than the current view layout (for example: the current view layout is flat grid but the saved Data Summary is flat card), an error would occur.  
**Status:** This issue is resolved
8. **Modification:** Made minor cosmetic changes.

#### v1.5 build 7

1. **Issue:** If the "editor" field in Data Viewer Designer is set as a "Progress Meter" but the Progress Meter properties are not set properly, an error would occur.  
**Status:** This issue is resolved.
2. **Issue:** For the grid, the DateTime Field isn't shown properly.  
**Status:** This issue is resolved.
3. **Issue:** For the grid with an Advanced Filter selected, if the user opens the current Advanced Filter dialog and un-checks all filter lines (so that there is no advanced filter set at all) and then closes the dialog, the previous advanced filter is still on.  
**Status:** This issue is resolved.

4. **New Feature:** The program will now automatically remember the Configuration that the user was last was in upon logging out of the system. This feature was added so each user no longer has to change the Configuration each time they log in if the default Configuration is not the one they want. No additional setting is required for this feature.
5. **New Feature:** For the grid, the user can set the fixed columns.  
To fix a column:
  - a. Move the cursor on the column header.
  - b. Click the right mouse button to open the popup menu.
  - c. Click the "Fixed Left" item to fix the column to the left side.
  - d. Click the "Fixed Right" item to fix the column to the right said.  
To cancel a fixed column:
  - a. Move the cursor on the fixed column header.
  - b. Click the right mouse button to open the popup menu.
  - c. Click "Not Fixed" item to cancel the fixed column.
6. **New Feature:** For the Print/Preview of the grid, the Advanced Filter string is shown on the bottom left of the page.
7. **Modification:** Made minor cosmetic changes.

#### v1.5 build 6

1. **Issue:** If you setup and save a column filter on a column that contains dates, when you reopen the layout the grid is not filtered on that column correctly.  
**Status:** This issue is resolved.
2. **Issue:** Grid View: the column filter may be lost when opening a saved Advanced Filter or creating a new Advanced Filter.  
**Status:** This issue is resolved.
3. **Issue:** Form Reports: when a user clicks the Show Form Report button to open a Form Report, it does not show the default Form Report.  
**Status:** This issue is resolved.
4. **Issue:** On the Data Summary dialog, if the user selects Calculate Fields to create a Data Summary, an error may occur.  
**Status:** This issue is resolved.
5. **Issue:** Charting: if a Chart has multiple series, and one or more of the series has null values, the Chart will not show these series properly.  
**Status:** This issue is resolved.
6. **Modification:** Made minor cosmetic changes.

#### v1.5 build 5

1. **New Feature:** Added "Use Grid Filter" check box on the main form tool bar. If it is checked, the Form Report will be filtered by the Grid's current filter (Advanced Filter and Columns filter).
2. **Issue:** When a Form Report has focus and the user clicks F5 or the current DataView to refresh the screen the Form Report Toolbar is disabled.  
**Status:** This issue is resolved.

3. **Issue:** When a Form Report has focus and the user clicks on a different DataView an error may occur.  
**Status:** This issue is resolved.
4. **Issue:** If a configuration has no DataViews showing on the Sidebar and the user clicks on the Display Grid menu item an error may occur.  
**Status:** This issue is resolved.
5. **New Feature:** On the main form, if the configuration has no DataViews on the Sidebar. A there are no available DataViews message will shows on the main form and the Display Grid, Refresh, Show Data View Description Menu Items and the Load Data for Grid, Load Data for Chart buttons are disabled.
6. **Modification:** Made minor cosmetic changes.

#### v1.5 build 4

1. **Modification:** For some DataViews, if there are too many records returned, it may cause “Out of Memory Exception” Issue. If This issue happens, the program will show a more descriptive message so the user can try to avoid This issue.
2. **Modification:** Made minor cosmetic changes.

#### v1.5 build 3

1. **Modification:** Made some changes to load saved Advanced Filter fast.
2. **Issue:** An error may occur if a DataView has no records, and it has fields using a Progress meter as the editor.  
**Status:** This issue is resolved.
3. **Issue:** If the saved DataView layout has a column filter and the column data type is Date, the layout may not be loaded properly (there is no records shown in the view).  
**Status:** This issue is resolved.
4. **Issue:** In the Advanced Filter dialog, when a field has many values the Load Data button may not work correctly.  
**Status:** This issue is resolved.
5. **Issue:** When you open the Advanced Filter, click cancel to close the dialog, and then try to change the layout, the program will ask if you want to save the changed layout. But no change has occurred as the Advanced Filter dialog was cancelled.  
**Status:** This issue is resolved
6. **Modification:** Made minor cosmetic changes.

#### v1.5 build 2

1. **Issue:** When a DataView has a progress meter as the editor an error may occur when the user switched the DataView from flat grid to flat card when a field.  
**Status:** This issue is resolved.
2. **Issue:** When a DataView has layouts for flat and master/detail, if the master/detail layout is not setup correct, sometimes the flat grid will not work properly.  
**Status:** This issue is resolved.

3. **Modification:** Made minor cosmetic changes.

#### v1.5 build 1

1. **Issue:** Advanced Filter - If you open the advanced filter, don't add any lines, and then click the Ok button it closes the dialog and uses a blank filter. The Advanced Filter button text is bolded and you can save it.  
**Status:** This issue is resolved.
2. **Issue:** Advanced Filter - When you create a new advanced filter and click the Ok button it is applied. If you then clear the filter before saving it doesn't mention that your changes will be lost. If you then try to leave the view, a message is displayed saying the advanced filter has changed, but you have already cleared it and there is nothing to save.  
**Status:** This issue is resolved.
3. **Issue:** Card View - When you have a grid in Card View the only toolbar buttons that should be shown are print and export. The other buttons only apply to grid views.  
**Status:** This issue is resolved.
4. **Issue:** Data Summary - Create a data summary. Clear it, but don't save. Click data summary again (don't leave the view or refresh) and the summary that you cleared is loaded in the dialog.  
**Status:** This issue is resolved.
5. **Issue:** Data Summary - Create a data summary on a view that has preview fields in the drop down. Notice that the preview fields are cleared. Good. Clear the summary. The preview fields do not reload, the drop down is empty. You have to reload the view to get them back.  
**Status:** This issue is resolved.
6. **Issue:** Data Summary - Create a data summary. Clear it and say yes to the save message to avoid losing the changes. When the save dialog is shown, click the cancel button. It clears the summary as if a successful save occurred (potential to lose a summary). There is the same Issue on Advanced filter.  
**Status:** This issue is resolved.
7. **Issue:** When a user tries to open a view which doesn't have FieldInfo records populated a message (9722) "Cannot find Field Info records, please populate the field info and try again". When the user clicks OK button another error shows up.  
**Status:** This issue is resolved.
8. **Modification:** Form Report: removed direct print button to avoid printing all pages of the current Form Report by mistake.
9. **Issue:** Form Report. If the user tries to print the currently opened Form Report the print job is sent to the same printer as the Form Report designer selected. It supposed choose the local default printer.  
**Status:** This issue is resolved.
10. **Issue:** When the user chooses to filter by computer name the program may raise an error.  
**Status:** This issue is resolved.
11. **Modification:** Made minor cosmetic changes.

v1.5 build 0

6. **New Feature:** Added Form Report functionality so form-style reports can be created in Data Viewer Designer Enterprise and displayed and printed in Data Viewer Enterprise.
7. **New Feature:** Updated DevExpress controls to the latest version.
8. **Issue:** In the Chart screen, if the DataView has chart setting but cannot draw the chart. If the user clicks Chart Setup button to open Chart Setup screen and then click Cancel button to close the screen. The next time when user opens Chart Setup screen the all records are lost.  
**Status:** This issue is resolved.
9. **Issue:** In the Advanced Filter, it takes too long to popup the dropdown list for the Field Value column.  
**Status:** This issue is resolved. Added the "Load" button to the Data tab in the dropdown list.
10. **Issue:** In the Advanced Filter, an error "Column 'colOrder' is constrained to be unique" occurs when the user deletes existing rows then adds new ones to the grid.  
**Status:** This issue is resolved.
11. **Issue:** In the Advanced Filter, the replaceable text "[Login RG]" is not working for MMS database.  
**Status:** This issue is resolved
12. **Issue:** In the Advanced Filter, a user creates a new advanced Filter and saves it, when the user leaves the current grid layout the program fails to ask the user if save the changed layout.  
**Status:** This issue is resolved
13. **Issue:** In the grid screen, if the user makes some column summary (such as Sum/Count/Max) on the grid and then leaves current layout the program fails to ask the user if he or she wants to save the changed layout.  
**Status:** This issue is resolved
14. **Modification:** Made minor cosmetic changes.