

Release Notes for AR Enterprise

v1.1 build 22

1. **New Feature:** Added the ability to add and replace icons beyond image 32 in the Group Item Properties dialog in AR Designer.
2. **New Feature:** Added a menu item to the pop up menu called "Order Folder Nodes" that displays a list of all of the folder nodes with up/down buttons so the Configuration Manager can re-order the nodes.
3. **New Feature:** Added a new method called "RunDVFormReport" for previewing or printing a specific DataViewer form report from the scripts button.
Here are the parameters for this method:

RunDVFormReport(strConfigName, strDataViewName, strFormReportName: String; bolPrintReport: Boolean; strReportFilter: String)

strConfigName is the name of the DataViewer Configuration,
strDataViewName is the name of the DataView,
strFormReportName is the name of the Form Report,
bolPrintReport: set to True to print the report instead of previewing it; set to False to preview the report on the screen.

The format of the **strReportFilter** parameter is as follows:

<Filter Type>: <Data band name 1> := <Filter String 1> ~ <Filter Type>: <Data band name 2> := <Filter String 2> ~ <Filter Type>: <Data band name 3> := <Filter String 3>
etc

Filter Type can only be "Band Filter: " (exactly as shown here) at this time. Other filter types will be added in a future release. If you don't want to filter the report, simply set the parameter to two single quotes "".

After the Filter Type, everything to the left of the := is the name of the Data band and everything to the right is the filter up to the tilde ~

For Example:

Band Filter: Data1 := [Master.Contract Number] == "123" ~ Band Filter: Data2 := [DetailSite.Agg Type] == "abc"

4. **Enhancement:** Improved performance when loading the navigator with thousands of records.
5. **Enhancement:** Changed the Next button in AR to go to next enabled tab and the Previous button in AR to go to previous enabled tab.
6. **Problem:** The Maintain Database dialog may not load float fields with the proper number of decimals.

- Status:** This problem is resolved.
- Problem:** The Goto Last Record in AR may go to the wrong record if there are multiple folder nodes in the navigator.
Status: This problem is resolved.
 - Problem:** The filter for the Navigator (in the Properties dialog) is not included when a form is copied in AR Des.
Status: This problem is resolved.

v1.1 build 21

- New Feature:** In the History Log in AR added a new property called "Log Inserts" to log inserted records or not.
- New Feature:** In the History Log Wizard added dual lists allowing the user to select meaningful fields such as Code and/or Description for display purpose.
- New Feature:** Added Patch Data menu item to the Navigator in AR Viewer that opens the Patch Data dialog. The Patch Data dialog allows the user to apply the patch data file provided by Vemax for updating, changing or correcting data.
- New Feature:** Added Scripts Version and Scripts Path information to the status bar on both AR Viewer and AR Designer.
- Enhancement:** Added a vertical scroll bar to the memo field for the SQL statement in the Aqua screen in AR Designer.
- Enhancement:** Changed the way the script events are entered by the user by adding a ScriptEvents property that displays an editor with the following columns:

Component - pick-list showing all the components on form.
Event - pick-list showing all the events of the selected Component.
Method - edit cell so user can type the name of the Method.

The ArComponent, ArEvent, and ArScriptMethod properties are removed from the Properties list.
- Modification:** Set the default column width wider in the grid at the bottom of the Aqua screen in AR Designer.
- Problem:** In the History Log Wizard the page for setting the master fields does not show up when the data source is linked to the master table.
Status: This problem is resolved.
- Problem:** The History Log in AR does not write the correct key values to the log

table when the logging record is deleted.

Status: This problem is resolved.

10. **Enhancement:** Improved error checking when saving a record that has a calculated label linked to it.
11. **Problem:** Primary key errors may occur when multiple users are entering data simultaneously.
Status: Steps have been taken to reduce the occurrences of this problem.
12. **New Feature:** Added a procedure called “RefreshMaxIDTable” in AR Designer that can be run when the MaxID table gets out of sync with other tables in the database. This procedure should only be run by one person in the organization and when a primary key error occurs. All other users must not be entering any data when this procedure is run or they increase the chance of getting another primary key error.

v1.1 build 20

1. **New Feature:** Added a Find Record button to the Navigator tool bar that enables the user to search any value in the tables that are used in the Navigator.

v1.1 build 19

1. **Problem:** The detail table primary key is added to the SQL statement at runtime even when the detail table fields are not selected for the Navigator. This causes the Navigator to show duplicate nodes if there are multiple detail records.
Status: This problem is resolved.

v1.1 build 18

1. **Problem:** The Maintain Database dialog causes the primary key to be removed and the field order is not working properly.
Status: This problem is resolved.
2. **Problem:** When the user opens the AR Viewer by pressing the Run AR View button from AR Designer, then opens the DV Enterprise by pressing the Run DV Viewer button from AR Viewer, it shows the user login screen. The user should be logged into DV Enterprise automatically if the user has access rights to DV Enterprise.
Status: This problem is resolved.

v1.1 build 17

1. **New Feature:** Added a button to AR Designer to open AR Viewer and load the script that is currently loaded in AR Designer.
2. **New Feature:** Added a menu item in AR Viewer under the Options menu called “Go to Last Viewed Record on Load”. When the form is loaded it will go to the last viewed record in the Navigator if this menu item is checked.

3. **New Feature:** Added a menu item to the Utilities menu called “Empty and Update Selection” that displays a triple list screen to enable/disable of certain screen the ability to Empty and Update in the Import Form Data screen. This menu item is disabled when the setting value “User Can Select Empty & Update Permission” is set to “No”.
4. **New Feature:** Added a menu item to the Utilities menu called “Batch Replace Selection” that displays a triple list screen to enable/disable of a certain screen the ability to Batch Replace in the Import Form Data screen. This menu item is disabled when the setting value “User Can Select Batch Replace Permission” is set to “No”.
5. **Enhancement:** Log the source and destination information to a table called tblareImportFormDataLog in the vmxSystem database when the user imports Form Data.
6. **Enhancement:** The Form Designer now allows editing of the common properties for the multi-selected controls.
7. **Problem:** The Code Editor screen is not maximized when it’s opened.
Status: This problem is resolved.

v1.1 build 16

1. **New Feature:** Added the Field List and Function List to the Code Editor screen allowing the user to copy the text from the lists and paste it into the code memo box.
2. **Enhancement:** Added new events for the TCompGrid component:
 - **OnChangeNode(Sender: TObject; OldNode, Node: TdxTreeListNode);**
 - **OnChangeColumn(Sender: TObject; Node: TdxTreeListNode; Column: Integer);**
 - **OnEdited(Sender: TObject; Node: TdxTreeListNode);**
 - **OnEditing(Sender: TObject; Node: TdxTreeListNode; var Allow: Boolean);**
 - **OnCustomDrawCell(Sender: TObject; ACanvas: TCanvas; ANode: TdxTreeListNode; AColumn: TdxTreeListColumn; ASelected, AFocused, ANewItemRow: Boolean; var AText: String; var AColor: TColor; AFont: TFont; var AAlignment: TAlignment; var ADone: Boolean);**
3. **Enhancement:** Added the Glyph property to all the button controls that specifies the bitmap that appears on the selected button.
4. **Enhancement:** Added the Up and Down buttons to the Maintain Database screen allowing the user to change the field order.
5. **Problem:** Cannot set the font color for all the button controls.
Status: This problem is resolved.

6. **Problem:** The grid setting is not saved when the grid is being displayed on the form and the user clicks on the side bar item to refresh the form.
Status: This problem is resolved.

v1.1 build 15

1. **Enhancement:** AR Enterprise now supports Windows Server 2008.

v1.1 build 14

1. **Problem:** The Form Designer causes the DataField value for the edit control to be blank if the user presses the Apply button, and then immediately presses the OK button more than one time.
Status: This problem is resolved.

v1.1 build 13

1. **Upgrade:** Upgraded to the latest CoreLab components (v4.50), which corrects many internal defects regarding data access.
2. **Problem:** The Reopen Configuration feature causes the setting value for the Default User Configuration to be blank.
Status: This problem is resolved.

v1.1 build 12

1. **Enhancement:** Added the ActiveControl property to the following buttons for setting the active control as focused when the button is pressed:

TArNewButton
TArOKButton
TArDeleteButton
TArCancelButton
TArScriptButton
TArNextPageButton
TArPrevPageButton

v1.1 build 11

1. **Problem:** The error “Undeclared Identifier: Self” occurs when the script contains the code to create the TMSQuery component by passing Self as parameter, i.e. TMSQuery.Create(Self).
Status: This problem is resolved.

v1.1 build 10

1. **Problem:** There is a problem with the “Export Form Data” feature when the source table contains an image field.
Status: This problem is resolved.
2. **Problem:** The error “Error occurred in “” event” occurs when the script button is

pressed or the script list event is executed.

Status: This problem is resolved.

3. **Enhancement:** Changed the icon track bar to icon list view for the sidebar item and node property.

v1.1 build 9

1. **Enhancement:** Improved performance on loading the navigator with one level of form node and containing thousands of records.
2. **New Feature:** Added the following radio buttons to the Main Database Connection Aqua screen:
Multi Levels Form Node: Builds the navigator with multi levels form node.
Single Level Form Node: Builds the navigator with single level form node. All the selected fields are combined together.
3. **New Feature:** Added PreviewReport(strReportFile, strReportTitle, strOrientation, strReportParams: String) method for previewing a specific report from the scripts button.
4. **Problem:** There is a problem with the “Export Form Data” feature when the navigator has filter string set from the Properties dialog box.
Status: This problem is resolved.

v1.1 build 8

1. **Enhancement:** The “Import Form Data” dialog box, which was built using .NET Framework is now called up by the main application through COM technology. In other words, the main application can interact with the “Import Form Data” dialog box, plus it does not lose its focus when the user switches the focus to different application.
2. **Problem:** There is a problem with the navigator OnClick event if the script within it tries to access the table component and the user navigates between many different forms. The OnClick event will generate an error when the user does that.
Status: This problem is resolved.
3. **Problem:** The “Script List” dialog box does not update all the related data when the Scripts Name is changed.
Status: This problem is resolved.
4. **Problem:** The “Script List” dialog box does not delete all the related data when the Scripts List record is deleted.
Status: This problem is resolved

v1.1 build 7

1. **Problem:** The “Export Form Data” feature does not work when there are more

than two levels of table joins.

Status: This problem is resolved.

2. **Problem:** The Aqua screen does not link the fields properly when the user drags and drops a field to the table with the field list box showing the scroll bar.

Status: This problem is resolved.

v1.1 build 6

1. **Modification:** Changed the history log table to include the primary key “HistoryLog_ID”.
2. **Enhancement:** When the “TArShowHistoryLogButton” button is pressed, it shows the new “History Log” dialog if the output table for the history log is assigned.
3. **New Feature:** Added new AR Designer menu item “Options/Auto Backup Scripts” for backing up the Scripts before the current Scripts are changed.

v1.1 build 5

1. **Problem:** The TCompGrid component does not draw the grid cell values correctly when the Options.SmartRefresh property is checked.
Status: This problem is resolved.
2. **Problem:** The TArDBCheckBox should validate the field value instead of the check state when the field value is required.
Status: This problem is resolved

v1.1 build 4

1. **Problem:** The error “Invalid variant operation” occurs when the last record is deleted and the Navigator has empty Form Node.
Status: This problem is resolved.
2. **Problem:** The TCompGrid component does not disable the column sorting when the OptionsEx.egoAutoSort property check box is unchecked.
Status: This problem is resolved.

v1.1 build 3

1. **Upgrade:** The AR Enterprise utilities have been upgraded to support version 2 of the Microsoft .NET Framework.
The [iBOSToolsPrerequisites_2_0.exe](#) install is needed for this version of AR Enterprise.
2. **Modification:** Changed to store the grid settings to the system database instead of the local files.
3. **Problem:** The TArLabel component does not keep the size of the label when it’s

changed from the AR Designer.

Status: This problem is resolved. Must uncheck the AutoSize property.

4. **Problem:** The TCompGrid component does not keep the column order when it's changed from the AR Designer.

Status: This problem is resolved.

5. **New Feature:** Added SetDefaultValues (dsDataSet: TDataSet) method for use in the script to set the default values for the components linked to the dsDataSet. The user may pass in a TMSTable component as the parameter dsDataSet.

v1.1 build 2

1. **Problem:** There is a problem with the Lookup Lists Connection dialog that does not save the correct database name when the OK button is pressed.

Status: This problem is resolved.

v1.1 build 1

1. **Problem:** An error occurs when loading the navigator records with the Navigator Filters set and the filter table contains a field name the same as the table name.

Status: This problem is resolved.

v1.1 build 0

1. **Upgrade:** Upgraded to the latest CoreLab components (v3.80) which corrects many internal defects regarding data access.

2. **New Feature:** Added support for MS SQL Server 2005.

v1.0 build 49

1. **Problem:** The Filter memo box does not save more than one line of text when the OK button is pressed.

Status: This problem is resolved.

2. **Problem:** An error occurs when loading the navigator records with the filter text entered by the user in the Filter memo box.

Status: This problem is resolved.

3. **Problem:** An invalid date error occurs in the Navigator Filters dialog when a date field is used as part of the filters.

Status: This problem is resolved.

4. **Modification:** Changed to show warning when a Form node is defined, then the properties screen closes and there are no field selected in the database.

5. **Modification:** Changed to show warning when a System node is defined, then the properties screen closes and there are selected fields in the database.

6. **New Feature:** AR Enterprise About form: the user can now view the Details section of the About screen in Notepad by double clicking in the Details box. This is useful if the details need to be sent to Vemax for support.

v1.0 build 48

1. **Problem:** The SetChildControlsEnabled() function does not work properly.
Status: This problem is resolved.
2. **Problem:** The TArDBCalcLabel control does not save the calculated value if the dependent field is also a calculated field and the result datasource is the same as the source datasource.
Status: This problem is resolved.
3. ~~**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.

v1.0 build 47

1. **Problem:** The TArDBCalcLabel control does not save the value if the calculated value is zero and the original value is null.
Status: This problem is resolved.
2. **Problem:** The Formula Editor for the TArDBCalcLabel control should not show scroll bars and should not be resizable.
Status: This problem is resolved.
3. **Problem:** The Navigator selects an incorrect record as the current record when the RebuildTree property for the Cancel button is checked and the Cancel button is clicked.
Status: This problem is resolved.
4. **Problem:** All the master records are deleted when the DeleteChildRecords property is checked for the Delete button and the Delete button is clicked.
Status: This problem is resolved.
5. **Problem:** From the Import Folders dialog, the Browse button for the destination path is not working.
Status: This problem is resolved.
6. **Problem:** From the Maintain Database dialog, there is a problem with modifying the table that has reserved word as the field name.
Status: This problem is resolved.
7. **New Feature:** Added the "Alpha_ID" data type to the Maintain Database dialog for use with the ID field and it has the default field size of 15. The "Alpha_ID" data type is equivalent to the SQL Char data type.

8. **Problem:** From the Scripts List dialog, the list boxes should be read only instead of disabled.
Status: This problem is resolved.
9. **Problem:** From the Scripts List dialog, it should allow the user to save the record with invalid Scripts path.
Status: This problem is resolved.

v1.0 build 46

1. **Problem:** There is a problem with the component “TArLastUpdate” not saving the appropriate value to the corresponding field in the table.
Status: This problem is resolved.
2. **Modification:** Changed to limit the number of expanded node to be saved to 20. This will improve the performance of loading the navigator when the menu “Save Navigator Expand/Collapse” is checked.
3. **Modification:** Replaced the Memo control with RichEdit control on the “Maintain Database/Copy Table Structures from CSV File” dialog. By using the RichEdit control, it will not have the text size limit as the regular Memo control.

v1.0 build 45

1. **Problem:** There is a problem with the navigator not locating the correct record when the user clicks on the Form Node. This problem only occurs if the Form Node contains the data from the detail table instead of the master table.
Status: This problem is resolved.
2. **Problem:** The navigator’s popup menu “Expand Branch” is not working properly.
Status: This problem is resolved.

v1.0 build 44

1. **New Feature:** Added the following features to “Copy Table From” button on the “Maintain Database” dialog to support copying table structures from many different data sources.

SQL Table – from SQL database table.

CSV File – from CSV file.

XLS File – from Excel XLS file.

Paradox File – from Paradox table file.

2. **New Feature:** Added the “Import/Export Data” button to the “Maintain Database” dialog for importing data from many different data sources or exporting data to many different data sources.

3. **New Feature:** Added TArDbTimeEdit component to the Standard toolbar tab in the Form Designer. This component allows the user to edit the time value for the DateTime data type field.
4. **New Features:** Added the following new properties to the TDocImage component:

DocSourcePath - specifies the document source path.

DocDestinationPath - specifies the document destination path.

ImgSourcePath - specifies the image source path.

ImgDestinationPath - specifies the image destination path.

Note: If the above path property is not set, it will use the default path from Vemax.GlobalInfo.dat file.

CanChangeSourceFolder - determines whether the user can change the source folder.

CanChangeDestFolder - determines whether the user can change the destination folder.

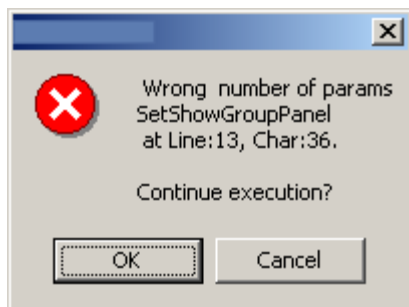
CanEditFileType - determines whether the user can edit the file type.

DefaultOperation - specifies the default operation for adding doc/image file.

Also added “Edit File Type” button to the “Add Document/Image File” dialog.

By pressing this button it shows the “Edit File Type” dialog for the user to edit the file type.

5. **Problem:** The procedure “SetShowGroupPanel” causing the following error when it is used in the OnClick event scripts.
Status: This problem is resolved.



6. **Problem:** There is a problem with the Lookup Lists designer when multiple databases are selected in the aqua screen. It writes incorrect information to the Scripts if the user press the OK button the second time.
Status: This problem is resolved.

v1.0 build 43

1. **New Feature:** Added Progress Meter dialog for use in the script to show the

progress meter.

2. **New Feature:** Added ShowMessageMemo(const MsgLines : TStrings) method for use in the script to show the SQL statements.
3. **Upgrade:** DevExpress controls have been upgraded to the latest version.

v1.0 build 42

1. **Problem:** The “Maintain Database” dialog is not working properly. It doesn’t retain the field value when the user changes the field name.
Status: This problem is resolved.

v1.0 build 41

1. **Problem:** The menu in “Options\Recalculate” is not working. It doesn’t recalculate and save the values for all calculated labels when the ResultDataSource is different from the DataSource for the component “TArDBCalcLabel”.
Status: This problem is resolved.
2. **Problem:** In Form Designer, the Properties dialog for Form Node doesn’t show the Server Name correctly on Database and Lookup Lists tabs.
Status: This problem is resolved.

v1.0 build 40

1. **Problem:** An error occurs when opening User Filters dialog. This only happens if the Sidebar Group Caption, Group Item Caption, or Node Caption containing single quote in the text.



- Status:** This problem is resolved.
2. **Problem:** In Form Designer, the component TArDbHistoryLog’s OutputTable property is not visible.
Status: This problem is resolved.
 3. **Problem:** The component TArDBCalcLabel causes stack overflow problem when the ResultDataSource is different from the DataSource for the component and the ResultDataSource is the master datasource with master/detail relationship set.
Status: This problem is resolved.

4. **Problem:** There is a problem with the navigator OnClick event if the script within it tries to access the table component and the user navigates between many different forms. The OnClick event will generate an error when the user does that. This problem had been reported in v1.0 build 37.
Status: This problem is resolved.
5. **Problem:** There is a memory leak problem with the TMSTable components not being destroyed when the user navigating to a different form.
Status: This problem is resolved.
6. **Modification:** Added “Use Existing File” Operation to the component TDocImage’s “Add Document/Image File” dialog. It allows the user to use existing file instead of copying or moving file.

v1.0 build 39

1. **Modification:** Modified the program not to load the Sidebar group if the group does not contain any selected group items from the “Group Item Selection” dialog.

v1.0 build 38

1. **New Feature:** Modified the User Filter screen to make it easier to set up many filters for many users.
2. **New Feature:** Added new “Group Item Selection” dialog in “Utilities\Group Item Selection” menu. It has the ability to Show/Hide Sidebar items from the users like in DataViewer Enterprise. By default the menu is disabled. To enable it for a user, open “Security Settings” screen in Custom Control Panel and change the “User Can Select Group Item” setting value.
3. **Problem:** In viewer mode, the program loads the navigator as if it's in designer mode. This happens when you install AR Enterprise for the first time.
Status: This problem is resolved.

v1.0 build 37

1. **New Feature:** Added Check For Updates feature to the Help menu. It checks for latest version of the updates for the running application.
2. **New Feature:** On start up of the application, it does the following checks:
 - (a) Check for latest updates for the running application.
 - (b) Check for minimum application version required to access the current database.
 - (c) Check for the minimum update DB version required to be run on the current database before the running application has access to it.
3. **Problem:** In designer mode, the program freezes when it’s opening the design

form, which contains table with a huge number of records.

Status: This problem is resolved.

4. **Problem:** There is a problem with the navigator OnClick event if the script within it tries to access the table component and the user navigates between many different forms. The OnClick event will generate an error when the user does that.

Status: This problem is still existed.

v1.0 build 36

1. **Problem:** The component “TArDBCalcLabel” does not display the result value with the correct display format, which is set from the component “TArDbDisplayFormat”.

Status: This problem is resolved.

2. **Problem:** The grid settings are not saved when the program is closed.

Status: This problem is resolved.

v1.0 build 35

1. **Problem:** The component “TArDBCalcLabel” does not update the calculated value to the result field when the ResultDataSource is different from the DataSource for the component.

Status: This problem is resolved.

2. **Problem:** The Maintain Database dialog has duplicate shortcut keys for the buttons.

Status: This problem is resolved.

v1.0 build 34

1. **Upgrade:** Upgraded to the latest CoreLab components (v3.55.0.16).

v1.0 build 33

1. **Problem:** Problem with setting the scripts version when AR Ent Designer starts up with the default scripts and also it does not display the correct scripts version in help about dialog.

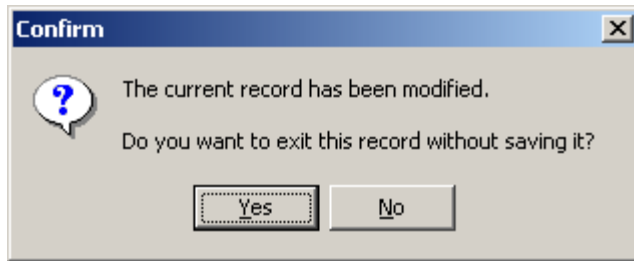
Status: This problem is resolved.

2. **Problem:** The “OnClick” event does not trigger when the user clicks on the Form Node and the program fails to locate the current record.

Status: This problem is resolved.

3. **Problem:** When the current record is in edit or insert mode, if the “New” button is clicked it shows the following message. This message should not show up.

Status: This problem is resolved.



- 4. Modification:** When a user logs in additional information including the DatabaseName, ComputerName, and Connection are stored in the CurrentUsers table.

v1.0 build 32

- 1. Problem:** The "Enable System ID" flag is not set for AR Ent Viewer when setting it in AR Ent Designer. It should be setting both at the same time.
Status: This problem is resolved.
- 2. Problem:** The DV Enterprise icon is not working properly. It doesn't open the DV Enterprise application and it doesn't save the path to DV Enterprise application file when the user browses to it.
Status: This problem is resolved.

v1.0 build 31

- 1. Problem:** The Open Configuration and Reopen Configuration changes the Application Caption value in file "Vemax.GlobalInfo.dat". It should not do that.
Status: This problem is resolved.
- 2. Problem:** The User Filters dialog is not showing the Groups and Group Items drop down values properly.
Status: This problem is resolved.
- 3. Problem:** The Reopen Configuration menu shows duplicate menu items.
Status: This problem is resolved.
- 4. Problem:** The Import/Export Configuration is not functioning correctly if the source and destination scripts have different database settings in ConnectionInfo.dat file.
Status: This problem is resolved.
- 5. Modification:** Enabled the "Clear Current Filter" menu for the Navigator all the time. This allows the user to clear the current navigator filter if the filter string being applied is invalid.
- 6. Modification:** Converted the AR Enterprise application and RunSimpleReport.exe to use .NET Framework for running Crystal reports.

7. **New Feature:** Added ShowScanButton property to TDocImage component to show/hide the Scan Files buttons.

v1.0 build 30

1. **Problem:** If the TArNewButton.ActiveControl property is set the active control is not set to focused when the button is clicked.
Status: This problem is resolved.
2. **Problem:** The “LoadNavigatorRecords()” function is not parsing the database alias correctly in “ConnectionInfo.dat” file.
Status: This problem is resolved.
3. **Problem:** The “Properties” dialog in designer mode is causing the “OnClick” text file to be deleted when the “Scripting” tab is not active and the “OK” button is pressed.
Status: This problem is resolved.
4. **Modification:** Changed the Help menu to open “.chm” help file or open other types of file by using Windows association.
5. **New Feature:** Added the following properties to the Save, New, Delete, and Cancel buttons to process child records:

TArOKButton.PostChildRecords
TArNewButton.PostChildRecords
TArDeleteButton.DeleteChildRecords
TArCancelButton.CancelChildRecords

6. **New Feature:** Added a new setting in “Vemax.GlobalInfo.dat”:

[AREntViewer]
Can Maintain Users=No (default)

By setting the value to “Yes” enables the “User List” menu. In the “User List” dialog, it only loads the viewer user names in the list.

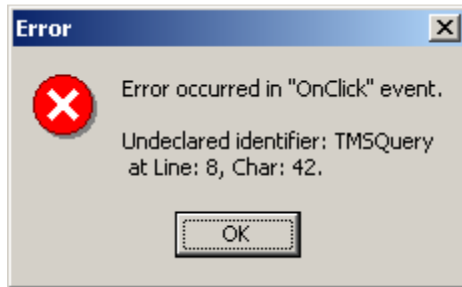
7. **New Feature:** Added TArDbLastUpdate component to set dataset field values for CreatedDateTime, LastUpdateDateTime, and LastUpdateUser.
This new component is on the “Advanced” tab in Form Designer.
8. **Modification:** Changed the default folder to the currently opened configuration folder when the “Open Configuration” menu is clicked.

v1.0 build 29

1. **Problem:** The function “PostRecord(datDataSource: TDataSource; bolRebuildTree: Boolean)” is causing “OnClick” event error when the

“bolRebuildTree” parameter is set to True and the TMSQuery object is created in the Script button.

Status: This problem is resolved.



- 2. Problem:** The “Save Navigator Expand/Collapse” menu option is not functioning properly.

Status: This problem is resolved.

- 3. Problem:** If the user tries to create filter for the navigator when the navigator has more than one table joined together and the tables contain the same column names the error “LoadNavigatorRecords: Ambiguous column name ‘SIGNCREWBU’” occurs.

Status: This problem is resolved.

- 4. Problem:** The navigation buttons for the navigator not functioning properly when the data is grouped into many tree levels.

Status: This problem is resolved.

- 5. Problem:** The Scripts List dialog is not functioning properly. Added “All Users” column, defaults to checked. It means all users have access to the scripts.

Status: This problem is resolved.

- 6. Problem:** The Convert Scripts button in Form Designer is not finding the ArScriptsList components on the form.

Status: This problem is resolved.

- 7. New Feature:** Added new menu “File\Default Configuration”. It has two submenu items:

Save User Default: saves the current configuration as user default.

Delete User Default: deletes the user default configuration.

When AR Ent application starts up, it loads the user default configuration if it exists, else it loads the system default.

v1.0 build 28

- 1. Problem:** The “PostRecord(datDataSource: TDataSource; bolRebuildTree: Boolean)” function is not rebuilding the tree when the “bolRebuildTree”

- parameter is set to True.
- Status:** This problem is resolved.
- 2. Problem:** The “Open Configuration” feature is causing “Access violation” error.
Status: This problem is resolved.
 - 3. Problem:** The “OK” button is causing “Invalid variant type conversion” error when the primary key field is an integer field.
Status: This problem is resolved.
 - 4. Problem:** Fixed the problem with “Export Form Data” not respecting the navigator filters.
Status: This problem is resolved.
 - 5. New Feature:** Added “ON/OFF” status to the Navigator Filters button and improved the operation of saving navigator filters.
 - 6. New Feature:** Added display of Server Name, System ID, and Total Records to the status panel.
 - 7. Modification:** Improved the speed of loading the form and navigating records from the navigator.

v1.0 build 27

- 1. Modification:** Changed the version number to new format “Version: 1.0 (Build 27)”.
- 2. Problem:** There is a problem with the Display Format when using Table.FilterSQL property in OnClick event.
Status: This problem has been fixed.
- 3. Problem:** The System ID dialog not functioning correctly.
Status: This problem has been fixed.
- 4. Problem:** When you delete a record it may freeze the program.
Status: This problem has been fixed.
- 5. New Feature:** Added new component “TDocImage” for keeping track of documents/images data. This component is in the “Advanced Pro” component palette.

Required Properties:

DocImgTypeDataSource: TDataSource (tblDocImageType)
DocumentDataSource: TDataSource (tblDocImages)
ImageDataSource: TDataSource (tblDocImages_1, same physical table as document but with different table alias)
DocumentKeyField: String (DocImages_ID)
ImageKeyField: String (DocImages_ID)
DocImgTypeKeyField: String (DocImageType_ID)

Required Tables:

tblDocImages, tblDocImageType

Database Aqua Screen:

- Add to the aqua panel a master table and add tblDocImages table twice. One of the tblDocImages tables will appear as tblDocImages, use it for documents and use tblDocImages_1 for images.
- Join the master table to both tblDocImages and tblDocImages_1 by using the primary key from the master table to the Parent_ID from the tblDocImages and tblDocImages_1 tables.
- Changed the Join Type to Left Outer for both tables.
- Select the field(s) from the master table for displaying in the navigator.

Lookup Lists Aqua Screen:

- Add to the aqua panel the tblDocImageType table.
- Add other lookup tables for the master table if necessary.

Added new settings in “Vemax.GlobalInfo.dat”:

```
[AREntDesigner]
Documents Source Path= C:\Program Files\iBOS
Tools\Documents\AREntDesigner\Source (default)
Images Source Path= C:\Program Files\iBOS
Tools\Images\AREntDesigner\Source (default)
Documents Destination Path=C:\Program Files\iBOS
Tools\Documents\AREntDesigner (default)
Images Destination Path=C:\Program Files\iBOS
Tools\Images\AREntDesigner (default)
```

```
[AREntViewer]
Documents Source Path= C:\Program Files\iBOS Tools\Documents\
AREntViewer\Source (default)
Images Source Path= C:\Program Files\iBOS Tools\Documents\
AREntViewer\Source (default)
Documents Destination Path=C:\Program Files\iBOS Tools\Documents\
AREntViewer (default)
Images Destination Path=C:\Program Files\iBOS Tools\Images\
AREntViewer (default)
```

v1.0 build 26

- 1. New Feature:** Added new function for populating TdxDBGridPickColumn items:
AddCompGridPickColumnItems(CompGrid: TCompGrid; strColumnName:
String; tblPickList: TMSTable; strItemFieldName: String);
- 2. New Feature:** Added new settings in “Vemax.GlobalInfo.dat”:

```
[AREntDesigner]
Can Design Forms=Yes (default)
Can Open Configuration=Yes (default)
Can Import Form Data=Yes (default)
```

[AREntViewer]

Can Open Configuration=Yes (default)

Can Import Form Data=Yes (default)

Can Import Configuration=Yes (default)

Can Import Folders=Yes (default)

- 3. Problem:** There is a problem with the resizing in TCompGrid's Grid Editor.
Status: This problem has been fixed.
- 4. Problem:** The scripts list's component events are not being called when more than one TArScriptsList component is used.
Status: This problem has been fixed.

v1.0 build 25

- 1. New Feature:** Added 2 settings in "Vemax.GlobalInfo.dat":

Use Global Info Server=Yes (default)

Use Global Info Login=Yes (default)

These settings will force AR Ent to use Global Info Server or Global Info Login setting values from "Vemax.GlobalInfo.dat" for the database connection.

- 2. Problem:** AR Ent is still accessing the old "Local" folder.
Status: This problem has been fixed.
- 3. Problem:** There is still a problem with error LoadNavigatorRecords: Ambiguous column name "SIGNCREWBU". This happens if the user tries to create filter for the navigator when the navigator has more than one table joined together and the tables contain the same column names.
Status: This problem will be fixed in a later version.

v1.0 build 24

- 1. Modification:** Removed the code writing Scripts Path to "Vemax.GlobalInfo.dat".
- 2. Problem:** The Open Configuration and Reopen not reloading the sidebar.
Status: This problem has been fixed.

v1.0 build 23

- 1. Problem:** The Navigator Filters are not user specific when they should be.
Status: This problem has been fixed.
- 2. New Feature:** Added "Import Navigator Filters" check box in "Import Configuration" dialog.
This version allows the current user to import the navigator filters if the import file has included the navigator filters.
- 3. Problem:** The "Import/Export Configuration" dialog does not respects the settings in "Vemax.GlobalInfo.dat" file.
Status: This problem has been fixed.

4. **Problem:** The “Import/Export Folders” dialog does not respects the settings in “Vemax.GlobalInfo.dat” file.
Status: This problem has been fixed.
5. **New Feature:** Added settings in “Vemax.GlobalInfo.dat”. This version respects all the settings in that file. The sections in the file are [AREntDesigner] and [AREntViewer].