Release Notes for WRR

4.0 build 0

1. **Major Upgrade:** All the third-party controls (such as the grids, edit controls, buttons, etc.) in all screens have been upgraded to the latest version.

2. **Enhancement:** Changed the Show Filters dialog to save and restore the form width and the form height is auto adjusted by the number of rows in the grid, plus other cosmetic changes. Added the Reset Grid Layout menu to the grid toolbar's Grid Options button to reset the grid layout back to the default.

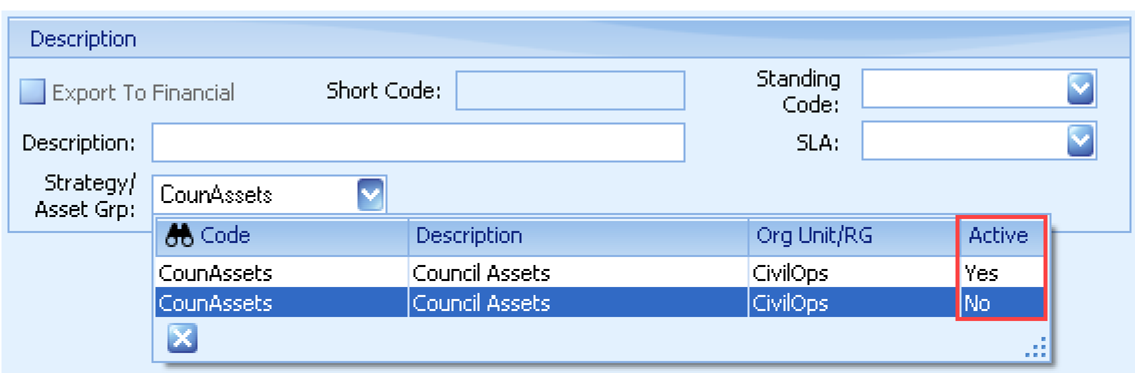
3. **Enhancement:** Modified the Template dialog to save and restore the form width, form height and grid layout, plus other cosmetic changes. Added the Reset Grid Layout menu to the grid toolbar's Grid Options button to reset the grid layout.

4. **Enhancement:** Changed the Report Manager dialog to auto adjust the form height by the number of rows in the grid, plus other cosmetic changes.

5. **Enhancement:** Changed the Run Calculator button to support running custom Calculator application instead of the standard Windows Calculator. Set the "Run Calculator Filename" agency setting in WRR Control Panel to 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.

6. **Issue:** The "Scan New Files" on the "Docs/Images" tab is not scanning the files in the destination subfolder: \Year\Month\WRNumber (i.e.: \2020\07\2007080020) if the subfolder exists.
   Status: This issue has been resolved.

7. **Issue:** The "Strategy/Asset Grp" picklist on the Request is showing duplicated items which is causing the problem that the user does not know which one is the right one to pick. This picklist may contain duplicated items because the Asset Group is fiscal year specific and WRR is not. Also, this picklist contains only one active item per code.
   Status: This issue has been resolved by adding the Active column to the picklist so the user can pick the Active for new record.



8. **Issue:** The auto generated WR Number Suffix is unnecessarily incremented every time when the user modifies the existing work request record with the "Edit WR Number" check box checked and then the user presses the Apply button. This creates a gap with the Suffix numbers when the new work request record is created.
   Status: This issue has been resolved.

3.0 build 11

1. **Enhancement:** Enhanced the file validation process for the “Add Image File” and “Add Document File” dialogs.

3.0 build 10

1. **Enhancement:** The “Add Image File” and “Add Document File” dialogs are now remembering the Operation the user has picked and restoring it when the dialog opens.

2. **Enhancement:** For the Documents/Images grids, added the “File Exists” dialog to allow the user to rename the existing destination file or overwrite it when the Operation: Copy or Move is selected.

3. **Enhancement:** For the Documents/Images grids, added validation check that does not allow adding the same file to the same destination folder more than once.

4. **Issue:** The error *“[mscorlib: PopulateImagesGrid(): frmWRR_2_AfterSyncRecord(): SyncRecord(): SyncSubFormRecord()] The path is not of a legal form.”* occurs when loading the Images grid data containing an invalid path.
   Status: This issue has been resolved.

5. **Issue:** When the user selected the File Type on the “Update Image File” dialog or the “Update Document File” dialog and the Operation is not “Use Existing File” and the Destination File box is enabled, the “Default Destination Folder” for the selected File Type is not being applied to the Destination File box.
   Status: This issue has been resolved.

3.0 build 9

1. **Enhancement:** Added the following Agency setting in the WRR Control Panel:
   - **Destination Folder Must use UNC in Docs and Images -** Set to Yes (recommended) to force users to use UNC (Universal Naming Convention: \\...) for the Destination Folder in Docs and Images. This is to prevent users from storing documents and/or images on local or mapped drives.

3.0 build 8

1. **Enhancement:** WRR internally stores the file extension to the “Docs/Images” table for use in DataViewer if needed.

3.0 build 7

1. **Enhancement:** Enhanced the file validation process for the “Add Image File” and “Add Document File” dialogs.

2. **Enhancement:** Added the following Agency settings in the WRR Control Panel to eliminate the need to set the “Documents Path” setting in the Global Info file. This is for the Docs/Images grids.
   If documents or images are stored on a shared folder on a server, then it is important to use these new settings to avoid users storing the files on their workstations.
   - **Default Documents Folder-** Specifies the default destination folder for documents.
   - **Default Images Folder -** Specifies the default destination folder for images.

3. **Enhancement:** Added the following Agency setting in the WRR Control Panel:
    - **Must Select File Type in Docs and Images -** Set to Yes to force users to select a File Type when adding documents or images so the default destination folder can be set accordingly. This is only needed if the Default Destination Folders are defined in the “Doc/Image Type” screen the WRR Control Panel.

4. **Enhancement:** Added support for PDF files in the Images grid in the Docs / Images tab. This is intended to accommodate items like photos and drawings that are scanned into PDFs and users want to store them in the Images grid rather than the Documents grid.

3.0 build 6

1. **Issue:** The grids on the Docs/Images tab may become not editable after the F5 key is pressed to refresh the current record that is previously locked by someone else.
   Status: This issue has been resolved.

2. **Issue:** The “Enter Asset ID” check box within the Location group box on the Identification tab is not retaining the check state when it is checked and the Apply button is pressed.
   Status: This issue has been resolved.

3.0 build 5

1. **Enhancement:** Improved record locking in multi-user environments.

2. **Modification:** Made the following changes to the Add Image File and Add Document File dialogs:

    - Remembers the last source file folder the user has selected and uses it automatically as the default when the user is adding new image or document.

    - When the Browse button for the source file is clicked, it checks if the folder exists for the source file. When the folder does not exist, the initial folder is set to the last saved source file folder if it’s available, otherwise it sets the initial folder to the user’s “My Documents” folder.

    - Added validation in the OK button to check if the source file name is blank or if the source file does not exist. If the file does not exist, a message will be displayed telling the user that the file must exist in order to proceed.

3. **Issue:** The mouse wheel does not scroll the items in the pick lists on Windows 7.
   Status: This issue has been resolved.

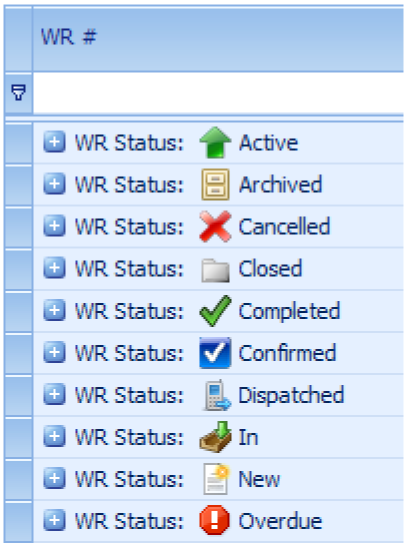
4. **Issue:** The error *“[System.Data: UpdateDataSet(tblWrkReqAutomatedTasks): SaveRecord()] Concurrency violation: the UpdateCommand affected 0 of the expected 1 records*.” may occur when the Apply button is pressed for new work request record.
   Status: This issue has been resolved.

5. **Issue:** The progress bar on the right side of the status panel is not showing the progress in red color when a theme is used. The progress bar is for showing the elapsed time since last refresh.
   Status: This issue has been resolved.

3.0 build 4

1. **Cosmetic:** Changed the icon for the Confirmed WR Status as shown below to avoid confusion with the Completed status.

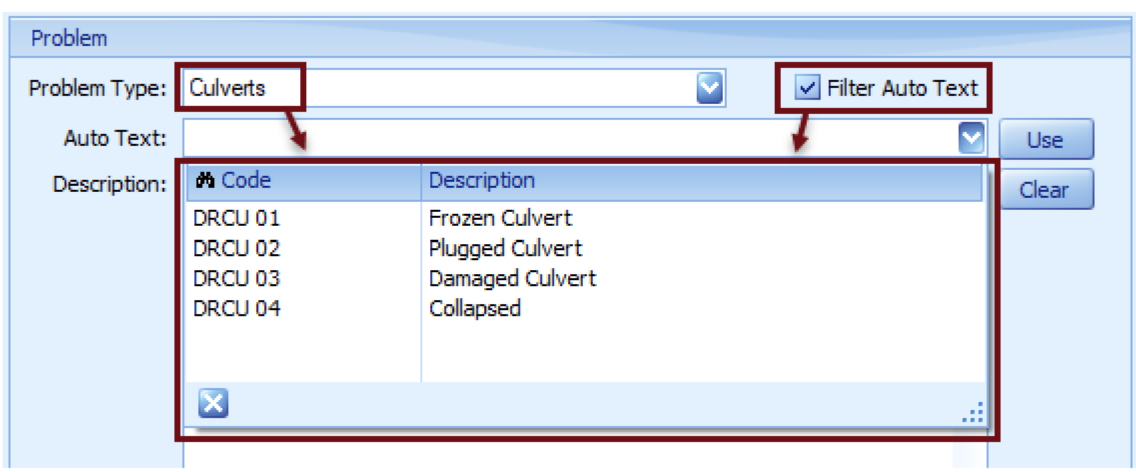
   This is a list of all the WR Status values:

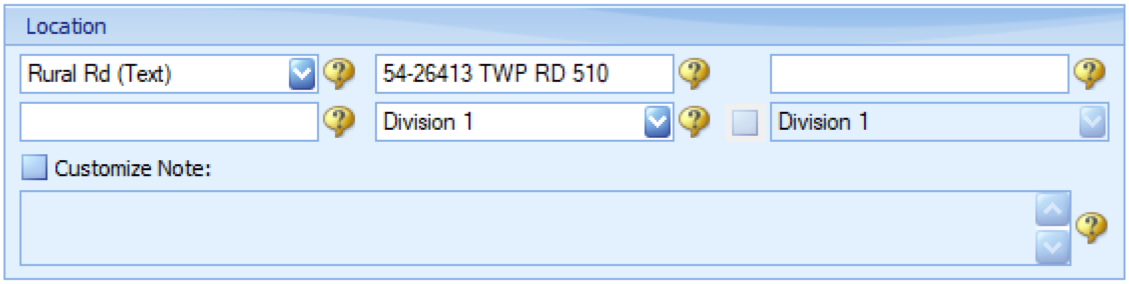
2. **Issue:** The "Refresh Navigator" button no longer flashes red when there are updates to the work requests that are assigned to the current user.
   Status: This issue has been resolved.

3.0 build 3

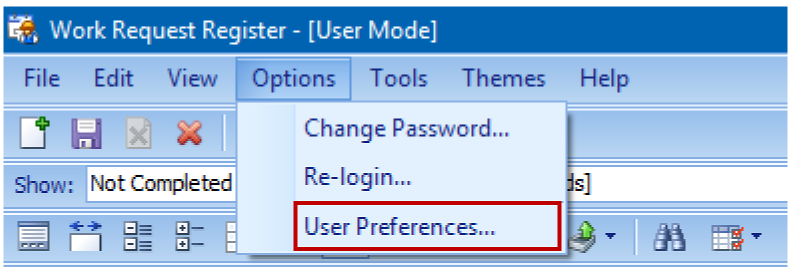
1. **New Feature:** Added the option of filtering the Problem Auto Text based Problem Type. A new agency setting "Filter Problem Auto Text" to Security & Settings screen in CCP and WRR CP is used to enable this feature. If this setting is set to 'Yes', the 'Filter Auto Text' check box in WRR will be visible and the Problem Auto Text pick list will be filtered by the Problem Type selection when the check box is checked.

2. **New Feature:** Added the “Customize Note” check box to the Location group. When unchecked, the memo control for the Note is disabled and is updated from WRR CP. When checked, the memo control for the Note is enabled and is not updated from WRR CP.



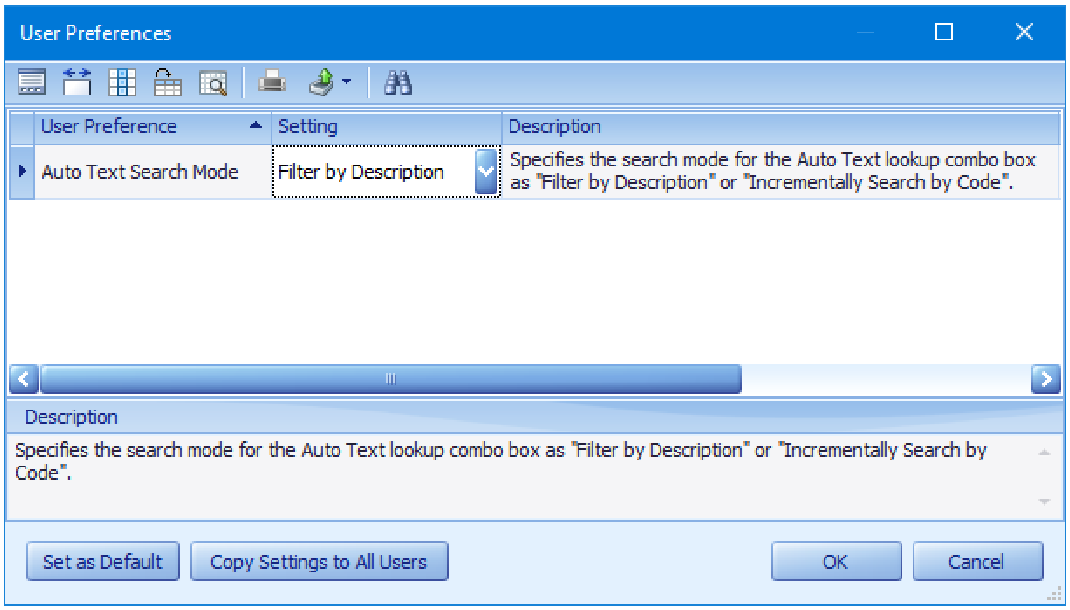
3. **New Feature:** Added the User Preferences dialog for setting the user specific preferences in WRR. To get to the User Preferences, click on the Options menu then click on “User Preferences”.



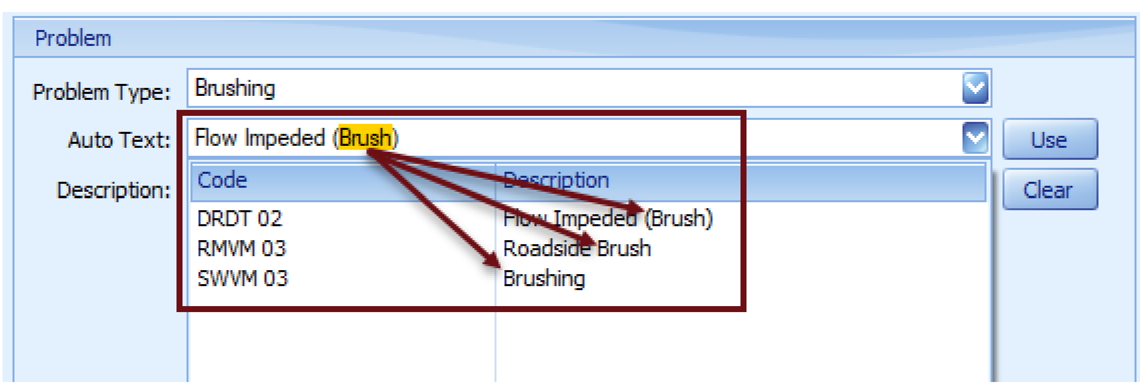
4. **Cosmetic:** Various cosmetic enhancements.

5. **New Feature:** Added a new user preference “Auto Text Search Mode” for specifying the search mode for the Auto Text lookup combo boxes as:
    a. “**Filter by Description**” – to filter the list by the Description in the drop-down list as the user types in the combo box. This is very handy for users who do not know the Auto Text Codes. It filters by “contains” meaning that the users do not need to know what the description starts with. E.g. type: ditch to filter by anything with the word “ditch” in the text.
    b. “**Incrementally Search by Code**” – searches the Code in the drop-down list as the user types.

    The buttons “Set as Default” and “Copy Settings to All Users” shown below are only visible when the User Security Setting “User Can Set Default Preferences” is set to Yes in WRR Control Panel.

    In WRR, with the Auto Text Search Mode User Preference set to “Filter by Description”, the Auto Text drop-down list is automatically filtered as the user types.
    E.g. as shown below, simply typing the word brush, the list is filtered to only the items that contain the word: brush.

6. **Enhancement:** Improved error checking and logging.

7. **Issue:** Object Reference and Primary Key errors would occur occasionally.
   Status: These issues have been resolved.

3.0 build 2

1. **Cosmetic:** Various cosmetic enhancements.

3.0 build 1

1. **New Feature:** Added the feature to send email notifications to all users in the same work group. The user security setting "Email to All Users in the same Work Group" must set to Yes to enable this feature.

   If set to Yes, WRR will send email notifications to all users in the same work group when one of the following events is triggered:

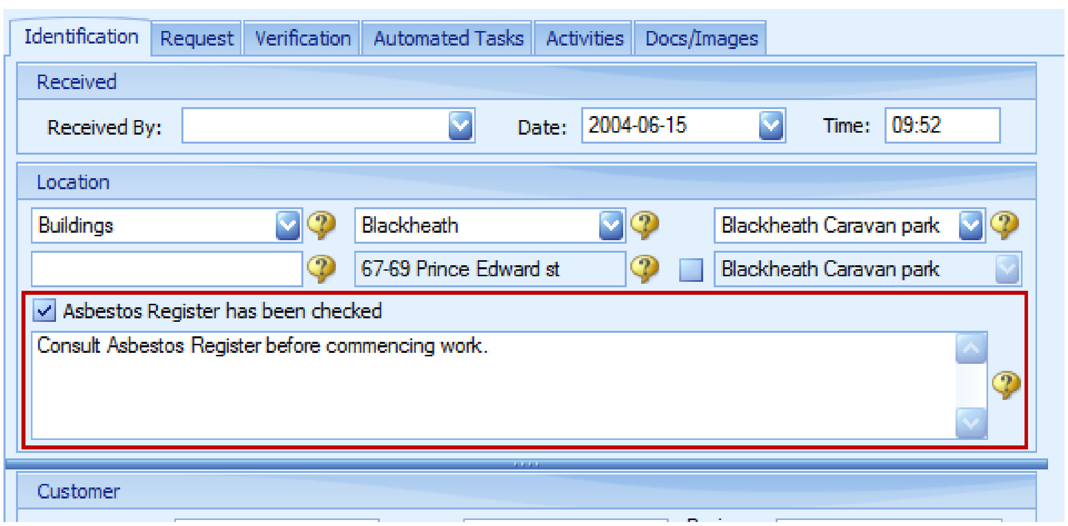
   Email User When WR Is Assigned To User
   Email User When WR Is Cancelled
   Email User When WR Is Completed
   Email User When WR Is Modified
   Email User When WR Is Near Due
   Email User When WR Is Received

   Note: The setting "Enable Email Notification" must be turned on and a valid email address must be set in the User List for each of the applicable users.

3.0 build 0

1. **Major Upgrade:** All the third-party controls (such as the grids, edit controls, buttons, etc.) in all screens have been upgraded to the latest version.

2. **New Feature:** Added the controls "Asbestos Register has been checked" check box and "Location Note" memo box to the Location group. The "Asbestos Register has been checked" check box is only visible for the agency "BMCC".



2.1 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. **New Feature:** Added the Duplicate Request button to the bottom of the screen for creating a new copy of the current request. This is useful when a new request needs to be created that is very similar to an existing request.

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

2.0 build 4

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

2.0 build 3

1. **Upgrade:** All the third-party controls (such as the grids, edit controls, buttons, etc.) in all screens have been upgraded to the latest version.

2. **Enhancement:** Improved the implementation of the splitter control on the Verification Tab.

3. **Enhancement:** Made some cosmetic changes.

2.0 build 2

1. **Issue:** Some of the logic with the email settings and the Automated Tasks is not correct.
   Status: This issue has been resolved.

2. **Issue:** WRR fails to run on a network drive in some environments.
   Status: This issue has been resolved.

2.0 build 1

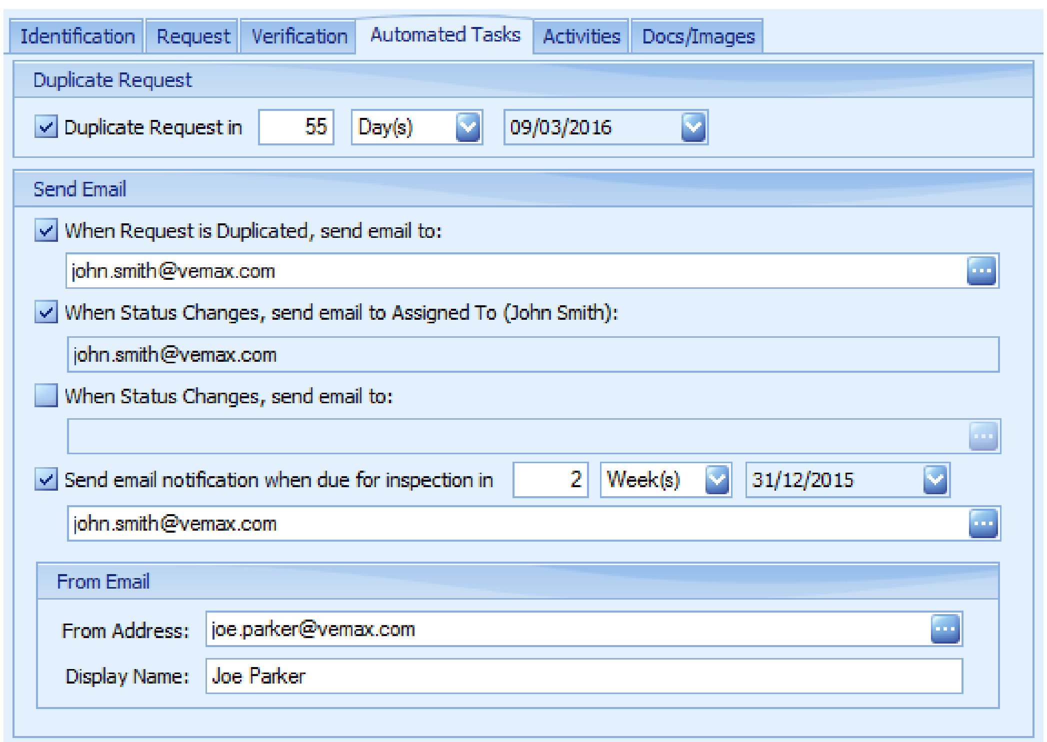
1. **Issue:** In some situations, WRR fails to send emails when secured SMTP connection is required. **Status:** This issue has been resolved.

2.0 build 0

1. **Major Upgrade:** All the third-party controls (such as the grids, edit controls, buttons, etc.) in all screens have been upgraded to the latest version. Thus, the controls are more responsive and have improved usability.

2. **Major 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 forms and specifies how a control's headers, scrollbars, borders, buttons and other visual elements are painted. Each user can choose a theme that suites his or her personal preference and the application will remember that theme and apply it each time the user logs in.

3. **Major New Feature:** Added the "Automated Tasks" tab for configuring the automated tasks such as duplicating the request on a specific date, sending an email notification when status changes, sending an email notification when due for inspection, etc. After the Automated Tasks are configured, the System Administrator can set up the Windows Task Scheduler to run the application "RunWRRAutomatedTasks.exe" on a nightly schedule. The application "RunWRRAutomatedTasks.exe" is located in the WRR application folder and pass the parameter "DisplayName=Automated" when setting up the schedule. When WRR sends email notifications, it logs the email status to the table "tblEmailLog".



The following security settings are being used for the Automated Tasks:

Agency Settings:

Enable Email Notification	If set to Yes, WRR will send email notifications based on the settings defined on the Automated Tasks tab and the user specific "Email User" settings defined in the Control Panel's Security & Settings screen. If set to No, WRR will not send any email notifications to anyone. Note: In the Control Panel, the user specific email addresses must be provided in the User List screen and the Email Profile must be configured in the "File\Email Profile" dialog.
Duplicate Request Interval	The default interval number for setting the duplicate request date.
Duplicate Request Unit	The default unit for setting the duplicate request date.
Email Notification Interval	The default interval number for setting the email notification date.
Email Notification Unit	The default unit for setting the email notification date.

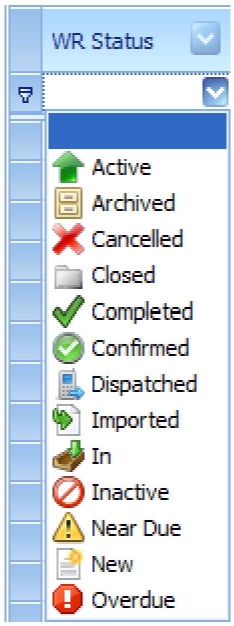
User Settings:

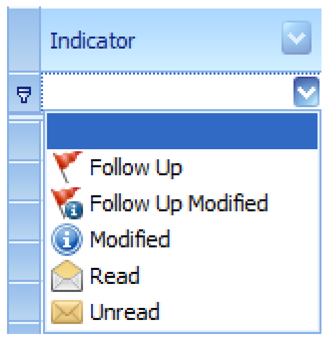
Email User When WR Is Assigned To User	If set to Yes, WRR will send email notifications to the "Assigned To" user when the work request is assigned to user.
Email User When WR Is Cancelled	If set to Yes, WRR will send email notifications to the "Assigned To" user when the work request is cancelled.
Email User When WR Is Completed	If set to Yes, WRR will send email notifications to the "Assigned To" user when the work request is completed.
Email User When WR Is Modified	This setting specifies whether WRR will send email notifications to the "Assigned To" user when the work request is modified: - Yes: send email notifications - No: do not send email notifications - Confirm: ask the user to confirm on sending email notifications
Email User When WR Is Near Due	If set to Yes, WRR will send email notifications to the "Assigned To" user when the work request is near due.
Email User When WR Is Received	If set to Yes, WRR will send email notifications to the "Received By" user when the work request is received by the user.
Include Attachments for Near Due Email	Indicates whether to include the attachments for the near due email notification.

4. **New Feature:** Added a new column "Inspection Cond Rating" to the Activities grid for selecting inspection condition rating value.

5. **Enhancement:** Improved performance of loading WRR.

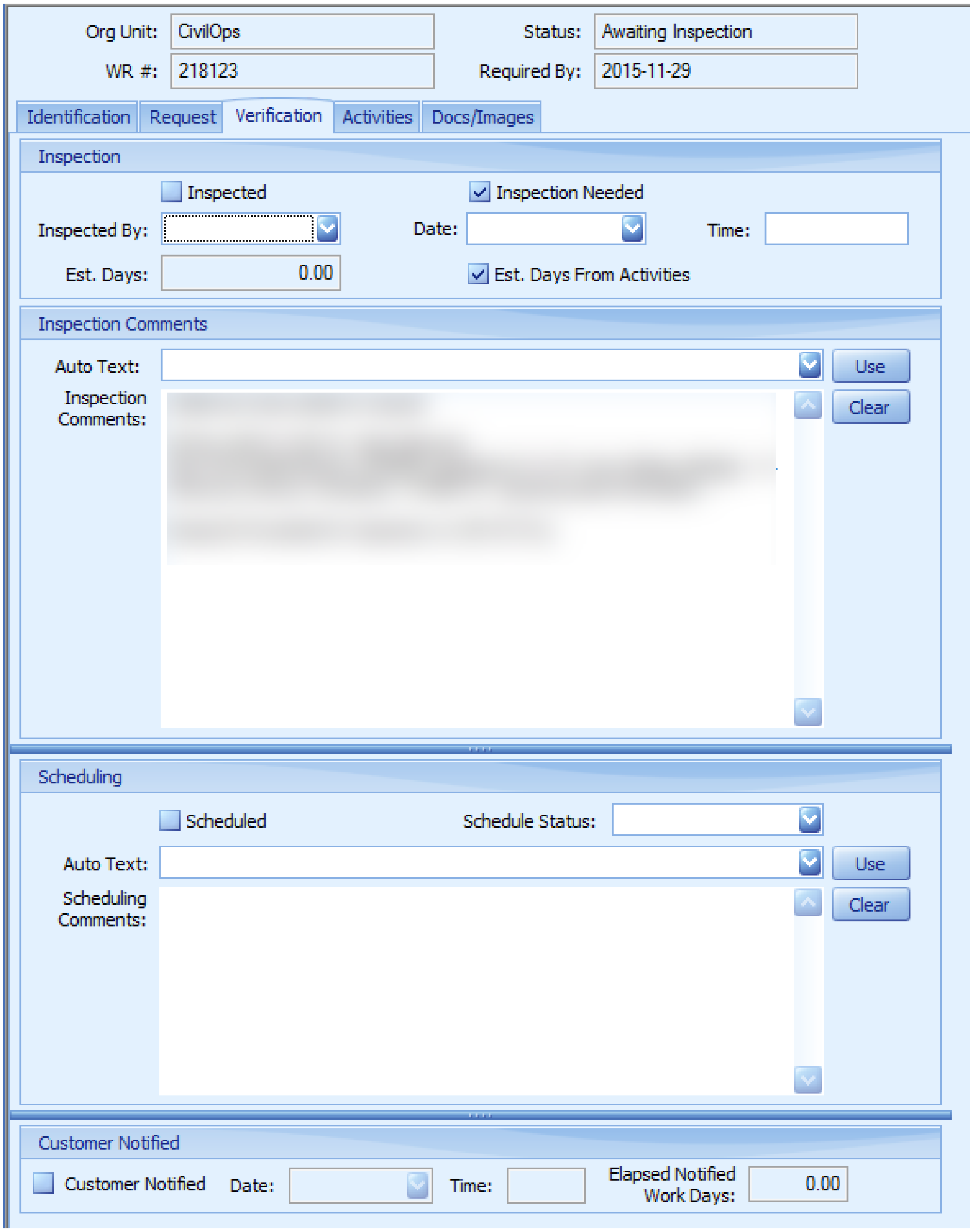
6. **Enhancement:** Updated the WR Status and Indicator columns in the Navigator grid to use more modern and visually appealing icons.





7. **Enhancement:** Replaced the application icon to a more modern and visually appealing one.

8. **Enhancement:** Redesigned the forms so the Comments (memo controls) are resizable as shown below.



9. **Enhancement:** Fixed various bugs in the WRR application.

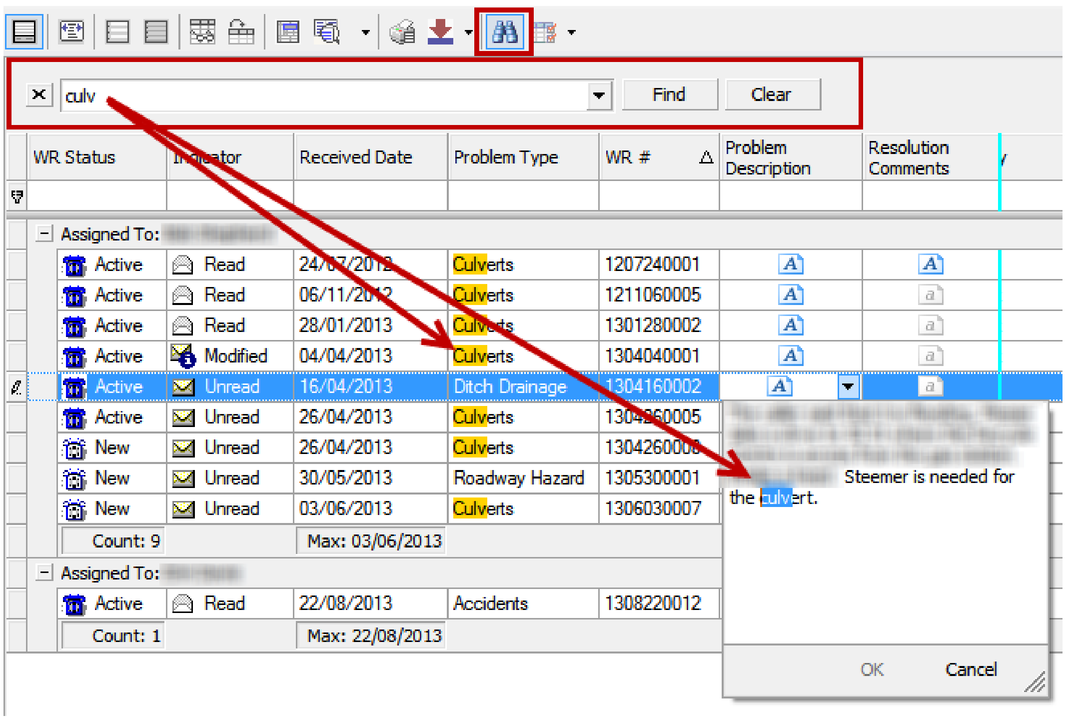
1.14 build 1

1. **Issue:** New users cannot login to WRR even if they are given the proper security access.
   Status: This issue has been resolved.

1.14 build 0

1. **Upgrade:** The third-party controls (such as the grids, edit controls, etc.) have been upgraded to the latest version. Thus, the controls are more responsive and have improved usability.

2. **Major 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 <u>any</u> of the columns in the grid. This is an extremely fast way to find something without knowing what column the data is in.



3. **Enhancement:** Added new setting "Completed Date / Received Date Validation". If set to Yes, Completed Date cannot be less than Received Date.

1.13 build 0

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

2. **Issue:** The Location pick list for the Detailed Asset doesn't filter out inactive records.
   Status: This issue has been resolved.

1.12 build 0

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

2. **Enhancement:** Improvements have been made to the Synchronization as well as the Import/Export features.

3. **Enhancement:** The Response Date field in the Activity grid can now be cleared if needed.

1.11 build 2

1. **Issue:** WRR should not allow a user to save a record when an invalid Location Scheme is selected. The Location Scheme is invalid when it is not properly configured in the WRR Control Panel – Location Scheme Designer.
   Status: This issue is resolved.

2. **Enhancement:** If the check box "Suppress Email Notification" is checked in the Location Scheme Designer screen in WRR Control Panel, WRR will suppress Email notifications for all Work Request that use that location scheme.

1.11 build 1

1. **Issue:** The "Import DWR Data" process cannot find the matching activity in the WRR database.
   Status: This issue is resolved.

1.11 build 0

1. **Upgrade:** The WRR application has been upgraded to support .NET Framework version 4.0. This version of the .NET Framework needs to be installed before the WRR application can be run.

2. **New Feature:** Added new setting "Enable Email Notification". If set to Yes, WRR will send email notifications to the Assigned To person when work requests are modified or when work requests are completed.
   If set to No, WRR will not send any email notifications to anyone.

   Note: The user specific email settings must also be turned on and the SQL Server Database Mail must be configured as per VEMAX instructions.

1.10 build 1

1. **Modification:** Changed the calendar control on the Recorder Mode screen from the Infragistics vendor to DevExpress for better maintainability.

2. **Issue:** The Search Fields list box on the tool bar is not populated with all the fields from the navigator and the search button stops working.
   Status: This issue is resolved.

1.10 build 0

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

1.9 build 16

1. **Issue:** The error "*Failed to convert parameter value from a Int64 to a Int32.*" occurs when trying to save or view the new record.
   Status: This issue is resolved.

1.9 build 15

1. **New Feature:** Added a new setting “Remember Last Org Unit entered”. If set to Yes then, when a new record is entered, the Org Unit will be defaulted to the last one the user entered. If set to No then the Org Unit is left blank when a new record is entered and the user must select the Org Unit before saving the record.

2. **Enhancement:** In the Recorder mode, if the user un-checks the Dispatch box, a message is displayed saying: "You have unchecked the Dispatch box which will hide the Dispatch tab and clear the Service Date. Are you sure you want to do this?". If the user presses No then check box will be reverted back to being checked and the Service Date will not be cleared.

3. **Enhancement:** The last Received By value that is entered by the user is now being saved so that the next time that user runs WRR and enters a record it will remember that value and apply it as the default.

1.9 build 14

1. **Issue:** The Charge Code pick list does not show any items under certain situations.
   Status: This issue is resolved.

1.9 build 13

1. **New Feature:** Added Patch Data menu item to the Tools menu in WRR that opens the Patch Data dialog. The Patch Data dialog allows the user to apply the patch data file provided by Vemax for patching the data.

1.9 build 12

1. **Issue:** The Elapsed Completed Work Days, Elapsed Notified Work Days, and Elapsed Contacted Work Days values are calculated using 24 hours day, should use the Daily Work Hours for the selected crew.
   Status: This issue is resolved.

1.9 build 11

1. **New Feature:** Added three popup menu items (Not Fixed, Fixed Left, and Fixed Right) to the Navigator and Activities grids allowing the user to specify whether the column takes part in horizontal scrolling or is anchored to the grid’s edge.

2. **Issue:** The “File Last Modified” column on the Docs/Images grid does not display the correct values on new Docs/Images rows.
   Status: This issue is resolved.

3. **Modification:** Changed the “Export to WT” button on the report preview of the report “WRR05 - Work Sheet Report” to export the ResourceGroup_ID, AssetGroup_ID, ChargeCode_ID, and Ledger_ID values.

4. **Modification:** Changed the “Elapsed Contact Work Days” calculation to be based on Received Time and Contacted Time when contacted on the same day.

1.9 build 10

1. **New Feature:** Added two new WRR Modes to the WRR application:
   Recorder Plus Mode: Editable Recorder screen and read only User screen.
   Viewer Mode: Read only in both Recorder and User screens.

2. **New Feature:** Added the “Comments” memo edit box to the Activities grid.

3. **New Feature:** Added the “Elapsed Notified Work Days” field to the Verification tab. It’s calculated as the Work Calendar Days between the Received Date and the Notified Date.

4. **New Feature:** Added the “Customer Contact Required”, “Contacted Date”, “Contacted Time”, and “Elapsed Contact Work Days” fields to the Request tab. The “Elapsed Contact Work Days” is calculated as the Work Calendar Days between the Received Date and the Contacted Date.

5. **Modification:** Changed the “Est. Days From Activities” check box to default as unchecked for new work request record and set as checked when the “Est. Days” value is zero and the first activity is added to the grid.

6. **Modification:** Added the “Completed Time” edit box to the Request tab and use the Completed Time value to calculate the Actual Response Days if the Completed Date and Received Date values are the same.

7. **Modification:** Changed the setting code “2114 – Report for Print Button” from Agency setting to User setting.

1.9 build 9

1. **Modification:** Changed the validation on the Asset Group field to be based on both the setting value “Editor Behaviour – Asset Group: Required” and a matching Org Unit record in the WRR CP - Org Unit Translation screen.

2. **Issue:** The “Import Inspections Data” feature does not populate the Location Description 3 field value.
   Status: This issue is resolved.

1.9 build 8

1. **Modification:** Changed the “Import DWR Data” process to mark the activity as completed if there is a work done record marked as completed.

1.9 build 7

1. **New Feature:** Added the “Issue Type” lookup edit control to the Issue group box on the User Mode Identification tab and on the Recorder Mode Details tab. The “Issue Type” value is required if the setting “Editor Behaviour – Issue Type” is set as “Required”.

2. **New Feature:** Added the “Customer Notified” date and time edit controls to the Action group box on the Recorder Mode Resolution tab.

3. **Modification:** Changed the “Scheduling Comments” memo control to display as “Resolution Comments” if the setting “Show Resolution Comments on Verification Tab” is set as “Yes”.

1.9 build 6

1. **Enhancement:** WRR now supports Windows Server 2008.

1.9 build 5

1. **Modification:** Changed the "Export to WT" button on the report preview of the report "WRR05 - Work Sheet Report" to export the Crew Name from the activity level.

1.9 build 4

1. **Issue:** The pick lists for the Location are not loaded properly.
   Status: This issue is resolved.

2. **New Feature:** Added new setting "Show Charge Code on Verification Tab" for allowing the agency to show or hide the Charge Code on the Verification tab.

1.9 build 3

1. **Issue:** The Received By combo box is empty when the selected row on the Navigator is a group row and the New button is pressed.
   Status: This issue is resolved.

2. **Modification:** Modified Work Sheet Report wrr05c.

1.9 build 2

1. **New Report:** A new Work Sheet Report has been created (wrr05c) for Surf Coast and Corangamite. This report has the WIN number hidden and the Funding Source added.

1.9 build 1

1. **Issue:** The Charge Code value on the Activities grid is not updated when the Charge Code value on the Verification tab is changed and there is only one activity record.
   Status: This issue is resolved.

1.9 build 0

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

2. **Modification:** Changed the Location Scheme control to set the Strategy/Asset Grp value to be the same as the value assigned in the WRR CP/Location Scheme Editor.

3. **Modification:** Changed the LWAG and Asset ID lookup lists to be filtered by the selected Org Unit and Strategy/Asset Grp values when all of the following settings are true:
   WRR Interacts With = MMS
   Editor Behavior – Asset Group = Required

4. **Enhancement:** Added the Administrative Request check box to the Identification tab. This check box is visible when the setting "Show Administrative Check Box" equals to Yes. When this check box is checked, the Location for the request is not required.

1.8 build 3

1. **Issue:** On start up of WRR, the Activities grid layout is not loaded properly when the Activities tab is not the selected tab.
   Status: This issue is resolved.

2. **Enhancement:** Added "InspectionComments" and "SchedulingComments" fields to the "Export to WT" feature.

1.8 build 2

1. **New Feature:** Added “Export to WT” button to the report preview of the report “WRR05 - Work Sheet Report” for exporting WRR data to Work Tracker database. This button is only visible when the Work Tracker database exists.

2. **New Feature:** Added new setting, Editor Behavior - Asset Group: Specifies the editor behavior for the Asset Group field. This setting applies to User mode only.

3. **Modification:** Changed the setting name “Replace Strategy/Asset Grp with SLA” to “Show SLA Lookup Combo Box”.

4. **Modification:** Changed to show the “Asset Group” lookup combo box when the “WRR Interacts With” setting value is not equal to “None”.

5. **Modification:** Changed the “Source Type” barcode to “Asset Group” barcode and added “Resource Group” barcode for the report “WRR05 - Work Sheet Report”.

1.8 build 1

1. **Issue:** The Response Time column value in the Activities grid is not populated when the Response Type of “Routine” is selected.
   Status: This issue is resolved.

2. **Issue:** The "Background/Purpose/Scope of Audit" in the “Compliance Audit” Report (wrr08.rpt) is not showing all of the information.
   Status: This issue is resolved.

1.8 build 0

1. **Upgrade:** WRR has been upgraded to support version 2 of the Microsoft .NET Framework. The iBOSToolsPrerequisites_2_0.exe install is needed for this version of WRR.

2. **Upgrade:** The third-party controls (such as the grids, edit controls, etc) have been upgraded to the latest version.

3. **Issue:** By setting the Completed Date on the Request tab does not apply the same value to the activity grid.
   Status: This issue is resolved.

4. **New Feature:** Added “Cancel Work Request” and “Reactivate Work Request” menu items to the navigator grid in Recorder mode.

5. **New Feature:** Added “Cancelled By Recorder” dropdown item to the Show dropdown list in Recorder mode.

6. **New Feature:** Added the ability to automatically reactivate the inactive work requests when the WRR application is first loaded. The date of the last time the reactivation process is done is stored to improve performance. WRR does the reactivation process only once a day. The user can also press the F5 key to reactivate any inactive work requests immediately.

7. **Modification:** Grid Layout and Form Layout settings are now stored by the WRR User ID instead of Computer/Windows User ID combination. i.e. the settings are only specific to the WRR user, not the computer that the user is running the software from.

8. **Issue:** The Charge Code column in the Activities grid shows ID value instead of the code value when the grid is read only.
   Status: This issue is resolved.

9. **New Feature:** Import Inspections Data feature on "File\Import Inspections Data" menu. This menu is only visible when the setting: "User Can Import Inspections Data" is set to Yes and the Inspections database exists.

1.7 build 5

1. **Issue:** Report wrr09 (Trades Contractor Job Details) has a spelling error in the label Contractor's Signature and the Scheduling comments are not being displayed.
   Status: This issue is resolved.

2. **New Report:** Added report wrr10 (WRR Trades Crew Job Details). This report was requested by BMCC. The report is based on wrr01BMCC.

1.7 build 4

1. **Issue:** Report wrr01BMCC (WRR Work Details) was supposed to have WIN number removed from the WRR section. It is still appearing on the report.
   Status: This issue is resolved.

2. **New Feature:** Added "Date Entered Range" to the report WRR08 (Compliance Audit Report) selection dialog. The "Completed Date Range" is now only enabled when the WR Status value is "Completed".

3. **Enhancement:** Added better support for Microsoft SQL Server 2005.

4. **Enhancement:** Added better support for accessing the WRR database with a non-standard name i.e. a database that is not called: vmxWRR.

5. **New Report:** Added report wrr09 (Trades Contractor Job Details). This report was requested by BMCC. The report is based on wrr01BMCC.

1.7 build 3

1. **New Feature:** Added five new settings:

   a. Show WIN # in Activities Grid - Indicates to show the WIN # column in the Activities grid. This setting applies to User mode only.

   b. Show Charge Code in Activities Grid - - Indicates to show the Charge Code column in the Activities grid. This setting applies to User mode only.

   c. Show Contract Unit Price in Activities Grid - Indicates to show the Contract Unit Price column in the Activities grid. This setting applies to User mode only.

   d. Show Est Contract Price in Activities Grid - Indicates to show the Est Contract Price column in the Activities grid. This setting applies to User mode only.

   e. User Can Edit Scheduling Comments - Specifies if this user can edit the Scheduling Comments. This setting does not apply to Recorder Mode.

2. **New Feature:** Added one new column Charge Code to the Activities grid. By default, these columns are shown for BMCC agency and hidden for other agencies. When the LWAG Code is selected in the Activities grid, the Charge Code and WIN # are auto filled in as default from the LWAG. This new feature applies to User Mode only.

3. **Modification:** Report wrr05 (Work Sheet Report): Charge Code is now displayed per activity instead of per work request. Completed activities are now shown depending on if the checkbox Show Completed is checked on the report selection screen. The word Completed is shown for any activity that is completed to show the status of the activity on the report.

4. **Modification:** Report wrr01BMCC (WRR Work Details Report): Removed the WIN number from the work request section. WIN number and Charge Code have been added to the activities section per activity.

1.7 build 2

1. **Issue:** The error "*An error occurred when loading the print manager. [System.Data: UpdateReportSelection(): PrintReport()] There is already an open DataReader associated with this Connection which must be closed first.*" occurs when the user presses the Print button.
Status: This issue is resolved.

2. **Issue:** The error "*Cannot save the current record. Please contact your system administrator. [.Net SqlClient Data Provider: UpdateDataSet(tblWrkReq): SaveRecord()] Violation of UNIQUE KEY constraint 'IX_tblWrkReq_WRNumber1'. Cannot insert duplicate key in object 'tblWrkReq'. The statement has been terminated*." occurs when the user presses the Apply button.
Status: This issue is resolved.

3. **Issue:** The error "*Cannot save the current record. Please contact your system administrator. [.Net SqlClient Data Provider: RecordExists(): SaveRecord()] Timeout expired. The timeout period elapsed prior to completion of the operation or the server is not responding.*" occurs when the user presses the Apply button.
Status: This issue is resolved.

4. **Issue:** The error "*An error occurred when trying to get the lock information for the current record. Please contact your system administrator. [System.Windows.Forms: LockCurrentRecord()] No value at index -1.*" occurs when the user edits the current record or enters a new record.
Status: This issue is resolved

5. **Issue:** The error "*An error occurred while trying to locate the record. Please contact your system administrator. [Vemax.WRR_5: PopulateDocumentsGrid(): SyncRecord(): SyncSubFormRecord()] Object reference not set to an instance of an object.*" occurs when the user selects a record from the Navigator.
Status: This issue is resolved

6. **Issue:** The WR Number is being regenerated when the user edits and saves the existing record without viewing the Request tab. This issue only occurs in User Mode and Recorder Mode.
Status: This issue is resolved

7. **Modification:** Changed to show a message when the user tries to select the process status of Cancelled, Closed, or Archived that is not valid for the current record.

8. **Modification:** Changed the Import DWR Data feature to first search for the existing non-completed activity record with the closest Required By Date to the Work Date. If record is not found, then search for the existing completed activity record with the closest Completed Date to the Work Date. This was done because there are cases where the Activities grid is used for recurring work so there may be several records that are identical with a possible except of the Completed Date. The Import DWR Data feature needed to know exactly which record to update.

1.7 build 1

1. **New Feature:** Added seven new settings:

   Description for new setting type Editor Behaviour:
   Required - The field value is required.
   Not Required - The field value is not required.
   Disabled - The editor is disabled.

   a. **Editor Behaviour – Dispatch**: Specifies the editor behaviour for the Dispatch field. This setting applies to User mode only.

   b. **Editor Behaviour – Accepted**: Specifies the editor behaviour for the Accepted field. This setting applies to User mode only.

   c. **Editor Behaviour - Closed**: Specifies the editor behaviour for the Closed field. This setting applies to User mode only.

   d. **Editor Behaviour - First Name**: Specifies the editor behaviour for the First Name field. This setting applies to both Recorder and User modes.

   e. **Replace Strategy/Asset Grp with SLA**: Specifies if the lookup combo box Strategy/Asset Grp is replaced with SLA. This setting applies to User mode only.

   f. **User Can Edit Contract Unit Price**: Specifies if this user can edit the Contract Unit Price in the Activities grid. This setting applies to User mode only.

   g. **LWAG Code Picklist Search by Description**: Specifies the LWAG Code picklist to search by Description. This setting applies to User mode only.

2. **New Feature:** Added four new columns WIN, Avg Unit Cost, Contract Unit Price, and Contract Price to the Activities grid. By default, these columns are shown for BMCC agency and hidden for other agencies. This new feature applies to User Mode only.

3. **New Feature:** WRR now saves the navigator splitter position for each user.

4. **Modification:** Removed existing Activities grid layout setting from the database because it's not compatible with this version of WRR.

5. **Modification:** Report wrr05 (Work Sheet Report): WIN Number is now displayed per activity instead of per work request. Labels were added to the activity bar codes (Asset, LWAG, Qty, and WIN). A grey line has been added to separate each activity. The activity LWAG Description has been moved to beside the LWAG code. The activity Qty and WIN barcodes have been shifted to

the left and made larger to ensure they are not cut off (the activity Asset Code, Asset Description, LWAG Code, and LWAG Description have been shrunk to allow more space). The Charge Code for the work request is now displayed below the Charge Code barcode.

6. **Modification:** Added confirmation messages for the following Navigator menu items:
    a. Mark all records as Read
    b. Flag all records for Follow Up
    c. Reactivate Work Request
    d. Recalculate Work Request
    e. Recalculate All Work Requests

7. **Modification:** Changed to process only the records on the Navigator for the Navigator menu items “Mark all records as Read” and “Flag all records for Follow Up”.

8. **Modification:** Changed to enable the Navigator menu item “Archive Work Request” if the selected record is a completed work request and the setting “Editor Behaviour – Closed” is set to Disabled

9. **Issue:** The “Completed Time” column in the Activities grid is not populated with the current time when the “Completed” process status is selected.
   Status: This issue is resolved.

10. **Issue:** WRR saves the correct values for the Activities grid columns Process Status and Schedule Status when the user selects the Completed process status on the Request tab, and presses the Yes button to the message “Do you want to mark all activities as Completed?” However, the Activities grid does not show the new values for the Process Status and Schedule Status columns.
    Status: This issue is resolved.

11. **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.

1.7 build 0

1. **Upgrade:** DevExpress controls have been upgraded to the latest version.

2. **Issue:** There is a issue with all the edit controls set to read only when the current record is locked by other user and all other records are also set to read only. It should only set the current record as read only.
   Status: This issue is resolved.

1.6 build 11

1. **Issue:** The error “Invalid column name Act: Indicator Type” occurs when the user is using the Search feature and presses F5 key to refresh the screen.
   Status: This issue is resolved.

2. **Performance Enhancement:** Improved the performance on loading the WRR navigator grid.

3. **New Feature:** Added Current Users feature on the “Tools\Current Users” menu to show the users currently using WRR.

1.6 build 10

1. **Modification:** Changed the run report dialog to default “Exclude Completed Work” as checked for both WRR01BMCC and WRR01aBMCC reports.

2. **Performance Enhancement:** Improved the performance on loading the WRR screen.

3. **Issue:** Report WRR08 (Compliance Audit Report), if you attempt to filter the report by Location Scheme Name it does not filter correctly. All locations will be used, not just locations for the selected scheme.
   Status: This issue is resolved.

4. **Modification:** Report WRR08 (Compliance Audit Report), the report is now sorted by Location Scheme Name, Location 1, Location 2, and Location 4 fields. The Location Scheme Name has also been added to the report.

5. **Issue:** Report WRR01BMCC returns all activities. It should only return not completed activities.
   Status: This issue is resolved.

6. **Issue:** For BMCC agency, the new settings Report for Print Button, Received By is Required, and Users Can Edit WR Number have incorrect values set.
   Status: This issue is resolved.

1.6 build 9

1. **Issue:** In Combined Mode, the Purchaser grid data is being replaced with the data from the Activity grid when the work request record is saved. This is an incorrect behaviour.
   Status: This issue is resolved

2. **Issue:** In Combined Mode, by editing the “Est Qty” column in the Purchaser grid also causing the same value being replicated to the “Est Qty” column in the Activity grid. This is an incorrect behaviour.
   Status: This issue is resolved

3. **Issue:** For COS agency, WRR displays the location scheme cache data warning message all the time when it failed to update the cache data and there is an orphan lock record in the lock table. Should change the update process to delete the orphan lock record if the lock date time is older than 1 hour.
   Status: This issue is resolved

4. **New Feature:** Added three new settings:

   a. Report for Print Button - Specifies the report for the Print button on the WRR screen. This setting applies only to User, Purchaser, Provider, and Combined modes.
   b.
   c. Received By Is Required - Specifies if Received By is required before a WR can be saved. This setting applies to User mode only.
   d.
   e. Users Can Edit WR Number - Specifies if the users can edit the WR number. This setting applies to User mode only.

5. **New Report:** Added new report WRR01BMCC. This report is based on WRR01, except the crew size and days columns have been removed for the activities.

6. **Modification:** Report WRR08 (Compliance Audit Report) is now sorted by Location 1, 2, and 4 fields.

1.6 build 8

1. **Issue:** The report WRR01aBMCC causes error when the Filter By option is used in the report data selection dialog.
   Status: This issue is resolved

1.6 build 7

1. **Modification:** Modified the Purchaser, Provider and Combined Mode to print the report WRR01aBMCC when the Print button is press.

1.6 build 6

1. **Modification:** Modified report WRR05 (Barcode Worksheets). Added Crew Name to every page, not just the first page for that crew.

2. **New Report:** Added new report WRR01aBMCC. This report is based on WRR01a, except the crew size and days columns have been removed for the activities.

1.6 build 5

1. **Performance Enhancement:** Added a new agency setting “Update WR Status for All WRs”. The default setting value is “No”. If set to “Yes” it will update the WR Status for all work requests each time a work request record is saved. If set to “No” it will update the WR Status for all work requests only once a day. This will improve the performance for saving the current work request record. The user can also press the F5 key to update the WR Status for all work requests immediately.

2. **Modification:** Changed to always update the Near Due and Overdue WR Status for the current work request record when it is saved.

3. **Issue:** The error “[Vemax.RunReport: RunReport()] Invalid report file path.” occurs when the Reports Path in the “Vemax.GlobalInfo.dat” file is invalid. The path contains the wrong number of slashes for Windows Universal Naming Convention (UNC). An example of it is "\\\servername\sharename" should be "\\servername\sharename".
   The same error may also occur when the Crystal Reports Runtime is not installed properly. In this case, reinstalling the Crystal Reports Runtime will solve the issue.
   Status: This issue is resolved.

2. **Issue:** The error “[[.Net SqlClient Data Provider: LoadNavigatorDataSet(): RefreshNavigator(): btnSearch_ItemClick()] Transaction (Process ID 122) was deadlocked on lock resources with another process and has been chosen as the deadlock victim. Rerun the transaction.” occurs when the user does a search on work request records or refreshing the navigator.
   Status: This issue is resolved.

3. **Issue:** The “Import DWR Data” utility does not close the progress meter form when it finished the import.
   Status: This issue is resolved.

4. **Modification:** Changed “DwrWrrImport.dll” to make the “Import DWR Data” utility compatible with the new DWR table structures.

1.6 build 4

1. **Issue:** In Show Filters dialog, the Filter Name column is not working properly when the user edits the value.
   Status: This issue is resolved.

2. **New Feature:** Added new process statuses “Pending” and “Cancelled” to the Process Status pick list.

3. **Performance Enhancement:** Added “Navigator Column Selection” dialog to “Tools\ Navigator Column Selection” menu. This dialog allows the user to select the columns for the Navigator. It improves the performance on loading the Navigator when fewer columns are selected. It improves the performance on saving the record as well. All the required columns are not showing in the checklist. They are automatically included to the Navigator.

4. **Performance Enhancement:** Changed to store the date of the last time the “UpdateNearDueOverdue” function is called to improve performance. It calls the “UpdateNearDueOverdue” function only once a day to update the “WR Status” for near due and overdue work requests. The user can also press the F5 key to update and refresh the “WR Status” immediately.

1.6 build 3

1. **New Feature:** Added new WRR Mode called “Combined” for BMCC agency. It combines the Purchaser and Provider screens into one screen.

2. **New Feature:** Added two new settings for BMCC agency:

   User Can Edit Customer Notified Date
   User Can Edit Inspection Comments

   These settings only apply to Purchaser, Provider, and Combined WRR Modes:

1.6 build 2

1. **Upgrade:** DevExpress controls have been upgraded to the latest version.

1.6 build 1

1. **New Feature:** Added stored procedure “spvmxPathWayToWRRDocs” for BMCC agency.

2. **Modification:** Added the “Use Existing File” operation to the “Add Image/Document File” dialog for the data in the Docs/Images tab.

1.6 build 0

1. **Upgrade:** DevExpress controls have been upgraded to the latest version.

2. **Issue:** The Import DWR Data dialog is not show the DateTime value correctly in the Import Log grid.
   Status: This issue is resolved.

2. **Issue:** The error “[.Net SqlClient Data Provider: UpdateDataSet(tblWrkReqAct): SaveRecord()] Violation of PRIMARY KEY constraint "PK_tblWrkReqAct". Cannot insert duplicate key in object "tblWrkReqAct" occurs when the Activities grid is sorted and the user enters a new activity record, then presses the Apply button.
   Status: This issue is resolved.

3. **Issue:** When the user presses the New Record icon to create a record in the Activities grid, the new activity row is not showing up if the grid is grouped.
   Status: This issue is resolved.

4. **Issue:** The error “[System.Windows.Forms: CancelRecord()] No value at index -1.” occurs when the navigator is empty in Recorder Mode and the user cancels the new record.
   Status: This issue is resolved.

5. **Issue:** The Refresh Navigator icon keeps flashing non-stop when there is a work request record with Received Date greater than today’s date.
   Status: This issue is resolved.

6. **Modification:** Added a new agency setting “Recorder Mode includes Connection History”. The default value for agency COS is “Yes”, for others is “No”. This setting specifies if the Recorder mode shows or hides the Connection History button.

7. **Modification:** Changed the security for the “Import DWR Data” menu to make it available for all WRR Modes. The user security setting “User Can Import DWR Data” still applies.

v1.5 build 9

1. **Modification:** Moved the user-specific settings to tblComputerSettings and tblComputerGridSettings table in vmxSystem.

2. **Issue:** WRR is not filtering the Response Times by the “Active” column in the WRR Control Panel - Response Times screen.
   Status: This issue is resolved.

v1.5 build 8

1. **Modification:** There is a new agency setting called “WRR Interact With”, default value is “None”. When the setting value is set to “AMPS” or “MMS”, the menu item “Update Strategy/Asset Group List” will be enabled. It allows the user to populate the data for the “Strategy/Asset Group” dropdown list.

2. **Modification:** Changed the “Import DWR Data” feature to search for existing activity by “Activity Code/Asset ID/Crew Name” combination instead of “Activity Code/Asset ID”.

3. **Issue:** There is an issue with the Refresh (F5) feature, which causes the edit controls on the non-active tabs not refreshing the data properly. When the user presses the Apply button it shows a message saying the data is invalid.
   Status: This issue is resolved.

v1.5 build 7

1. **Modification:** There is a new agency setting called “Filter Issue Auto Text”, default value is “No”. When the setting value is set to “Yes”, the Issue Auto Text dropdown list will be filtered by the location scheme selection.

2. **Issue:** There is a issue with the spin edit control when the user uses the mouse wheel and it changes the spin edit control value. It should not be changing the value because the spin edit up/down buttons are hidden.
   Status: This issue is resolved.

v1.5 build 6

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

v1.5 build 5

1. **Issue:** Recalculate All Work Requests feature causes timeout error.
   Status: This issue is resolved.

2. **Issue:** Synchronize Data feature doesn’t recognize SQL server by IP address.
   Status: This issue is resolved. To help resolve this issue, a new setting was added to the Global Info file called “Synchronize Server Is Master” under the [WRR] section.

   [WRR]
   Synchronize Server Name=999.888.0.222,2199
   Synchronize Server Is Master=Yes

v1.5 build 4

1. **Issue:** Import DWR Data feature doesn’t work properly. It searches for existing work request record by matching WRNumber field value. It should be using WRNumberFormatted field value.
   Status: This issue is resolved.

v1.5 build 3

1. **Issue:** Import Work Requests screen is not refreshing properly when the Import File Name value is set.
   Status: This issue is resolved.

2. **Issue:** Error message “[.Net SqlClient Data Provider: LoadLocation(): SyncRecord():SyncSubFormRecord()] Incorrect syntax near the keyword ‘From’" occurs when the location scheme has not been set.
   Status: This issue is resolved.

3. **Issue:** On new record, the hints for customer information still showing previous record’s hints.
   Status: This issue is resolved.

4. **Issue:** Re-login doesn’t reload the navigator column filter settings properly.
   Status: This issue is resolved.

5. **Issue:** Recalculate All Work Requests seems like it’s not responding (freezes the screen).
   Status: It is working except it may take too long to process many work requests. Added a progress dialog to show the recalculation in progress.

6. **New Feature:** Changed the message dialog to automatically show the System Message when there is an error occurring in the application.

7. **New Feature:** Synchronize Data feature on "File\Synchronize Data" menu. This menu is only enabled when the setting: "User Can Synchronize Data" is set to Yes. The default for this setting is No for all agencies except "Surf Coast".

8. **New Feature:** Added feature to set process status to "Rejected" when canceling a work request on Purchaser or Provider mode.

9. **New Feature:** Added data validation to check if the memo field containing text that exceeded the limit of 2000 characters.

10. **New Feature:** Added feature to update data to Pathway database when Inspection or Scheduling comments are changed regardless of the Process Status. This feature is for agency "BMCC" only.

v1.5 build 2

1. **Issue:** Import DWR Data screen is not working properly.
   Status: This issue is resolved.

v1.5 build 1

1. **Issue:** The Activity Required By Date is not being set correctly.
   Status: This issue is resolved.

2. **Issue:** The Activity Response Date showing a validation message "Response Date cannot be set before Received Date" even the date is valid.
   Status: This issue is resolved.

v1.5 build 0

1. **Upgrade:** DevExpress controls have been upgraded to the latest version.

v1.4 build 61

1. **Issue:** In recorder connection history the second time you open connection history for the work request it does not display the connection cards (docs and images).
   Status: This issue is resolved.

v1.4 build 60

1. **Issue:** The Closed check box may not stay in sync with the Process Status value.
   Status: This issue is resolved.

2. **Issue:** The Contact Editor is read only when you're on a read only record and press the New button to start entering a new record.
   Status: This issue is resolved.