

B I Z N E T B R O A D C A S T 2 . 2 . 1

Release Notes

BizNet Broadcast
Build 2.2.1
5/5/2015

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Table of Contents

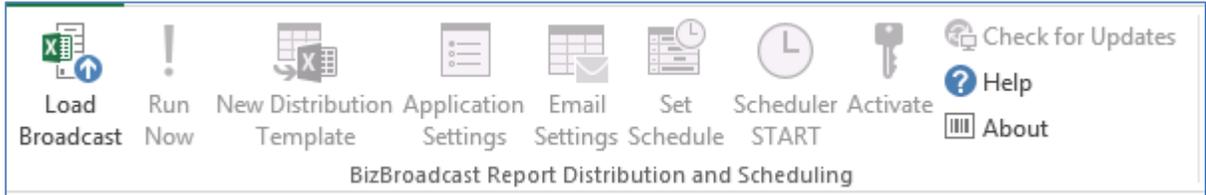
TABLE OF CONTENTS.....	3
1. BIZNET BROADCAST – FEATURES.....	4
1.1. MAJOR FEATURES.....	4
1.1.1. <i>On-Demand BizBroadcast Launch.....</i>	<i>4</i>
1.1.2. <i>New Licensing and Entitlement Process.....</i>	<i>4</i>
1.1.3. <i>Macro Workbook Support.....</i>	<i>5</i>
1.1.4. <i>Tabbed Parameters User Interface.....</i>	<i>12</i>
1.1.5. <i>Distribute Excel Custom Views.....</i>	<i>13</i>
1.1.6. <i>WIX Installer and Changes to the Installation and Admin Path.....</i>	<i>15</i>
1.2. MINOR FEATURES.....	15
1.2.1. <i>PDF Password Protect.....</i>	<i>15</i>
1.2.2. <i>Microsoft Outlook Global Address Support.....</i>	<i>16</i>
1.2.3. <i>New Render Format XML.....</i>	<i>16</i>
1.2.4. <i>New Help and Buy Now Ribbon Buttons.....</i>	<i>17</i>
2. BIZNET BROADCAST – ENHANCEMENTS.....	18
2.1.1. <i>Notification of Missed Scheduled Distribution Rows.....</i>	<i>18</i>
2.1.2. <i>Scheduler ‘Run Once’ Selection.....</i>	<i>18</i>
2.1.3. <i>Excel 2013 Support Improvements.....</i>	<i>18</i>
2.1.4. <i>Merge Files with Wildcard.....</i>	<i>18</i>
3. BIZNET BROADCAST – BUG FIXES.....	19
3.1.1. <i>Selection windows field type is normalized for easier view.....</i>	<i>19</i>
3.1.2. <i>The additional optional parameter refreshes properly.....</i>	<i>19</i>
3.1.3. <i>Excel distribution workbooks contain Chart Sheets.....</i>	<i>19</i>
3.1.4. <i>Merge files that contain chart objects issue.....</i>	<i>19</i>
3.1.5. <i>Scheduler time from 12AM to 12:59AM distributed incorrectly.....</i>	<i>19</i>
3.1.6. <i>Hide trial expiration information when Broadcast has been activated.....</i>	<i>19</i>
3.1.7. <i>PDF merge creates an extra sub-level bookmark header.....</i>	<i>19</i>
3.1.8. <i>Attachment for email address.....</i>	<i>19</i>
3.1.9. <i>Merge file feature fixes.....</i>	<i>19</i>
4. BIZNET BROADCAST – KNOWN ISSUES.....	20
5. APPENDIX.....	22

1. BizNet Broadcast – Features

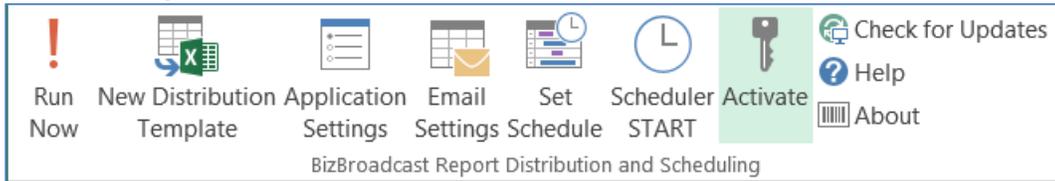
1.1. Major Features

1.1.1. On-Demand BizBroadcast Launch

Users are required to click the new “Load Broadcast” ribbon button in order to load Broadcast in Excel. When Broadcast loads successfully, the load button disappears and the grayed-out ribbon buttons become active.



1.1.2. New Licensing and Entitlement Process



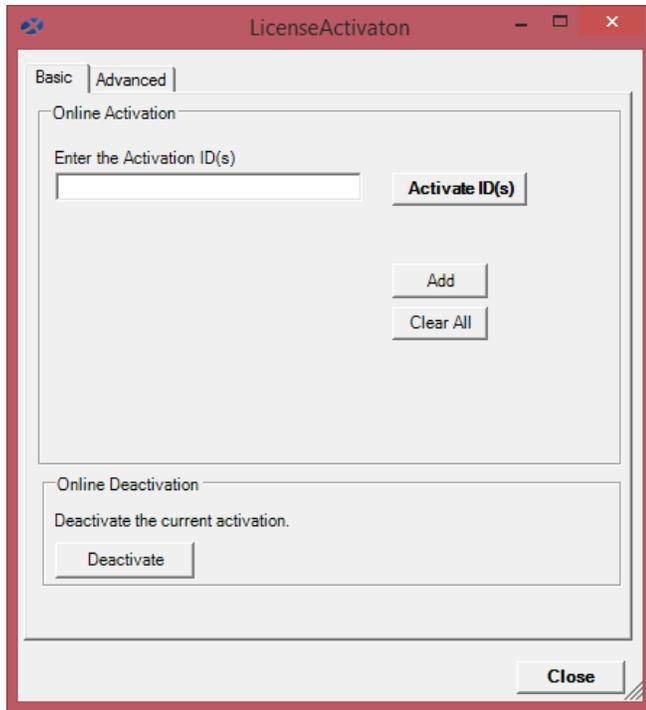
The new BizBroadcast license model changes from importing a license file to requiring an Activation ID to complete the product licensing cycle. Users are required to have an Activation ID to activate the product build 2.2 and later. Questions regarding activation and product licensing can be answered at: <http://www.biznetsoftware.com/>

How to Activate a Product

1. Click 'Activate License' ribbon button.

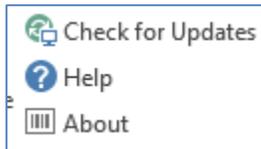


2. Enter the Activation ID in the available field.
3. Click 'Activate ID(s)' button.
4. A successful message appears and the product is fully activated.

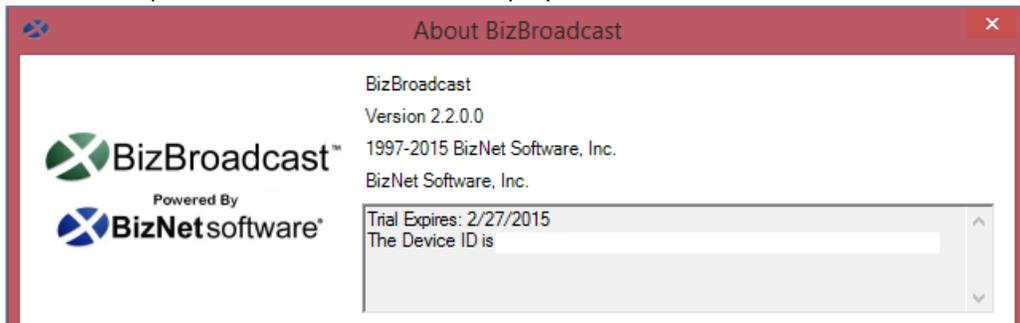


How to view your Device ID

1. Click the 'About' ribbon button.



2. In the description field, the Device ID is displayed.



1.1.3. Macro Workbook Support

Users often employ macros to automate frequently-used tasks in workbooks and distribute workbooks to other users. Broadcast supports macro-enabled workbook in following settings:

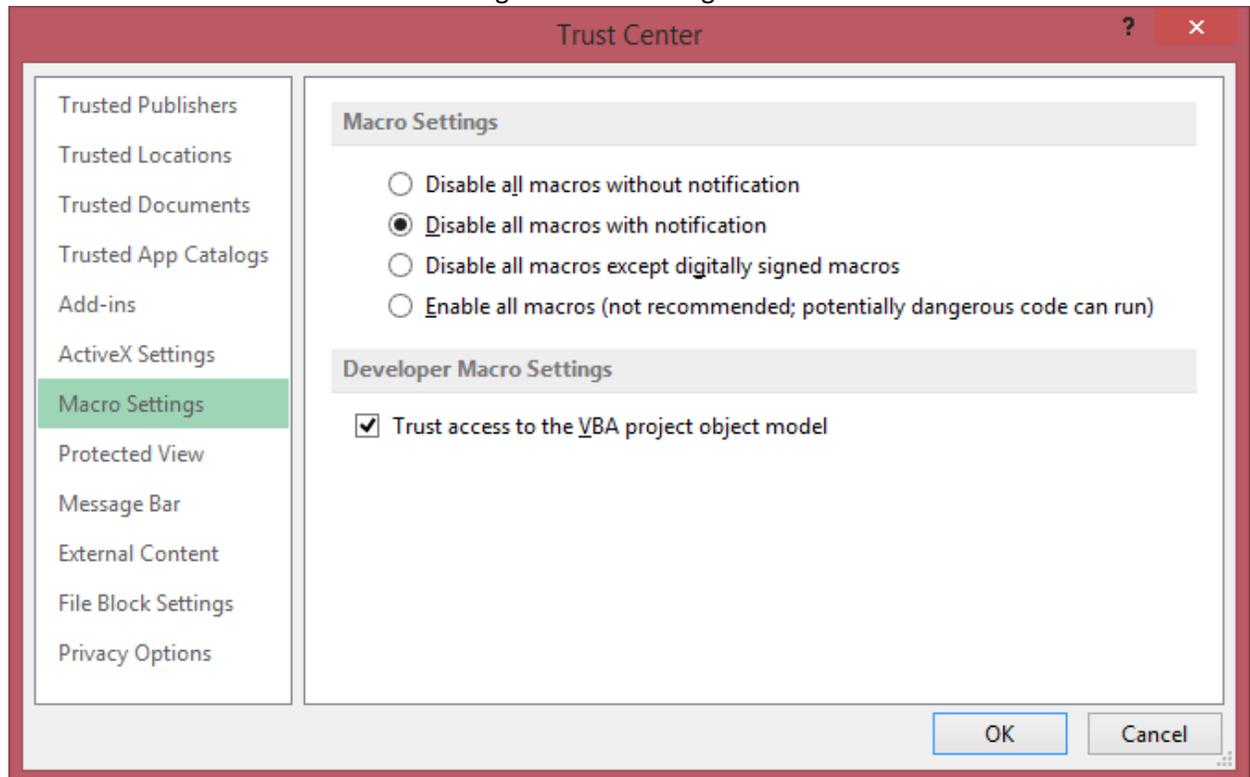
- 1.) Automatically execute macros and deliver macros-enabled workbooks.
- 2.) Prevent Excel prompting to delete sheets during distribution and when Broadcast Scheduler is activated.

- 3.) Distribute macro-enabled workbook (.xslm) that supports preserved formulas and Additional Optional parameters. RenderFormat XLSM with MergeFiles is not supported.

Requirements

1. The distribution template must be saved in a macro-enabled workbook. (.xlsm)
2. Broadcast request access in Microsoft Trust Center to execute macros and deliver macro-enabled workbooks. This is a security control to allow access for applications to automate and programmatically manipulate the Microsoft Visual Basic for Applications (VBA) environment and object model in an Excel workbook.

Excel – Trust Center > Trust Center Settings > Macro Settings



*Macro settings are located in the Trust Center. However, if you work in an organization, the system administrator might have changed the default settings to prevent anyone from changing settings.

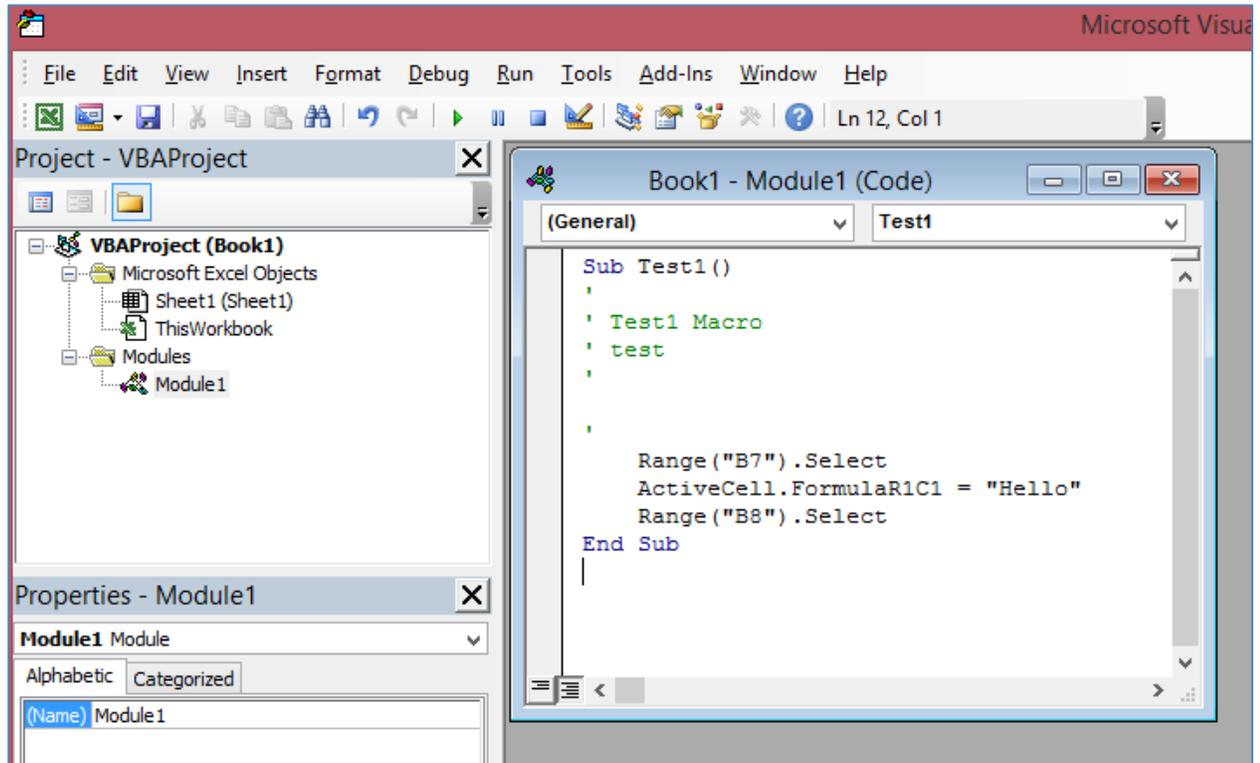
Review enabling macros from Microsoft Office:

<http://office.microsoft.com/en-us/help/enable-or-disable-macros-in-office-documents-HA010031071.aspx>

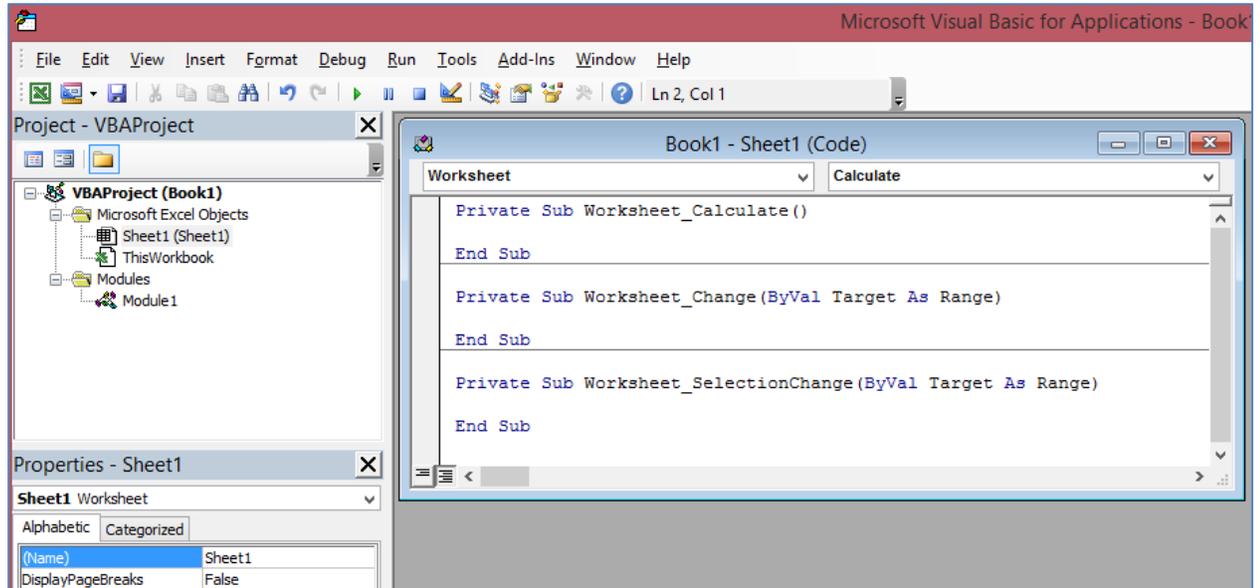
3. Macros are required to be saved in the workbook. Macros stored in a user's Excel personal.xlsb are not supported.
4. Macros contained in a workbook are required to be written in the module object instead of the worksheet object. The quickest way to view macros in a VBA project is to press, 'Alt+F11'. When trust access to the VBA project is selected, all recorded macros are defaulted into the module object; however, legacy or custom macros will require to be

recorded or rewritten into the module object if Broadcast is to be utilized. Please reference the [Known Issues](#) for further details.

Example of a macro in the module object

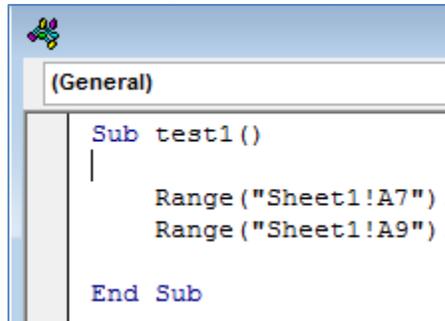


Example of a macro not located in the module object



5. Macros range commands must include Excel worksheet reference. A worksheet reference is a cell reference which includes a worksheet name. Depending on the structure of the macro, worksheets referenced may also need to be included in the distribution output file.

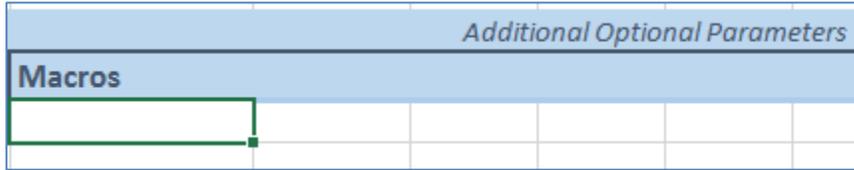
Example: Range(Sheet1!A7) is written using the full worksheet reference



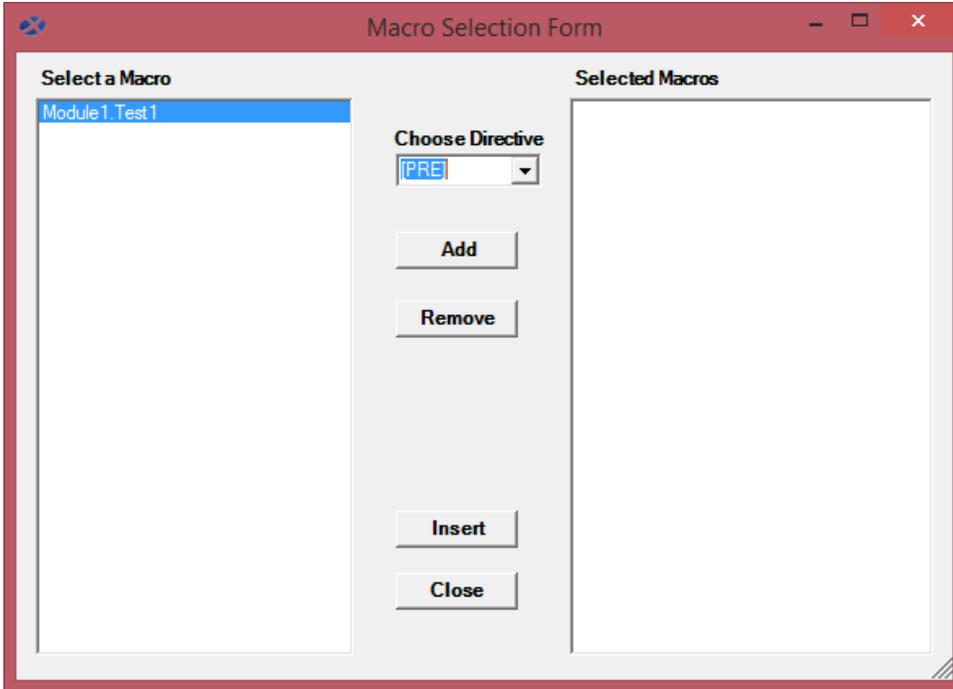
```
Sub test1()  
    Range("Sheet1!A7").  
    Range("Sheet1!A9").  
End Sub
```

How to Select Macros with Broadcast

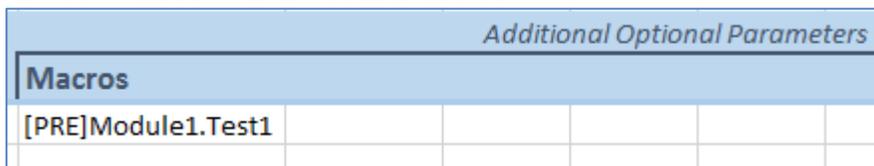
1. Select 'Macros' in the Additional Optional Parameters



2. Double-click the cell field under the Macros header.

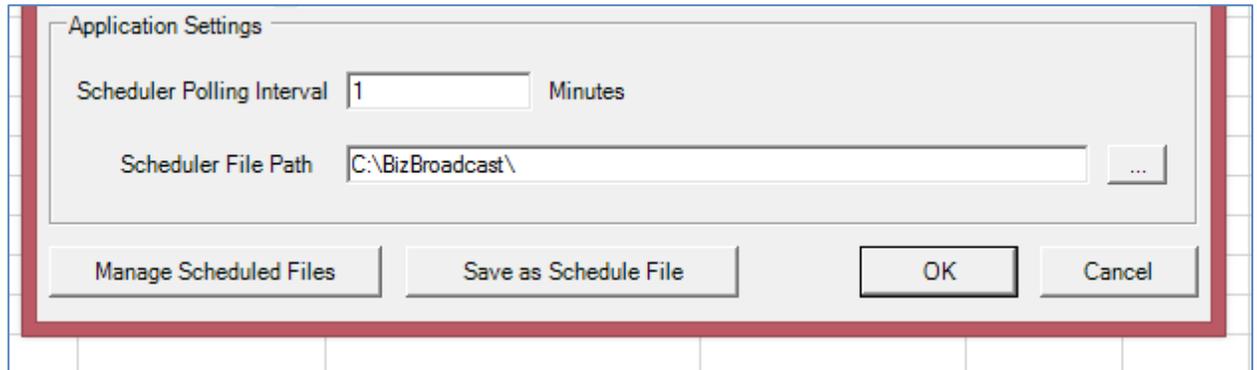


3. Select a macro. (The list automatically detects macros stored in the workbook)
4. Select a directive and click the 'Add' button
 - [PRE] – macros are executed before the Excel calculation
 - [POST] – macros are executed after the Excel calculation
5. Click 'Insert' button
6. All selected macros are listed with directives

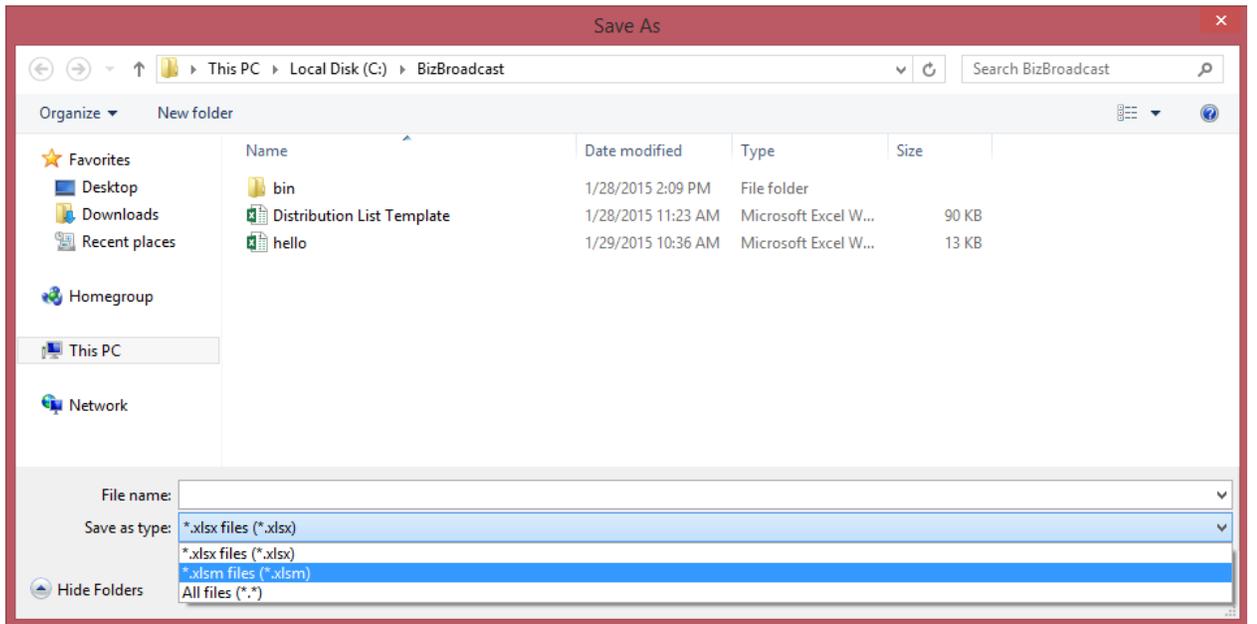


Using Scheduler with macro-enabled workbooks

1. After selecting the schedule frequency, click the 'Save as Schedule File' button to save the schedule.



2. In the Save As menu, select the Save as type drop-down menu and save the schedule as xlsx format.



***The scheduled file must be saved as xlsm to distribute a macro-enabled workbook. Macros will fail to execute if xlsx is selected.**

Macro Workbook Scenarios

1. User wants to send a macro-enabled workbook to another user. The source workbook that contains the distribution template **MUST** be an xlsx workbook.

RenderFormat	MergeFiles	Result
XLSM	No	Macros are executed and delivered into the xlsx output file

2. User wants to merge a macro-enabled workbook and send to another user. Broadcast does not support a distribution row that has a RenderFormat – XLSM combined with MergeFiles parameter. The final result would require additional distribution rows and the macros will not be carried over in the output file. The source workbook that contains the distribution template **MUST** be an xlsx workbook.

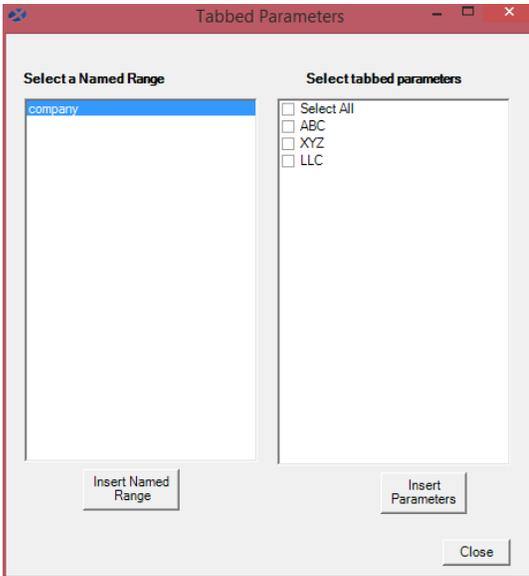
RenderFormat	MergeFiles	Result
1. XLSM	No	Macros are executed and delivered into the XLSM output file
2. XLSM	No	Macros are executed and delivered into the XLSM output file
3. XLSX	Merge the two XLSM output files	Previous macro workbooks have been executed. XLSX output file does not contain macros.

1.1.4. Tabbed Parameters User Interface

User defined parameters, as known as tabbed parameters, are used to substitute multiple values during distribution in order to automatically generate the various combinations for the output files. In previous builds, users were required to manually type in the multiple values and separating the values with a pipe '|'. A prerequisite for utilizing the new user interface is that the user must create all named ranges in the report before using the tabbed parameters. Double-click the empty cell field after a named range column has been selected (i.e. test) and the new tabbed parameter user interface will pop-out to select values.

Additional Optional Parameters					
test					

Users have two options to select the multiple values. Insert Named Range will insert the name of the selected named range. This method is beneficial and allows the report to be dynamic and scalable as values in the named range grows. Insert Parameters will insert the values selected and separated by a pipe. This method is beneficial to view the displayed values and enables a user to distribute confidential reports to the appropriate viewers.



Insert Named Range button result



Insert Parameters button result



'Select All' option is available



*When 'Select All' is selected, the 'Insert Parameters' button will become disabled. For best report building practices, referencing a Named Range is advantageous over a list of values.

1.1.5. Distribute Excel Custom Views

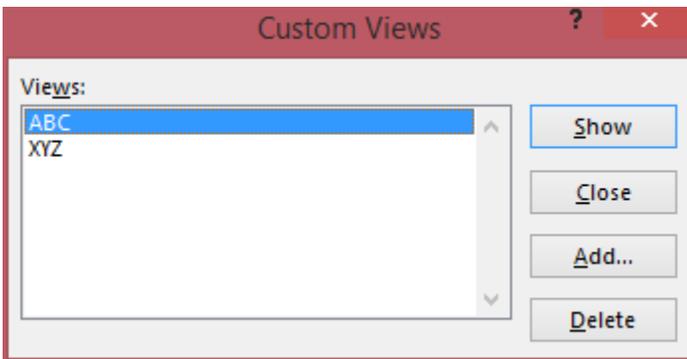
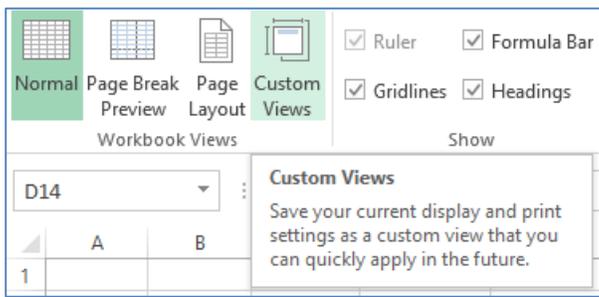
Excel custom views allow you save a specific display setting for a worksheet and apply changes when needed. A user can make changes to the worksheet display so that the worksheet window appears exactly as the user wants it to appear each time the user selects the view. Display settings can be altered such as column widths, row heights, hidden rows and columns, cell selections, filter settings, and window settings. Print settings can be altered such as page settings, margins, headers and footers, and sheet settings.

The newest build can distribute reports with custom views with a few requirements:

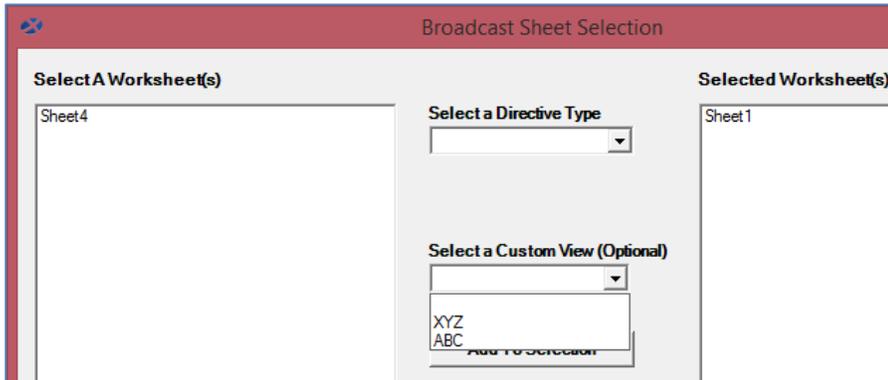
- Custom views with tabbed parameters (user defined parameters) does not work with multiple tabbed parameters or multiple substitution values.
- Custom views can only be selected from the distribution workbook and in the scenario of merging workbooks, Broadcast is unable to detect custom views from other workbooks.
- Excel's custom views are only supported in XLS, XLSVALUES, XLSX, XLSXVALUES, XLSM, XLSMVALUES or PDF formats. The excluded formats cannot apply Excel's custom view feature.
- If any worksheet in the workbook contains an Excel table, the Custom Views command on the ribbon button will be disable. Broadcast will detect the custom view; however, the custom view will not be applied during distribution.

<https://support.office.com/en-ie/article/Create-apply-or-delete-a-custom-view-ce722bf9-0b4a-49a5-94ba-438fde18fc2b>

Excel Ribbon Button > View > Custom Views

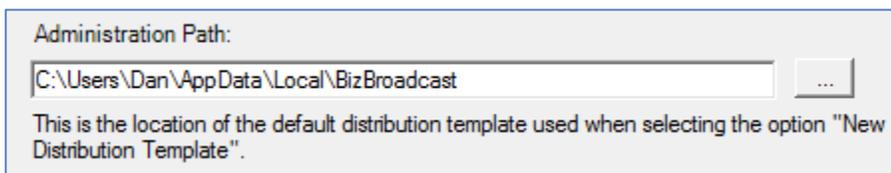
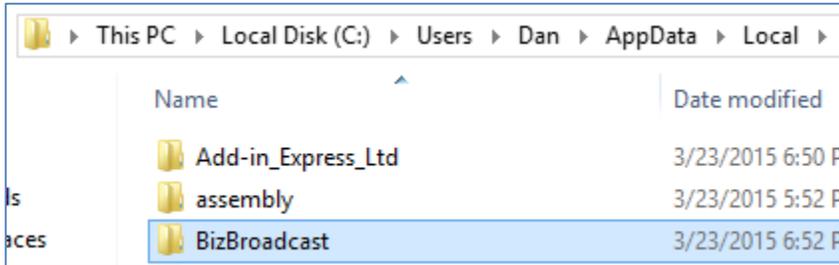


Broadcast Sheet Selection Menu – Select a Custom View in the drop-down list



1.1.6. WIX Installer and Changes to the Installation and Admin Path

Broadcast is packaged with a newer Windows installation package called WIX installer. The benefits include a single installation file that installs on all supported versions of Excel and special installation environments.



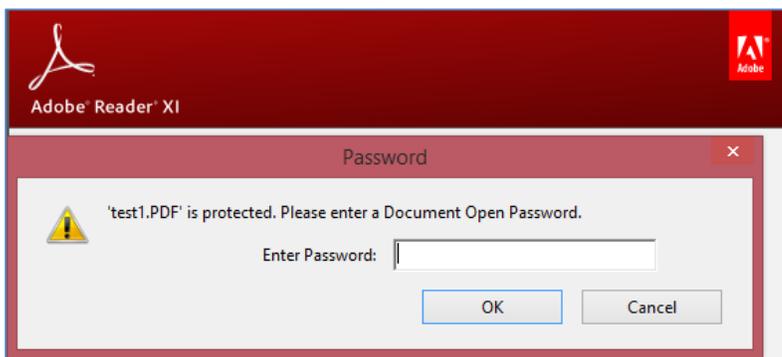
1.2. Minor Features

1.2.1. PDF Password Protect

Password protecting pdf documents is now available in Broadcast. In the Distribution template, select 'Password' in the Additional Optional parameters and set a password for the pdf document. Click 'Run Now' and the pdf file is password protected.

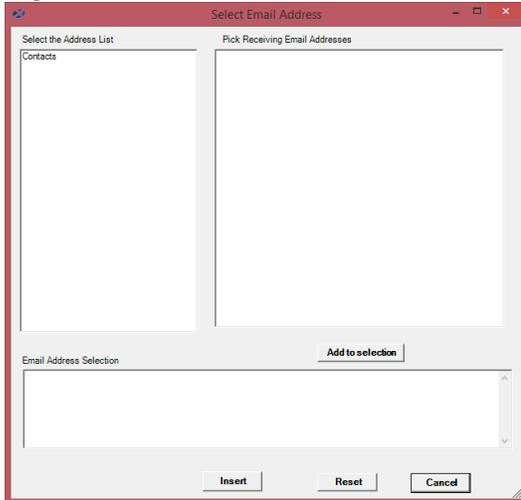
BizBroadcast Distribution List						
<i>Required</i>	<i>At least one required</i>					
RenderFormat	Path	EmailTo	EmailSubject	Selection	FileName	Password
PDF	C:\Broadcast			[VIEW:ABC]Sheet1	test1	*****
PDF	C:\Broadcast			[VIEW:XYZ][PW:test]Sheet1	test2	*****

*In the Selection menu, if a worksheet is password protected, Broadcast does not apply the worksheet password into the pdf; only the Password column in Additional Optional parameters sets the password for the pdf.



1.2.2. Microsoft Outlook Global Address Support

Broadcast examines Microsoft Outlook's Global Address List (GAL) through the Microsoft Exchange Server account. The GAL contains the names and e-mail addresses of everyone in the organization. Double-click the EmailTo cell field to activate the feature.



1.2.3. New Render Format XML

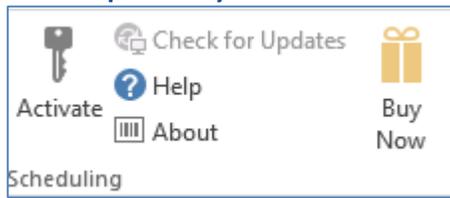
Extensible Markup Language (XML) is a markup language that defines a set of rules for encoding documents in a format which is both human-readable and machine-readable.

Broadcast produces XML files as unmapped elements:

- XML data files (.xml), which contain the custom tags and structured data.
- XML schema file (.xsd) and Extensible Stylesheet Language Transformation (.xslt) is not currently supported in Broadcast.

BroadcastRenderFormats	
PDF	
XPS	
XLSX	
XLSXVALUES	
XLSM	
XLSMVALUES	
XLS	
XLSVALUES	
MHTML	
HTML	
CSV	
XML	

1.2.4. New Help and Buy Now Ribbon Buttons



The Help icon opens to a direct link to BizNet Software help online documentation. The Buy Now button directs customers to purchase the product online. When the product is successfully activated, the Buy Now button disappears from the ribbon button.

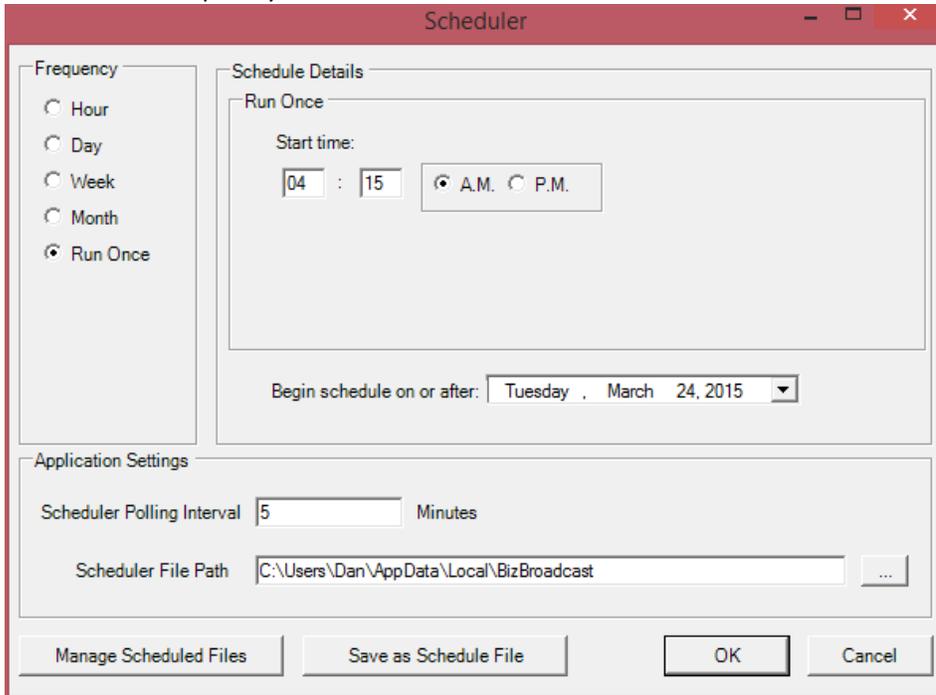
2. BizNet Broadcast – Enhancements

2.1.1. Notification of Missed Scheduled Distribution Rows

After distribution completes, a message box contains information for unprocessed rows or errors. The About box logs the detailed message.

2.1.2. Scheduler ‘Run Once’ Selection

Users are able to use the Scheduler menu to schedule a distribution to run once. Select ‘Run Once’ in the Frequency section and set a time.



2.1.3. Excel 2013 Support Improvements

Add-in express 7.2 and higher is used for Excel 2013 Broadcast builds.

2.1.4. Merge Files with Wildcard

Additional Optional parameter, Merge Files, includes a new Select Folder button for the user to use a wildcard as a “select all” for the render format type. Only XLSX and PDF format can be used. For example, user selects PDF render format type, Select Folder button in the Merge Files, then the output value will be the location path *.pdf (i.e. C:\BizBroadcast\FilesToMerge*.pdf) All other documents contained in the folder that is not pdf will be ignored by Broadcast.

3. BizNet Broadcast – Bug Fixes

3.1.1. Selection windows field type is normalized for easier view

Selection menu is better viewed in environments with zoom enabled.

3.1.2. The additional optional parameter refreshes properly

Updates to refreshing the Additional Optional parameter headers and columns

3.1.3. Excel distribution workbooks contain Chart Sheets

Charts Sheets were automatically hidden and included in the distribution of a workbook. Broadcast does not support chart sheets.

3.1.4. Merge files that contain chart objects issue

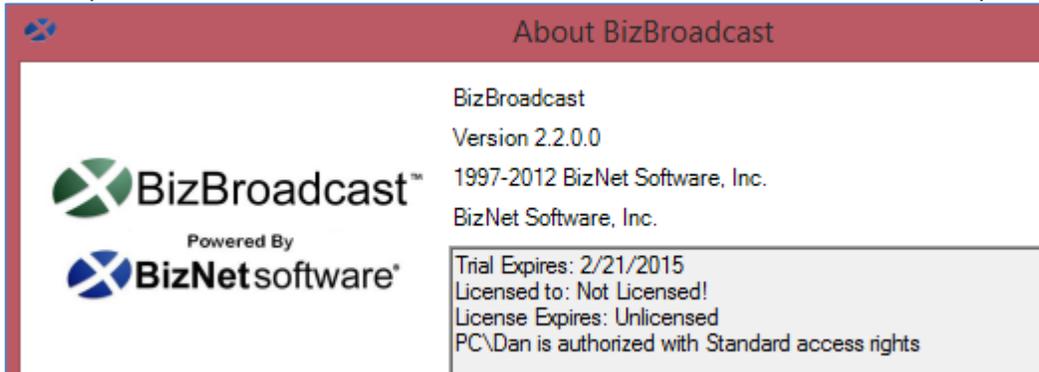
During distribution, users will continually be prompted to save a temporary workbook when merging of xlsx files and contains chart objects. The distribution workbook containing chart objects are not affected.

3.1.5. Scheduler time from 12AM to 12:59AM distributed incorrectly

When Scheduler time duration was set for a time between 12am and 12:59am, the reports would distributed in PM instead of AM.

3.1.6. Hide trial expiration information when Broadcast has been activated

Trial expiration information will be hidden when Broadcast has been successfully activated.



3.1.7. PDF merge creates an extra sub-level bookmark header

Users merging PDF files may have experienced an extra Page 1 sub-level bookmark in the merged pdf output file.

3.1.8. Attachment for email address

Users experienced an issue in the Attachment parameter if only one attachment was selected. Two or more attachments were required to be selected.

3.1.9. Merge file feature fixes

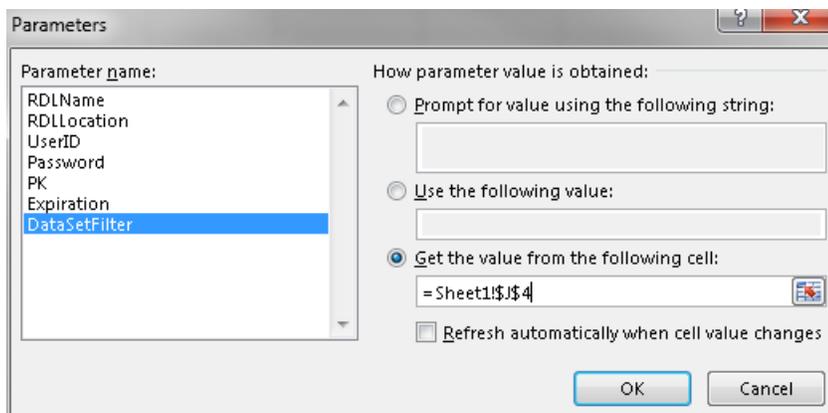
Resolved issues with saving dialog prompts during distribution and merge selection with blank render formats.

4. BizNet Broadcast – Known Issues

1. When errors are prompted during Broadcast processing, reference the About box for further details on the issue.
2. Reference error can occur in any workbooks. If cell referencing is used in the Distribution Template and the reference is broken or missing, Broadcast processing may return a #REF! error in the Excel ID: -2146826265 in the file or filename.
3. When users save a Broadcast distribution template in xltx (xlt format is unsupported) and add a new node in BizInsight to drag and drop the workbook as a template, Broadcast cannot process the drag and drop distribution template inside the workbook template. The drag and drop method in BizInsight creates a temporary workbook file which cannot be processed for multiple iterations by Broadcast.

Workaround:

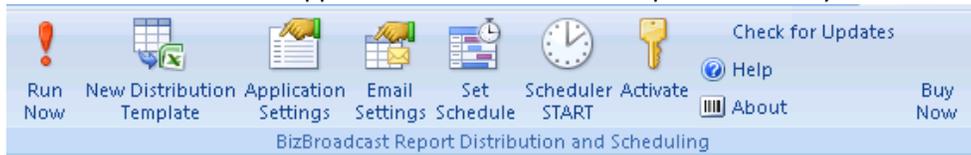
- A. If the drag and drop method is used, save the Distribution template in only xlsx format for Broadcast to process. The newly created workbook will need to be saved on the local machine for Broadcast to distribute multiple times.
 - B. In Excel, open the workbook template separately and click the Run Now button to process the Broadcast distribution template.
4. When users save a Broadcast Distribution template with a workbook containing dynamic analysis sets (see screenshot blow) and the user attempts to distribute using Broadcast, Broadcast will prompt to the user save the workbook and fail to distribute after the first time. Excel workbooks that are dragged and down from BizInsight are created as a temporary file on the local machine. Broadcast is unable to recognize a temporary file. The workaround for the drag and drop feature in BizInsight is to save Broadcast Distribution templates in only xlsx format and save the newly created workbook on the local machine for Broadcast to distribute multiple times.



5. Macros are recorded in a VBA module object or as VBA procedures referencing a worksheet object. If a macro references a worksheet object instead of the module, Excel's worksheet event will trigger and Excel will automatically execute the macro. This becomes performance issue during Broadcast macro distribution. Broadcast will first instruct the macro to run during the refresh phase, then macro will be triggered to run again due to the worksheet change event in Excel. In total, the macro will be ran twice during a Broadcast distribution.
6. Microsoft Outlook automatically checks for anti-virus programs installed in the operating system. If anti-virus is not detected and when Broadcast distributes to emails addresses using Outlook, Outlook security will force a security prompt for each distribution row. The available resolution is to install an anti-virus program in the operating system.



7. Excel 2007 contains unsupported icons for Check for Updates and Buy Now ribbon buttons.



5. Appendix

Preserve and No Preserve Process Order

1. RenderFormat: XLSX or XLSXVALUES
2. Preserve formula is enabled or disable (Application Setting). Formula list contains values.
3. Preserve or No Preserve is used in the Selection column
4. Merge is or is not selected in the Additional Optional Parameters

RenderFormat: XLSX

		[CONTENT]		
		Preserve	No Preserve	Alternative Directive
Application Setting	Preserve Formula Enabled	N/A	Worksheet contains all formulas.	Only formulas listed by the user are preserved. All else values.
	Preserve Formula Disabled	Only formulas listed by the user are preserved. All else values.	N/A	No changes

		[CONTENT]			Merge File Parameter
		Preserve	No Preserve	Alternative Directive	
Application Setting	Preserve Formula Enabled	N/A	Worksheet contains all formulas.	Only formulas listed by the user are preserved. All else values.	All merged workbooks contain all formulas
	Preserve Formula Disabled	Only formulas listed by the user are preserved. All else values.	N/A	No changes	All merged workbooks contain all formulas

[CONTENT]

	Preserve	No Preserve	Alternative Directive
Application Setting Preserve Formula Enabled	Do Not Use	Do Not Use	No changes
Application Setting Preserve Formula Disabled	Do Not Use	Do Not Use	No changes

[CONTENT]

Merge File Parameter

	Preserve	No Preserve	Alternative Directive	
Application Setting Preserve Formula Enabled	Do Not Use	Do Not Use	No changes	All merged workbooks contain all values.
Application Setting Preserve Formula Disabled	Do Not Use	Do Not Use	No changes	All merged workbooks contain all values.