

More4apps

# Functional Impact Document

## Bill of Materials Wizard

Created By: More4apps

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Version: 6

Version Date: 06 April 2022

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## Release 7.2.17 – 06/04/2022

6.1 New Package	
Version: 7.2.11	Date: 31/03/2022
This release has an updated Package Body.	

## Release 7.2.10 – 10/02/2022

5.1 Engineering Mode	
Version: 7.2.00	Date: 13/12/2021
A new Engineering Mode has been added which gives the user the ability to create and update Engineering Bill of Materials for all sections in the Engineering Bill.	

## Bill of Materials Wizard

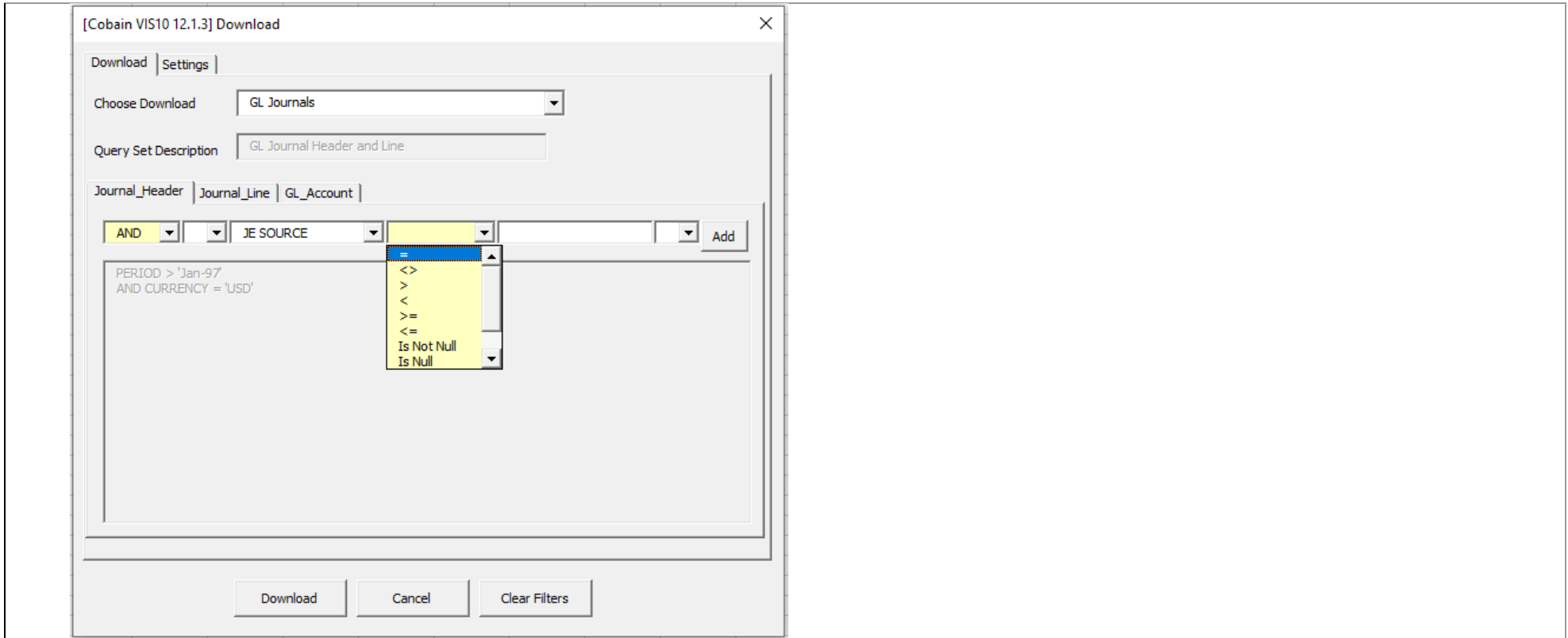
Engineering BOM							Header									
Upload Status	Assembly Cost Status	Attachment Status	Component Status	Component Cost Status	Substitute Status	RefDes Status	Header Messages	BOM Upload Action	Exploder Level	Inventory Org Code	Assembly Alternate	Assembly Description	Assembly UOM	Assembly Item Type	Assembly Eng Item	Assembly EC
Default Values																

### 5.2 Custom Query

Version: 7.2.03

Date: 14/01/2022

Custom Query functionality will no longer allow written SQL criteria in the Download form. Download criteria must now be added using the provided controls.



## 5.1 Miscellaneous Updates

Version: 7.2.10

Date: 09/02/2022


- Extension package has been upgraded.
- Upload performance has been improved.

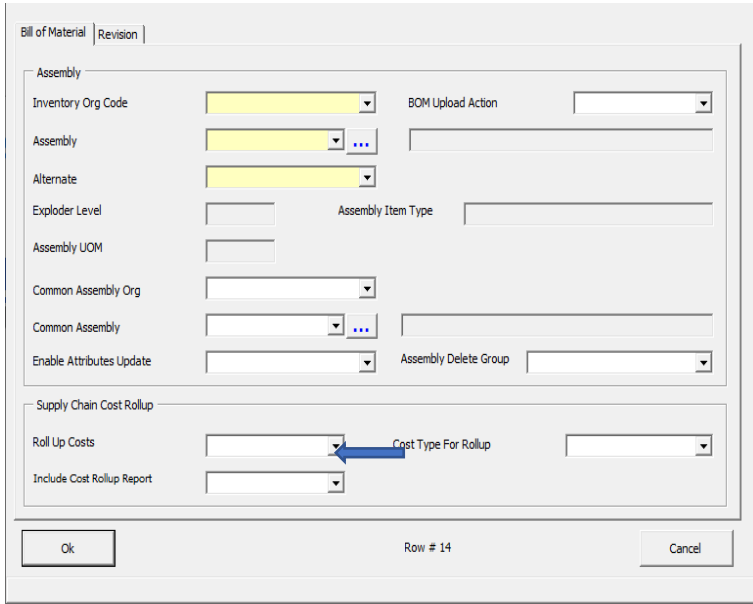
## Release 7.1.48 – 24/06/2021

4.1 Update	
Version: 7.1.48	Date: 17/06/2021
<p>There are no functional changes in this version, only bug fixes and enhancements to the code. You can still use your current template worksheets in the new version.</p>	

## Release 7.1.29 – 25/03/2020

3.1 Cost Rollup Report Print Request Option	
Version: 7.1.20	Date: 04/03/2021
<p>A new Cost Roll-Up report option has been added to Bill of Material Wizard which gives the user the choice to send a print Cost Rollup report request to Oracle EBS from the Wizard. The cost rollup report option is available on the sheet and on the data form as shown below:</p>	





The processed Cost Rollup report can be viewed and printed from Oracle Request.

## Release 7.1.14 – 30/10/2020

This is a major release of Bill of Materials Wizard which has significant changes and performance updates.

It is advisable to undertake comprehensive testing before migrating to this release.

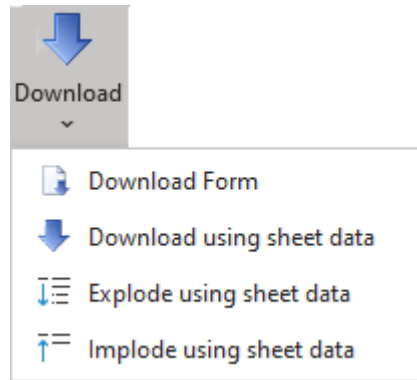
This release requires a package update. The new package is not backward compatible to 7.0.0 but the new package is compatible with the non-common Bill of Materials version.

## 2.1 Explode/Implode by Sheet

Version: 7.1.12

Date: 31/08/2020

Explode and Implode using sheet data functionality has been added to the Download button on the ribbon.

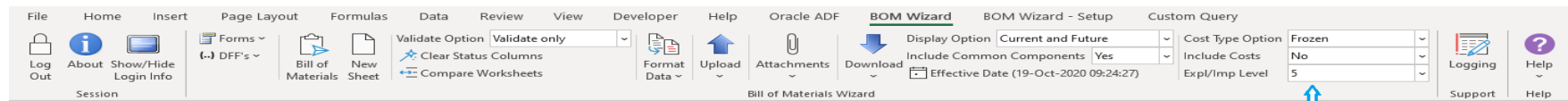


- Both Explode and Implode using sheet data functionality will take input from the Assembly column.
- Both Explode and Implode using sheet data does not require Org but Org can be used to filter the results.
- Multiple Explode/Implode functionality is available by the sheet download.

## 2.2 Explode/Implode Level on the Ribbon

Version: 7.1.12

Date: 31/08/2020





- The Explode/Implode Level has been removed from the Download form and added to the ribbon.
- The Explode/Implode Level will work with the Download form and Sheet for Explode and Implode actions.

## Release 7.0.0– 25/03/2020

Whilst we at More4Apps have tried to maintain the same look and user interaction, some functionality has been modified. You **cannot** use your previous template/worksheets in this new version as the structure of the Wizard has changed with the introduction of Modes and data layout changes.

Note: Any macros used to write data to your current worksheet will need to be updated. If More4Apps previously supplied your macros, please log a support call to have your macros updated.

This release enables templating to better control access to functions with the Wizard and the default behavior of columns. System Administrators may wish to take advantage of implementing this.

1.1 New Color Scheme																																																																									
Version: 7.0.0	Date: 25/03/2020																																																																								
More4Apps has implemented a new color scheme, see below for an example:																																																																									
<table border="1"> <thead> <tr> <th colspan="8">Bill of Materials</th> </tr> <tr> <th colspan="8">Upload Results</th> </tr> <tr> <th>Upload Status</th> <th>Assembly Cost Status</th> <th>Attachment Status</th> <th>Component Status</th> <th>Component Cost Status</th> <th>Substitute Status</th> <th>Operation Status</th> <th>RefDes Status</th> </tr> <tr> <th colspan="8">Default Values</th> </tr> </thead> <tbody> <tr> <td>Accepted</td> <td></td> <td></td> <td>Validated</td> <td></td> <td></td> <td></td> <td>Validated</td> </tr> </tbody> </table>	Bill of Materials								Upload Results								Upload Status	Assembly Cost Status	Attachment Status	Component Status	Component Cost Status	Substitute Status	Operation Status	RefDes Status	Default Values								Accepted			Validated				Validated	<table border="1"> <thead> <tr> <th colspan="8">Header</th> </tr> <tr> <th>Header Messages</th> <th>BOM Upload Action</th> <th>Exploder Level</th> <th>Inventory Org Code</th> <th>Assembly Alternate</th> <th>Assembly Description</th> <th>Assembly UOM</th> <th>Assembly Item Type</th> </tr> </thead> <tbody> <tr> <td></td> <td>I</td> <td></td> <td>M1</td> <td>SB10299</td> <td>Primary</td> <td>Cover Assembly</td> <td>Ea</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Purchased item</td> </tr> </tbody> </table>	Header								Header Messages	BOM Upload Action	Exploder Level	Inventory Org Code	Assembly Alternate	Assembly Description	Assembly UOM	Assembly Item Type		I		M1	SB10299	Primary	Cover Assembly	Ea								Purchased item
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## 1.2 New Wizard Ribbon

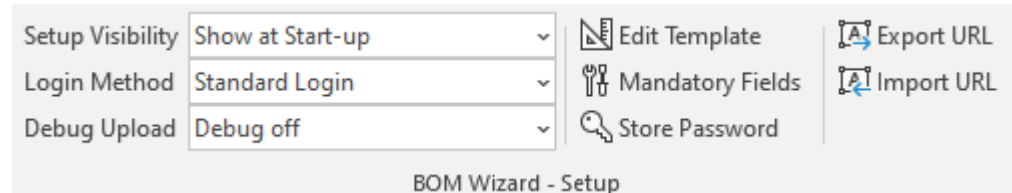
Version: 7.0.0

Date: 25/03/2020

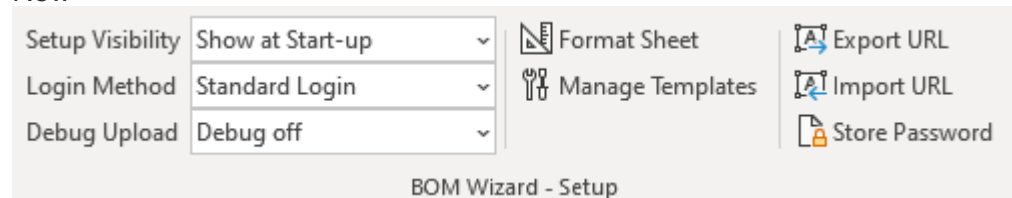
The ribbon has been updated to improve usability.

### BOM Wizard – Setup Ribbon

#### Old



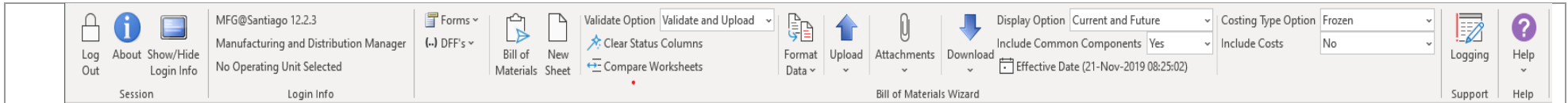
#### New



#### Note:

- 'Format Sheet' allows you to change the More4Apps logo to your Company logo and customize the Wizard's sheet.
- 'Store Password' enables you to password protect the spreadsheet.
- 'Manage Templates' replaces 'Mandatory Fields'.

### BOM Wizard New Ribbon



**Note:**

- Mode/Template icon to access the four new modes Bill of Materials, Asset BOM, Maintenance BOM and Rebuildable BOM and User defined Templates.
- The 'Clear Status Columns' icon, clears the selected status columns.
- 'Format Data' function is added to duplicate parent rows based on child rows and removing duplicate parent rows respectively.
- 'Display Option' function is added to download components of bills based on the following choices: All, Current, Current and Future.
- 'Effective Date' function is added to be a User defined pivotal date that works in conjunction with the 'Display Option'.
- 'Include Common Components' function is added to optionally download source BOM components with the common BOM header information.
- 'Cost Type Option' function is added to select cost types when downloading Assemblies. It will download costings for assembly and components. It works in conjunction with the 'Include Costs' function.
- 'Include Costs' function is added as a control to download or not to download costs for assemblies and components.
- A new 'Logging' support icon, when activated will record upload/download information for support purposes.
- The 'Help' icon will direct you to user instructions and product details.

### 1.3 Change to 'Validation and Upload' Methods

**Version: 7.0.0**

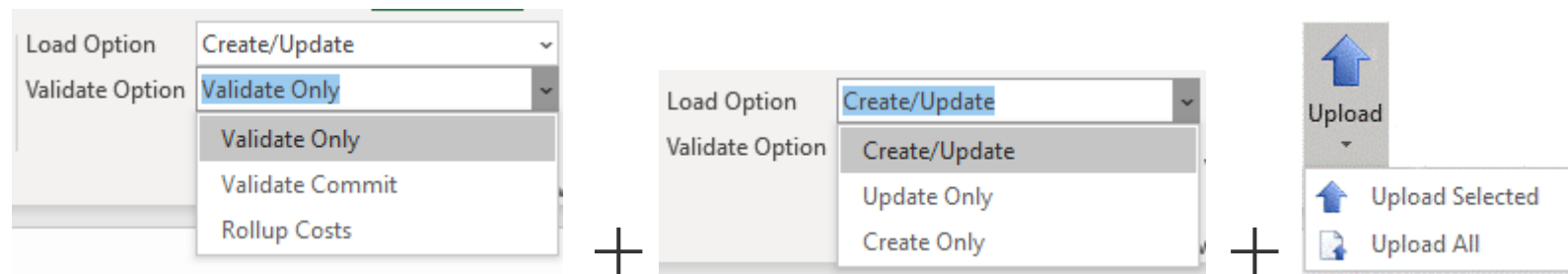
**Date: 25/03/2020**

### Previous Version

The method was a combination of Validate and Upload options.

Spreadsheet Data

Header							
Order Message	Order ID	Order Number	Status	Customer Name	Customer Number	Customer Contact	Order Type
			Entered	United Parcel	1003		Mixed

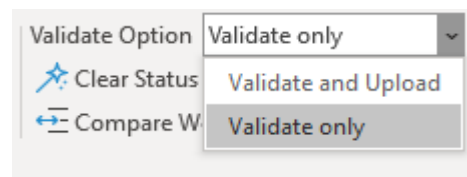


The diagram illustrates the previous version's workflow. It shows a 'Load Option' dropdown set to 'Create/Update' and a 'Validate Option' dropdown with a menu containing 'Validate Only', 'Validate Commit', and 'Rollup Costs'. This is followed by a plus sign, then another 'Load Option' dropdown set to 'Create/Update' and a 'Validate Option' dropdown with a menu containing 'Create/Update', 'Update Only', and 'Create Only'. This is followed by another plus sign, then an 'Upload' ribbon button with a dropdown menu containing 'Upload Selected' and 'Upload All'.

### New Version

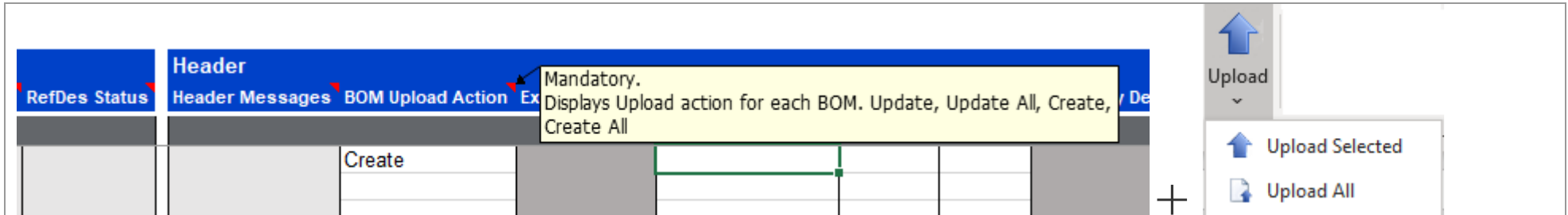
The **Validate** option has been replaced with a new validate button. Note if you upload it will automatically perform all validation first.

'Load Option' and 'Validate Option' are combined ... Dropdown list



The diagram shows the new version's interface. It features a 'Validate Option' dropdown menu with options for 'Validate only', 'Validate and Upload', and 'Validate only'. To the left of the dropdown are two buttons: 'Clear Status' (with a star icon) and 'Compare W' (with a double-headed arrow icon).

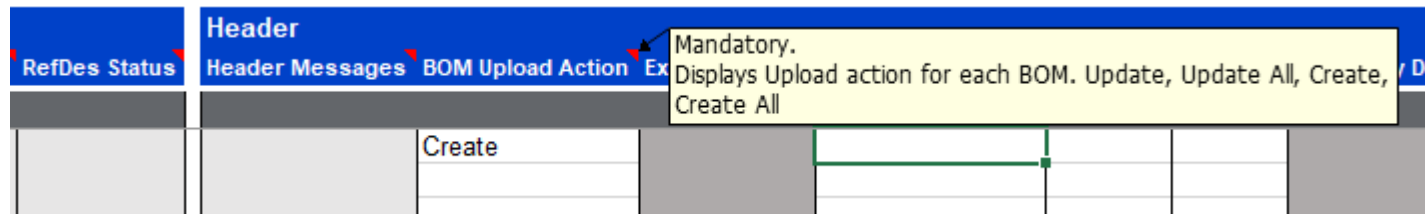
**Upload** is now a combination of a new 'Upload Action' column in the sheet and the Upload ribbon option.



**Details on Action Codes**

The Upload Action column is not mandatory, but you need to select an action for the Wizard to process the data entered in that section. If the relevant 'Upload Action' column is left blank the Wizard will ignore the entire section for upload, except when the 'All' actions are used (Create All and Update All). See the table below for Action effects.

Action Column:



The actions are self-explanatory but are detailed below:

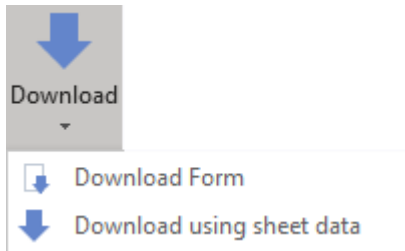
Action	Action Effect
Create	Will Upload Create for the relevant Section only
Create All	Will Create the relevant Section and all Sections below.
Update	Will update the relevant Section only.
Update All	Will update the relevant Section and all Sections below.

## 1.4 Changes in 'Download Form'

Version: 7.0.0

Date: 25/03/2020

The Download Form option has been enhanced. It has also been separated into a more logical Header and Line sections.



Fields that can be used:

[Santiago VIS9 12.2.4] Download Bill Of Materials

Download Criteria

Inventory Org Code

Assembly  ...

Assembly To  ...

Revision

Alternate

Category Set  Explode/Implode To Level

Category From  ...  Category  ...

Assembly Item Status

Include Bills with no assigned Category

Where Used

Component  ...

Include Other Components within the Bill

Include Implemented Only Components

Costing Type Option

Cost Type

Download Cancel Explode Implode

- Download ECO bill function is no longer available.
- 'Assembly Item Status' field has been added to select the Assembly status from the LOV.
- 'Include Bill with no assigned Category' field has been added. Yes/No option to add or ignore Assembly items with no assigned Category being downloaded in conjunction with download of Items of selected Category /Category. e.g. Phantom Bills

## 1.5 Changes in Columns on the Data Sheet

Version: 7.0.0

Date: 25/03/2020

The Wizard columns and sections have been reviewed and enhanced as follows.

### New Wizard:

- A default row on row 10 (Default Values) has now been added to Bill of Materials Wizard. This functionality allows easier integration of data into your data sets where duplicate values are required across multiple rows.

7	Bill of Materials								Header					
8	Upload Results								Header					
9	Upload Status	Assembly Cost Status	Attachment Status	Component Status	Component Cost Status	Substitute Status	Operation Status	RefDes Status	Header Messages	BOM Upload Action	Exploder Level	Inventory Org Code	Assembly	Alternate As
10	Default Values													
99														

- The data sheet is split into sections based on the Oracle Bill of Material form.
- Header Section: current (Revision, Revision Label, Revision Description Revision Implementation) has been converted to display only and new (Revision, New Revision Label and New Revision Description) columns have been added.
- Header attachment is moved from the end of the sheet to the header area.
- Roll Up Cost Section: The Cost Type for roll up is added to facilitate selection of cost type when running the cost roll up.
- Assembly Costs Details Section: Cost Type is added to facilitate reviewing various Cost Types via the form.
- Changes in effectivity:
  - Standard BOM has Date and Unit Effectivity
  - Rebuildable BOM has Date, Unit and Serial Effectivity
  - Asset BOM has Date and Serial Effectivity



- Maintenance BOM has Date and Unit Effectivity

- Component Section: ‘Quantity Related Reference Designator’ has been added to end of the Component Section to facilitate control over Reference Designators.
- Component Cost Details Section: Cost Type is added to Component section to facilitate download component costs.

**Columns from old Wizard which are no longer available:**

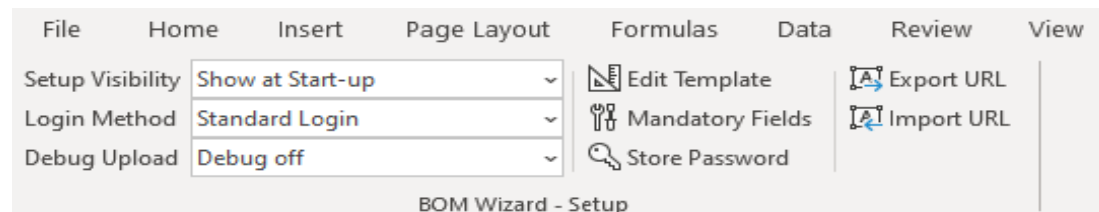
- Header Section: ‘Implementation date’ from header section.
- Header Section: ‘Engineering Change Order’ from header section.
- Line Section: ‘New Effectivity from’ from Main section has been removed.
- Line Section: ‘New to item Unit Number’ from Main section has been removed.
- Line Section: ‘Include in cost roll’ up has been moved to ribbon.

## 1.6 Changes in ‘BOM Wizard-Setup’

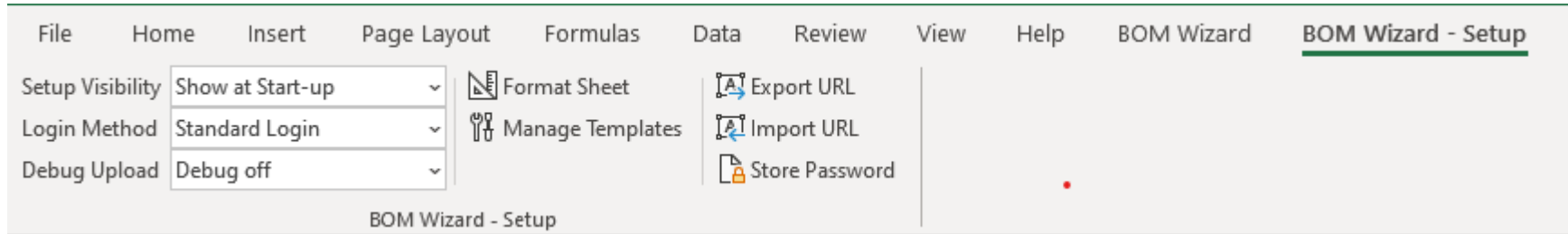
Version: 7.0.0

Date: 25/03/2020

Previous Wizard Ribbon Control to create user’s worksheets:



New Wizard Ribbon Control to create user's worksheets:



The 'Manage Templates' gives the following advantages:

- Templates are stored on each instance and can simply be selected by the user in the 'Generate Template' form.
- Templates are secure, preventing users from accessing data they do not have permission to view or change.
- Templates are easily copied from one instance to another.
- Templates are optional, predefined modes can instead be used where users create their own layouts as appropriate.

## 1.7 Miscellaneous Changes

Version: 7.0.0

Date: 25/03/2020

There have been a few other changes worth noting:

- Attachment columns have been grouped with Assembly and Assembly Cost detail sections to improve functionality.
- Validation has been expanded.
- The addition of new columns to the Wizard has been streamlined to improve the speed of response to customer requests.
- The ability to now clear status columns.

