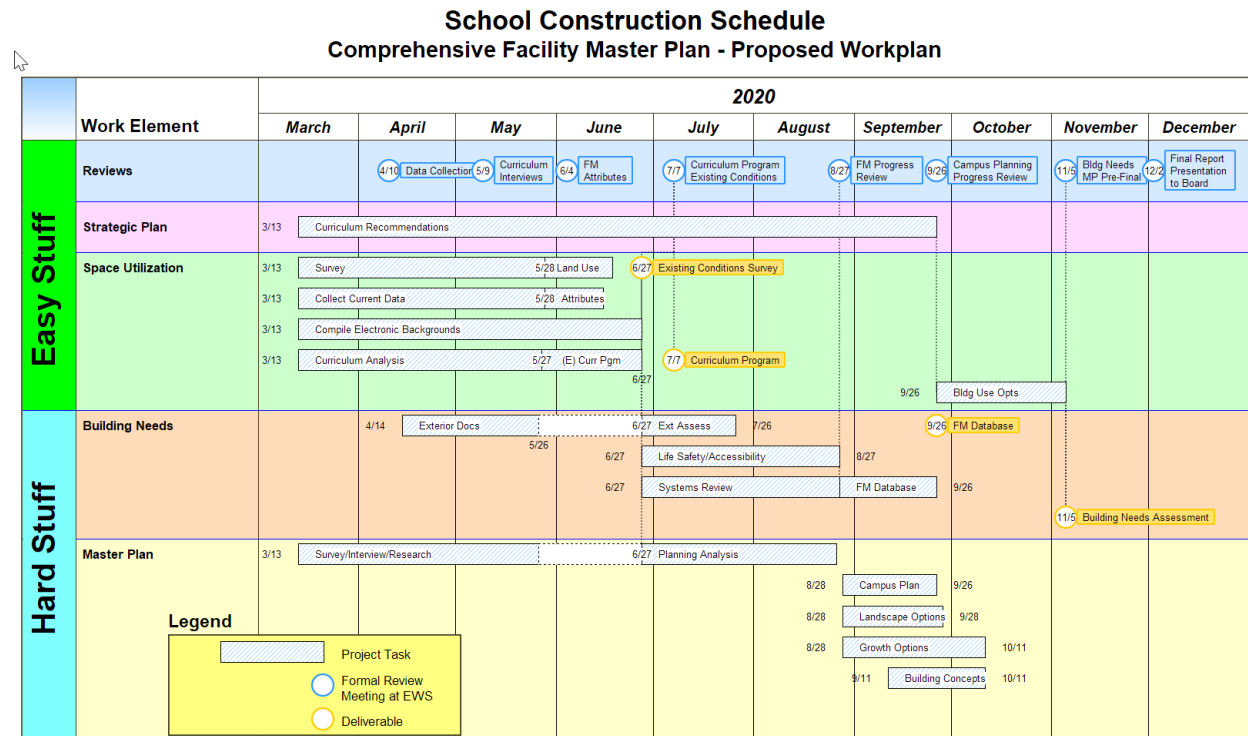


New Features for Version 2019

Rotated Text in Cells and Ability to Suppress Gridline at Bottom of Any Cell

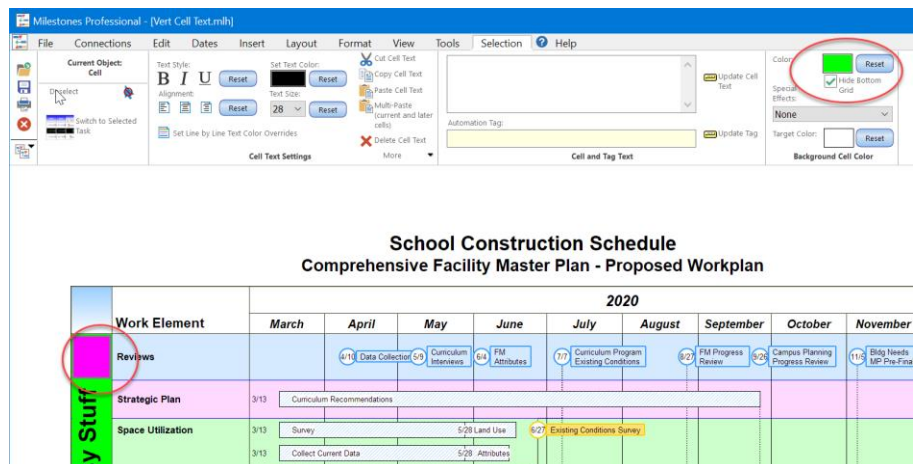
It is now possible to rotate text in cells. It can be rotated to 90 or 270 degrees. This is useful when someone wants to use rotated text to categorize groups of task rows:



Notice that the horizontal gridlines do not enter the vertical text area. This is accomplished by using the cell by cell option to hide the bottom grid line:

This new option to hide the bottom gridline in a cell makes it easy to group cells using a solid background color and hiding the gridlines.

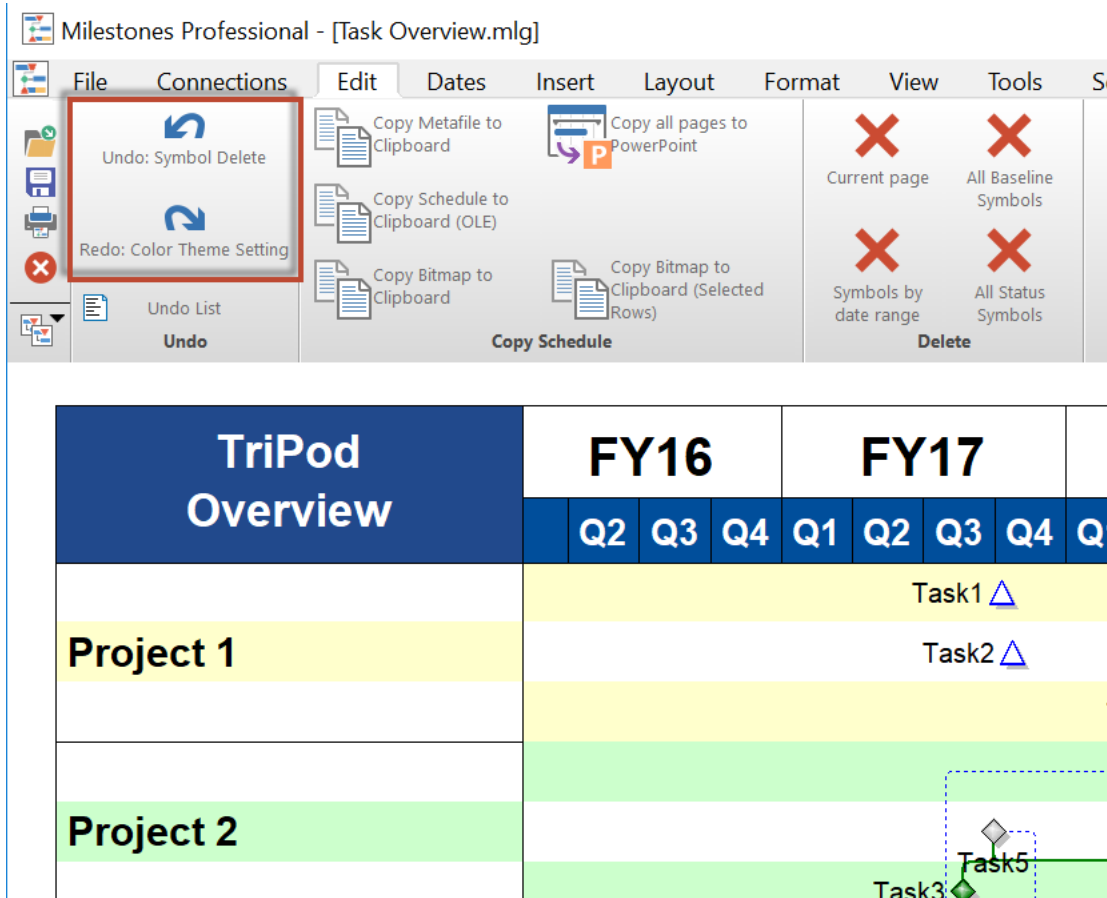
Note: When cell text is rotated, only text to the first hard return is included. Rotated cell text will be displayed outside of the cell which is what allows it to overlap other rows. When the text is altered only the column is redrawn. So if the text was showing above or below the column there may be remnants left which will go away when the screen is refreshed.



“Redo” Functionality added

We’ve added Redo functionality to Milestones Professional 2019. Now, when you press Undo, the current schedule is first saved as a Redo. This effectively allows you to go backwards and forwards through different versions of your schedule to see the effect of various changes.

You might want to quickly show some colleagues some variations on your color theme, or some symbology changes on your Toolbox. With the new Redo functionality, this is much easier.



The screenshot shows the 'Edit' tab in the software interface. The 'Undo' button (a blue arrow pointing left) and the 'Redo' button (a blue arrow pointing right) are highlighted with a red box. Below them, the text 'Undo: Symbol Delete' and 'Redo: Color Theme Setting' are visible. Other buttons like 'Copy Metafile to Clipboard', 'Copy Schedule to Clipboard (OLE)', 'Copy Bitmap to Clipboard', 'Copy all pages to PowerPoint', 'Copy Bitmap to Clipboard (Selected Rows)', 'Current page', 'All Baseline Symbols', 'Symbols by date range', and 'All Status Symbols' are also present.

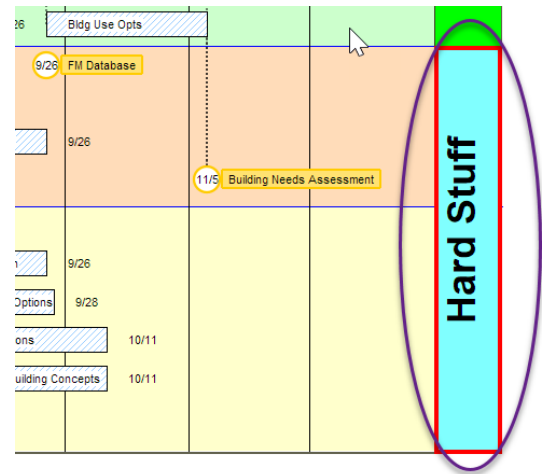
Below the screenshot is a Gantt chart titled 'TriPod Overview'. The chart shows tasks across quarters for FY16 and FY17. The tasks are: Task1 (yellow bar), Task2 (yellow bar), Task3 (green bar), and Task5 (green bar). Task3 and Task5 are connected by a dashed line, indicating a dependency or sequence.

TriPod Overview	FY16			FY17				
	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q
Project 1	Task1							
	Task2							
Project 2	Task3							
	Task5							

The number of Redos available is limited by the number of Undos available. You can set your maximum number of Undos / Redos in the Tools Tab > Edit Options.

Borders around Single Cells or Groups of Cells

It is now possible to place a border around any cell. You can use partial borders to build a larger border around a group of cells. In this example below a group of cells has a border around a group of cells containing vertical text:



The way this is done is that you first select a cell and then use the Cell Border control at the right of the Cell menu to set the border color, border type, and which parts of the border should show: top, left, right, and bottom:

The screenshot shows the Milestones Professional software interface. The top menu bar includes File, Connections, Edit, Dates, Insert, Layout, Format, View, Tools, Selection, and Help. The left sidebar contains icons for Deselect, Switch to Selected Task, and other functions. The main workspace displays a Gantt chart titled "School Construction Schedule Comprehensive Facility Master Plan - Proposed Workplan". The chart shows various tasks and milestones across the months of 2020, from March to December. A cell in the chart is highlighted with a thick red border, and the text "Hard Stuff" is written vertically inside it. The right sidebar contains the Cell Border control, which allows users to set the border color, line type, and which parts of the border should show (top, left, right, bottom). The Cell Border control is circled in red.

Work Element	2020											
	March	April	May	June	July	August	September	October	November	December		
Reviews		4/10 Data Collection	5/9 Curriculum Interviews	6/4 Fill Attributes	7/7 Curriculum Program Existing Conditions		8/27 Fill Progress Review	9/26 Campus Planning Progress Review	11/5 Bldg Needs WP Pre-Final	12/20 Final Report Presentation to Board		
Strategic Plan	3/13 Curriculum Recommendations											
Space Utilization	3/13 Survey			5/28 Land Use	6/27 Existing Conditions Survey							
	3/13 Collect Current Data			5/28 Attributes								

Allow Cell Text to Overflow Cells

You can click on any cell any set the new option that allows text to overflow its cell:

The screenshot shows the Milestones Professional software interface. The 'Cell Text Settings' panel is open, and two options are circled in red: 'Allow Text to Overflow from Cell' (checked) and 'Hide Right Grid' (checked). The main workspace displays a 'School Construction Schedule' table for the year 2020. The table has columns for months (Mar, Apr, May, Jun, Jul, Aug, Sep, Oct) and rows for 'Work Element' and 'Start Date'. The first row of the table has the text 'These are the left columns This text is spread across 3 columns' in the 'Work Element' column, which is circled in red. The 'Start Date' column shows '4/10/20' for the first row and '3/17/20' for the second row. The 'Work Element' column also has a green cell with 'Reviews' and a pink cell with 'Strategic Plan'.

		2020								
	Work Element	Start Date	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
	These are the left columns This text is spread across 3 columns									
	Reviews	4/10/20		4/10 Data Colle 5/9	Curricul Interview 6/4	FM Attributes 7/7	Curriculum Program Existing Conditions 8/27	FM Progre Review 9/26	Campus Planni Progress Review	
	Strategic Plan	3/17/20	3/17	Curriculum Recommendations						

There are two new controls used with this feature. The first checkbox (circled above) “**Allow Text to Overflow from Cell**” tells Milestones to ignore the cell boundaries when displaying the text.

The other option “**Hide Right Grid**” (also circled above) tells Milestones to not draw the right side column boundary of a cell.

In the example above, in the first row, the middle cell has the “Allow Text to Overflow from Cell” is set.

In the example above, in the first row, the leftmost and middle cell have the “Hide Right Grid” options set.

In the example above, the option to center text is set. The text will be centered on the cell in which the text is entered. The text will not be wrapped unless it goes beyond 11 times the width of its cell.

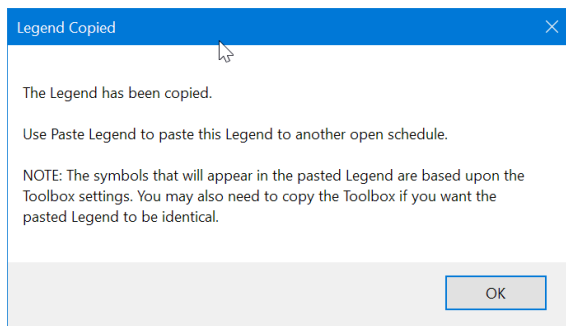
If the text is left justified, it aligns at the left border of the cell in which it is entered. The text will not be wrapped unless it goes beyond 11 times the width of its cell.

If the text is right justified, it aligns on the right border of the cell in which it is entered. The text will not be wrapped unless it goes beyond 11 times the width of its cell.

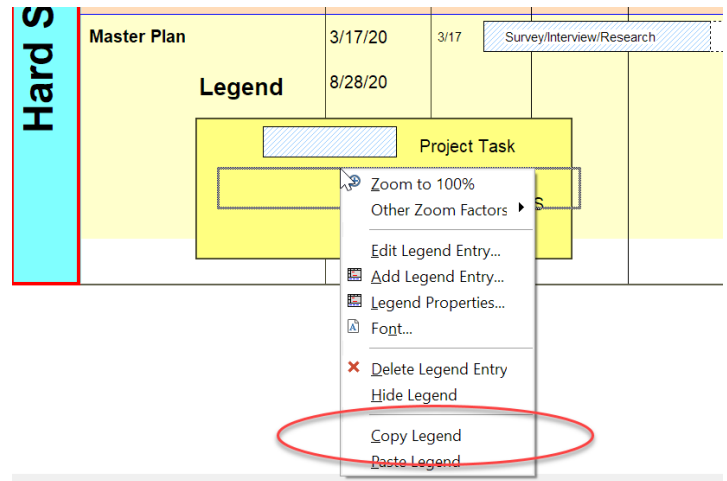
Copy and Paste Legend

You right-click on the Legend Area and select Copy Legend:

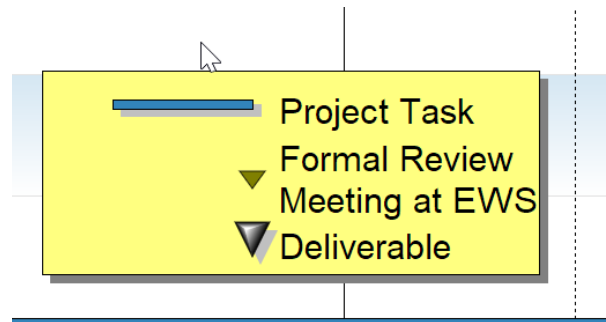
When the Legend is copied, a dialog box appears explaining how to paste the legend and the effects of the Toolbox settings, i.e., you are warned that symbols and connectors are pulled from the current Toolbox and that it may be necessary to also copy/paste the Toolbox to ensure that the symbols and connectors are the same when pasted.



Note in this example, the Toolbox was not copied so the symbols and connectors are different, but everything else is the same.



To paste the Legend, you right click in the Legend area on the target schedule (which must be open in the same session) and select Paste Legend:



Blank Individual SmartColumn Cells

You can now select individual cells and have the SmartColumn data blanked out. In prior versions you could only blank an entire row.

School Construction Schedule
Comprehensive Facility Master Plan - Proposed Workplan

Work Element	Start Date	2020												Dur.	Used Dur.
		Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec				
These are the left columns This text is spread across 3 columns		3/17									12/2		1504d	0d	
Reviews	4/10/20		4/10 Data Col	5/9 Curriculum Interview	6/4 FM Attributes	7/7 Curriculum Program Existing Conditions	8/27 FM Program Review	9/26 Campus Planner Progress Review	11/5 Bldg New MP Pres	12/2 Final Report Presentation to Board				0d	
Strategic Plan	3/17/20	3/17	Curriculum Recommendations										194d	0d	

You can still blank an entire row, but now have the additional cell by cell control. Note that the blanking of an entire row overrides any individual settings.

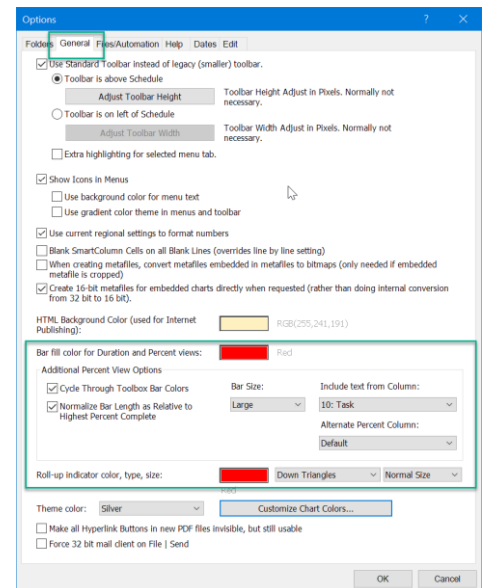
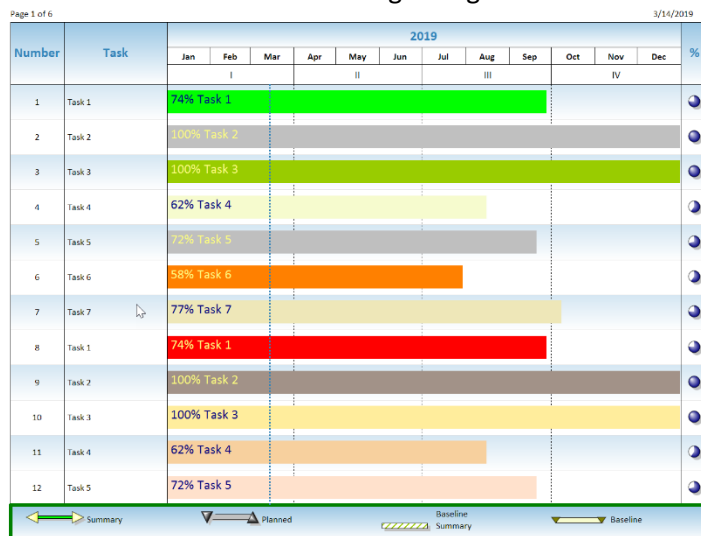
Improved Percent Complete View

In prior versions the percent complete view replaced the schedule area in each row with a bar showing the percent complete from 0 to 100. The bar size was based upon the symbol size. The embedded text used the symbol font and size but was always black:



In version 2019, there are extra controls under Tools | Program Options | General, that let you control the bar size, add in task name, vary the bar colors by cycling through the ToolBox bar colors, and normalize the bar length based upon the largest percent complete. You can also specify an alternate column from which to pull percent complete values. The color of the symbol text is also respected and will invert if its visibility is hampered by the current bar color of the row:

The view as a result of the setting changes is shown below:



New Legend Border Options

You can now alter the border of the Legend. By default, the Legend always uses the current schedule frame line width and color. Using the new options, you can leave the Legend border at its default settings or alter the border. This option is most useful when the Legend is floating, but the settings are also respected when the Legend is in its normal attached position at the bottom of the schedule. The settings are in the Full Legend Selection Toolbar:

Milestones Professional - [TestPercentView.mlg]

File Connections Edit Dates Insert Layout Format View Tools **Selection** Help

Current Object: Legend

Legend Height: 0.5 Apply Legend Height Changes

Legend Symbol Size Override: (none) Entries per Row: 1 Show Legend Text Under Symbols

☒ Floating Legend (Use mouse to move and adjust size)

Limit the Floating Legend to just the following pages (e.g. 1,2,3):

Legend Size and Frame Settings

Alternate Border for Legend: 28

☒ Frame Legend ☐ Draw Shadow

☐ Leave Gap between Chart and Legend

Shadow Color: Small

Background Color: Reset

Special Effects: Fade to Bottom

Target Color: Reset

Text Style: Calibri Legend Text Color: Reset

Page 1 of 6 3/14/2019

Number	Task	2019												%
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
1	Task 1	23												
2	Task 2	24												
3	Task 3	10												
4	Task 4	10												
5	Task 5	7												
6	Task 6	9												
7	Task 7	13												

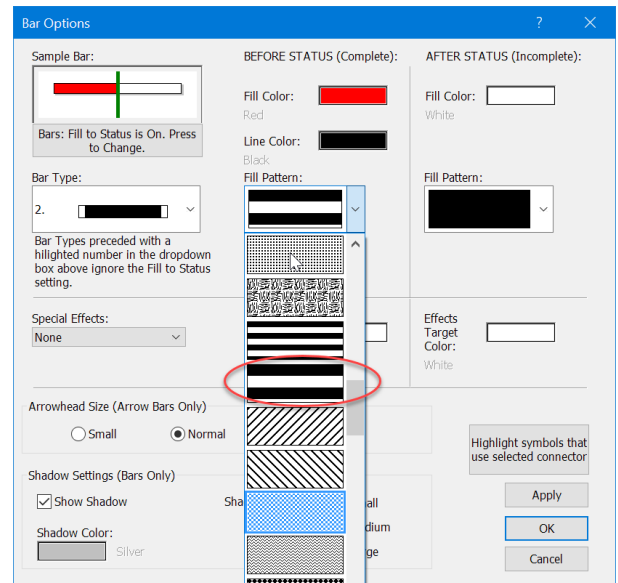
Legend:

- Summary
- Planned
- Baseline Summary
- Baseline

The very first line type option in the Alternate Border dropdown is "Default", which uses the traditional Legend border. If Default is selected, then the alternate border color is ignored.

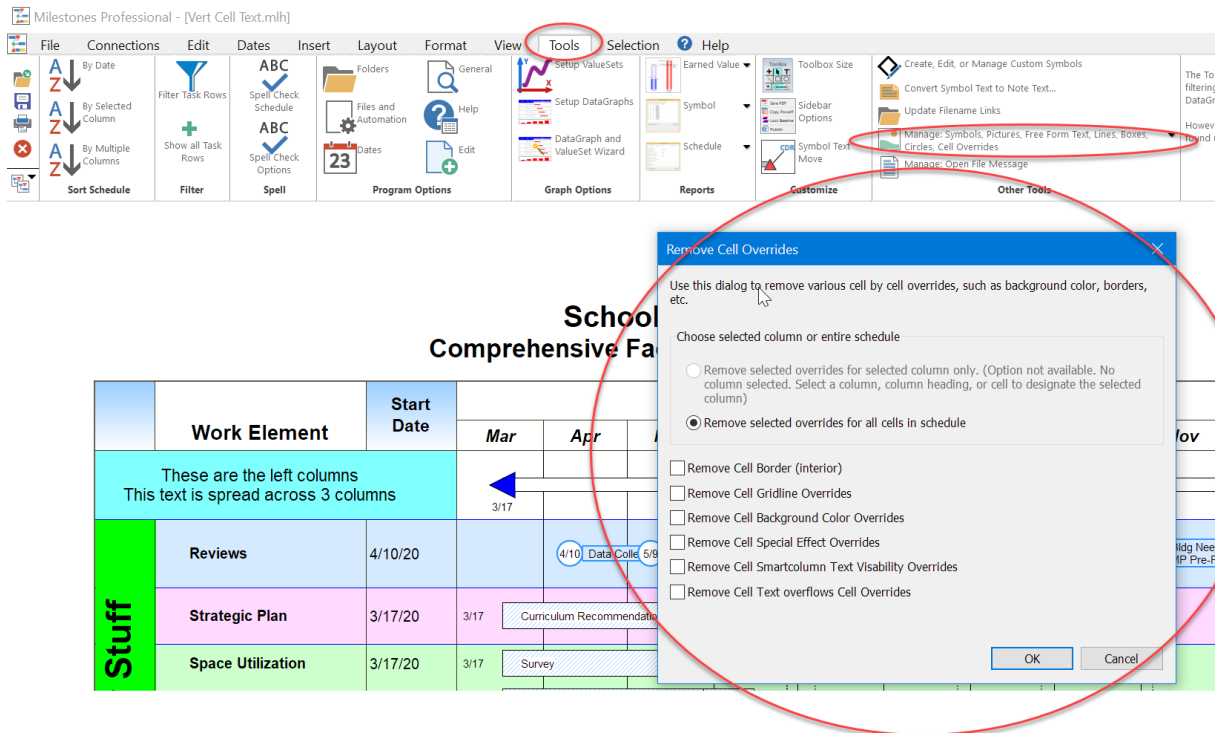
Fill Pattern Selection Box for Connector Made Larger

The pattern selection for connector bars has been made larger to make it more difficult to select a pattern when you intended to select a solid fill:



Removal of Various Cell by Cell Overrides

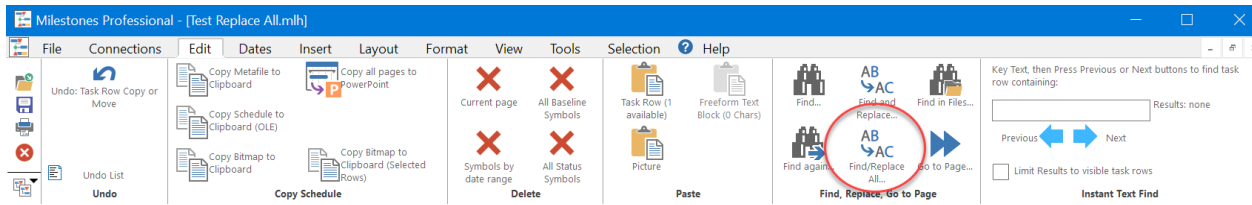
In the Tools menu, you can now select an option that lets you remove various cell by cell overrides for either the current column or the entire schedule:



For the column-only override option to be active you must select either a column heading, column, or column cell in order to specify the column.

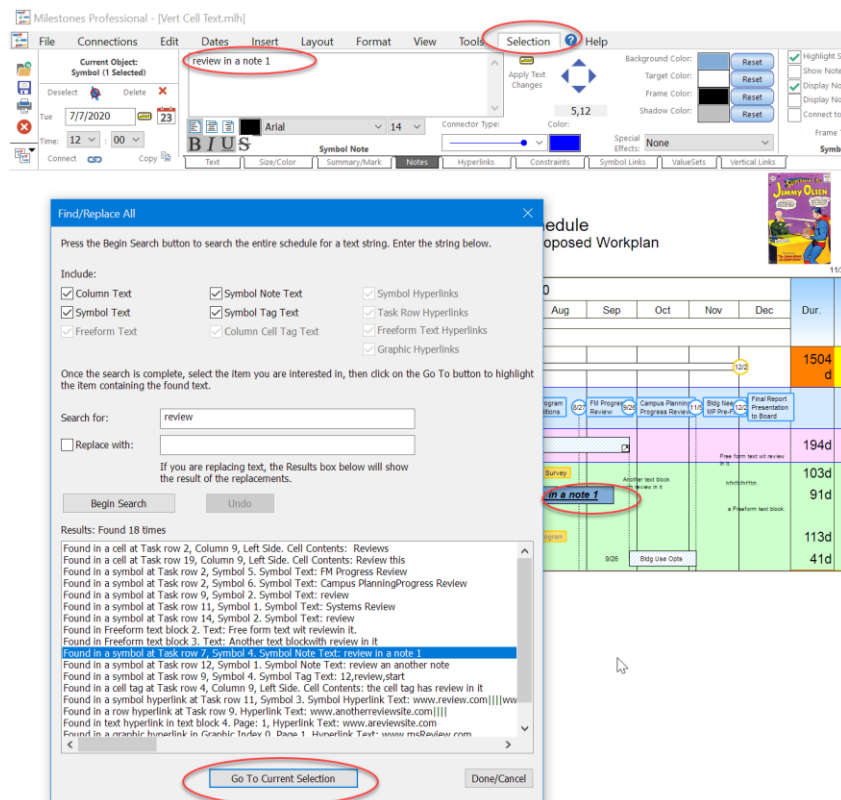
Find/Replace All Feature added to Edit Menu

The new Find/Replace All button in the edit menu lets you find all occurrences of a text string and have the results displayed in a dialog box:



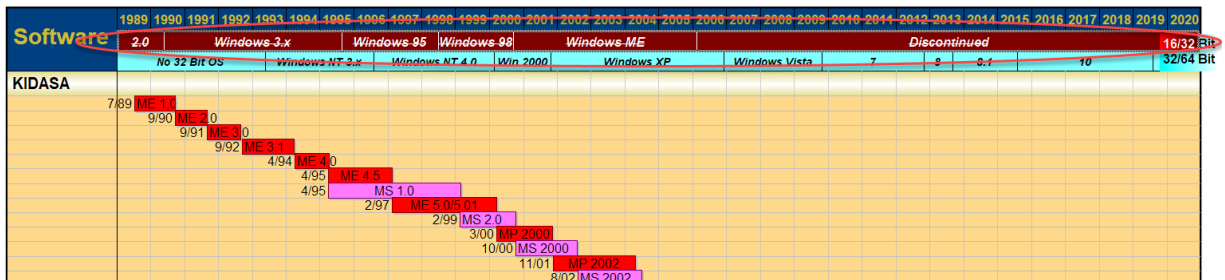
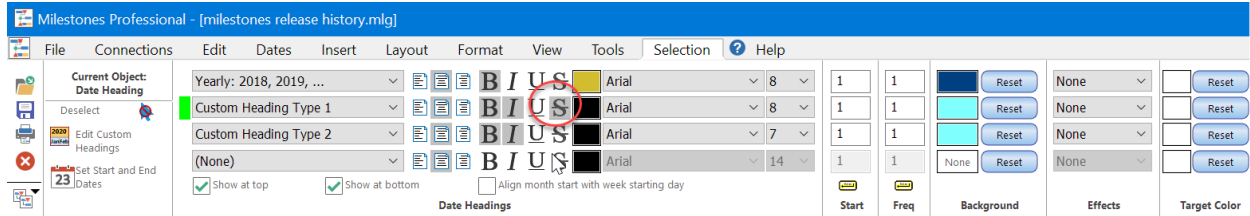
The dialog box lets you enter the string, then search for it or Search/Replace if the Replace with: box is checked, and then, once the results are displayed, you can select any result and press the Go To Current Selection button. If you selected Replace, you can Undo the changes made while in the Search/Replace dialog by pressing the Undo button (if you have the Multi-Undo feature active undo Tools Program Options | Edit).

When you go to the current selection, the object is selected and the Toolbar changes to display the item, as if you had clicked on it with the mouse:



Strikeout Text Attribute Added to all Text Setting Menus

Everyplace you can set bold, italic, and underline now lets you also set strikeout:

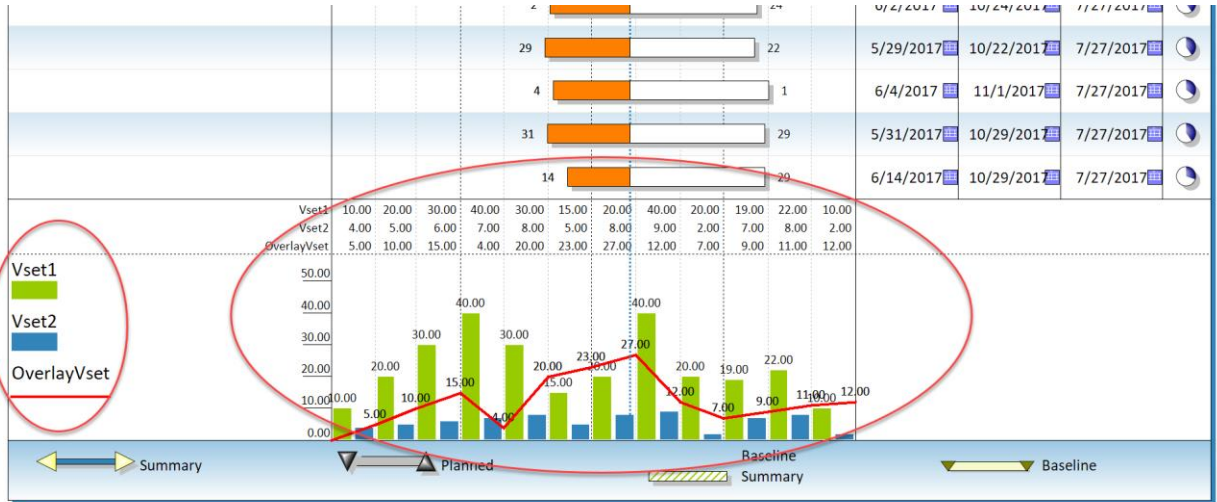


The icon is an S with a line through it: ~~S~~.

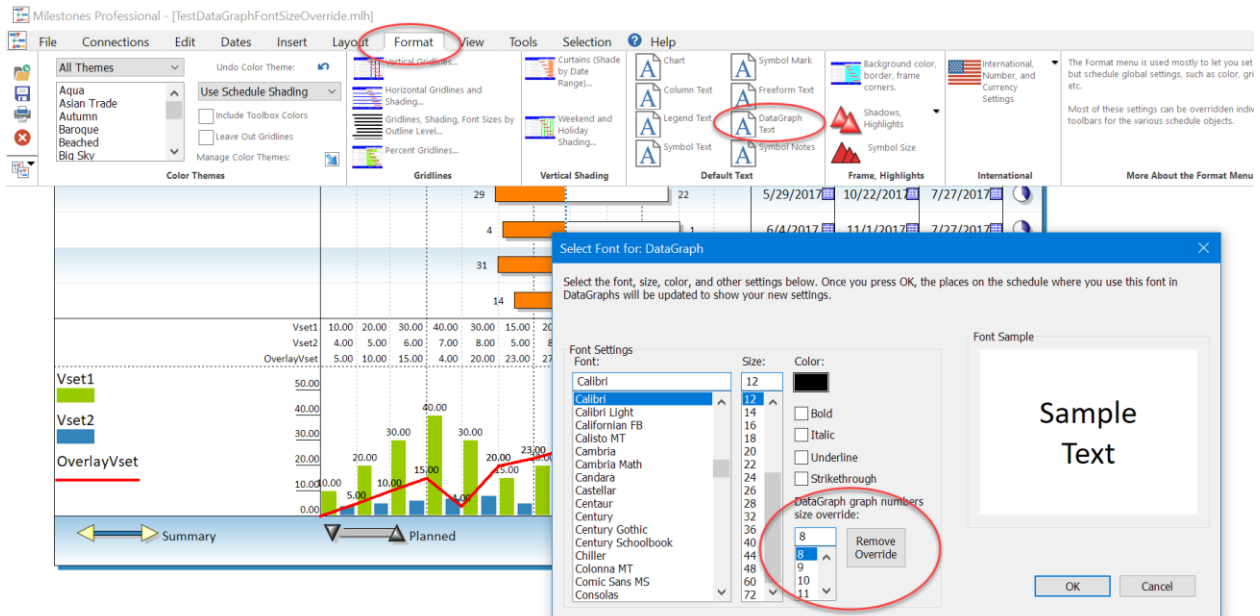
Note that, like with all other Milestones text settings, the strikeout applies to the entire text block, not just individual characters, so its utility may be somewhat limited. But we have had a few users ask for it over the years.

DataGraph Alternate Font Size for Graph Section

It is now possible for an alternate font size to be used in graph section of a DataGraph. This is useful if you want the Legend part of the DataGraph to use a different font size:

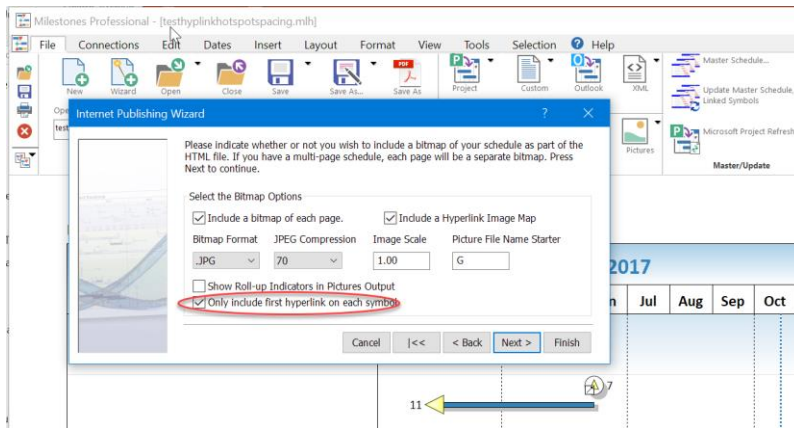


The setting is made using DataGraph Text setting in the Format menu:



Symbol Hyperlink Hotspot Improvements

In PDF files, the symbol hyperlink is now nearly twice as large. In HTML files, you can now specify that only the first hyperlink is to be included in the symbol hotspot.



All will still be listed if that option is turned on.

New Symbol Report: Symbol Type Usage Report

This new report creates a table of symbols found either on the schedule or in a column. It is useful for comparing number of events.

In the sample below the column containing Root Cause is analyzed. The counts and percentages show that most of the causes were related to configuration issues, while only 5 percent of the issues were related to bugs:

SR review - a chronological view
Page 1 of 4

SEV	SR#	Product	2015	2016	2017	Dur.	Sub Status	Root Cause
Sev 2	3-10874877441					75d	Resolved with Solution	data refresh
Sev 3	3-10880677001					50d	Customer Abandoned	undetermined
Sev 2	3-10923512861					86d	Resolved with Solution	configuration
Sev 2	3-10934236451					14d	No fault found	undetermined
Sev 1	3-10980370831					125d	Resolved with Solution	configuration
Sev 3	3-11123613341					2d	Resolved with Solution	upgrade
Sev 1	3-11340475341					2d	No fault found	service interruption
Sev 3	3-11586756971					7d	Resolved with Solution	patching
Sev 3	3-11766331861					8d	Resolved with Solution	patching
Sev 1	3-11843024451					53d	Resolved with Solution	configuration
Sev 2	3-11895589611					34d	Resolved with Solution	enhancement
Sev 2	3-12237761871					16d	No fault found	undetermined
Sev 2	3-12294116771					19d	Resolved with Solution	configuration
Sev 3	3-12299641841					27d	Resolved with Solution	patching
Sev 1	3-12464045841					15d	Resolved with Solution	patching
Sev 3	3-12464080231					45d	Resolved with Solution	IT/Operations
Sev 3	3-12464080259					4d	Duplicate	patching
Sev 3	3-12464080294					4d	Duplicate	patching
Sev 1	3-12546222271					32d	Resolved with Solution	defect
Sev 1	3-12558223731					11d	Resolved with Solution	configuration

Symbol Type Usage Report

This report shows the number of symbols counted. Symbols placed on the schedule are counted. Symbols placed on the column are counted.

☐ Include all Symbols in Schedule Area
☒ Include only Symbols from a Column

Select Symbol: Total: Percent: Select Column: 16: Root Cause

Select Symbol	Total	Percent
10	3	4.00%
11	21	28.00%
17	4	5.33%
29	7	9.33%
14	7	9.33%
58	1	1.33%
20	6	8.00%
1		
1		
1		
1		

☒ Percent is based upon total number of included symbols
☐ Percent is based upon total symbols in schedule

OK Cancel

The settings you do in the dialog are remembered so long as you exit the dialog by pressing OK. They are then saved with the file.

Curtains Now can be Shown in DataGraphs

A new option in the Curtains dialog:

Curtain Setup

Curtains are used to provide a background for the indicated date ranges. They are drawn behind all other schedule items, and in the order shown below.

Note that Delete, Move Up, and Move Down have immediate effect.

Current Schedule Start/End dates: 1/1/2017 through 12/31/2017

Start	End	Pattern	Name for Task Row Use
4/1/2017 0:00	5/31/2017 24:00	[Red Pattern]	
10/1/2017 0:00	10/31/2017 24:00	[Yellow Pattern]	

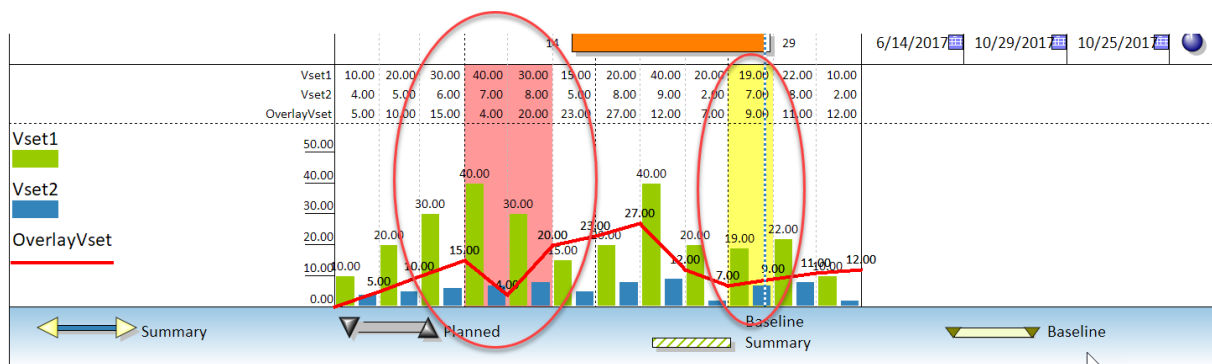
Buttons: Add... Edit... Delete... Move Up Move Down

Options:

- ☒ Do Not Show Curtains
- ☐ Show Curtains in Schedule Area Only
- ☐ Show Curtains in Date Heading Only
- ☐ Show Curtains in Schedule Area and Date Heading
- ☒ Show Curtains over Horizontal Gridlines
- ☒ Show Curtains in DataGraph Area even if Curtains are hidden elsewhere

Done

lets you show curtains in the DataGraph even if you don't show them anywhere else:



New Freeform Text Substitutable Strings

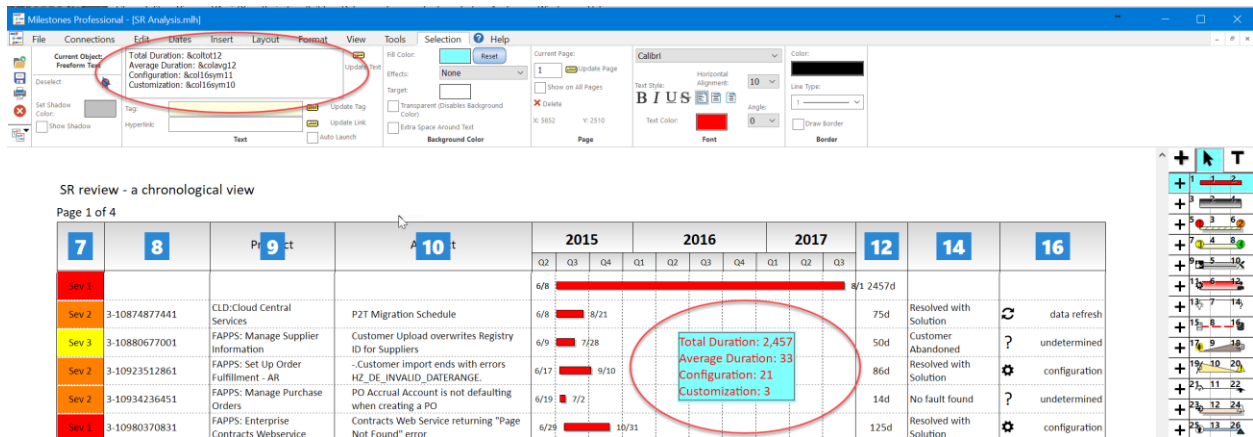
The following substitutable strings have been added to Freeform Text:

&coltotCC, where CC is the column number from 1 to 20. The total of the numbers in the column will be substituted. Note that outlining is respected, so any numbers in a Summary row are ignored.

&colavgCC, where CC is the column number from 1 to 20. The average of the numbers in the column will be substituted. Note that outlining is respected, so any numbers in a Summary row are ignored. Also, any values of zero are ignored to ensure that rows intentionally left blank are ignored. If there are valid values of zero, then the average will not be correct.

&colCCsymSS, where CC is the column number from 1 to 20 and SS in the Toolbox symbol number from 1 to 64. The total number of symbols of Toolbox type SS will be substituted.

An example of the use of these strings is shown below:



Note that the column numbers and symbol numbers are shown.

Feature to Show Symbol Numbers and Connector Numbers in Toolbox Added

You can right click on the Toolbox and select the option to show symbol and connector numbers. This makes it a little easier to figure out a symbol or connector number when you need it to use elsewhere, like in a &symbol command or in a substitutable text string or in an automation program.

The screenshot shows the software interface with a sidebar on the left and a central workspace. The sidebar contains a table with a 'Root Cause' column and a list of items. The central workspace displays a grid of symbols and connectors, each with a number. A right-click context menu is open over the grid, showing various options. The option 'Do Not Show Symbol and Connector Numbers in toolbox' is highlighted with a red circle.

Root Cause
data refresh
undetermined
configuration
undetermined
configuration
upgrade
service interruption
patching
patching
configuration
enhancement
undetermined

Right-click context menu options:

- Hide Toolbox
- Toolbox Properties...
- Copy Toolbox
- Paste Toolbox
- Copy Selected Row
- Paste Copied Row over Selected
- Do Not Show Symbol and Connector Numbers in toolbox
- Sidebar Options...
- Turn off Tooltips

You Can Now Set the Title Border Line Color and Type

By default, the border drawn around the title uses the same line type and color as the frame lines around the schedule. You can now alter these title border lines to whatever color and type you want:

The screenshot shows the Milestones Professional interface with the 'Title Text Settings' panel open. The 'Border Type' is set to 'Width of Schedule' and the 'Border Color Override' is set to red. The 'Line Type' is set to 'Dotted'. The 'Special Effects' dropdown is set to 'Fade to Bottom'. The 'Target Color' is set to 'None'. The 'Background Color' is set to 'None'. The 'Border and Shadow' section shows 'Shadow' set to 'None'.

SR review - a chronological view

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SEV	CD#	Product	Abstract	2015	2016	2017	Dur.
-----	-----	---------	----------	------	------	------	------

By default, no overrides are set:

The screenshot shows the Milestones Professional interface with the 'Title Text Settings' panel open. The 'Border Type' is set to 'No Override' and the 'Border Color Override' is set to 'None'. The 'Line Type' is set to 'No Override'. The 'Special Effects' dropdown is set to 'Fade to Bottom'. The 'Target Color' is set to 'None'. The 'Background Color' is set to 'None'. The 'Border and Shadow' section shows 'Shadow' set to 'None'.

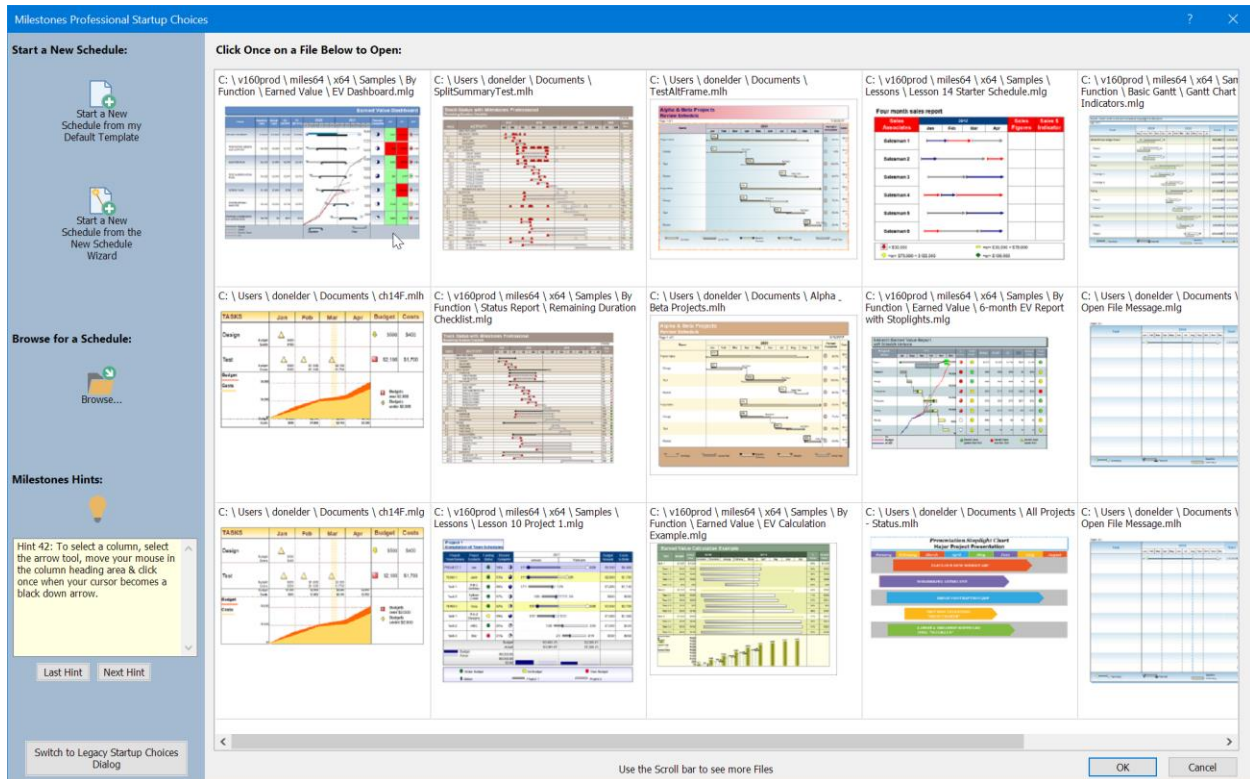
SR review - a chronological view

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SEV	SR#	Product	Abstract	2015	2016	2017	Dur.
-----	-----	---------	----------	------	------	------	------

Improved Startup Choices Dialog

The enhanced Startup Choices dialog now displays a large preview of each accessible Milestones files in the list of 16 possible previously used files:



Only Milestones files are displayed, not MPP files. Any files in the list that cannot be opened, such as deleted files or temp files that were opened as Outlook attachments are also left out. Any files without a Preview image are shown as a Thumbnail image are shown as Milestones icons. See the circled icon in the above image.

Most of the time 3 rows of previews are displayed and you can use the horizontal scroll bar to see all 16 possible previews.

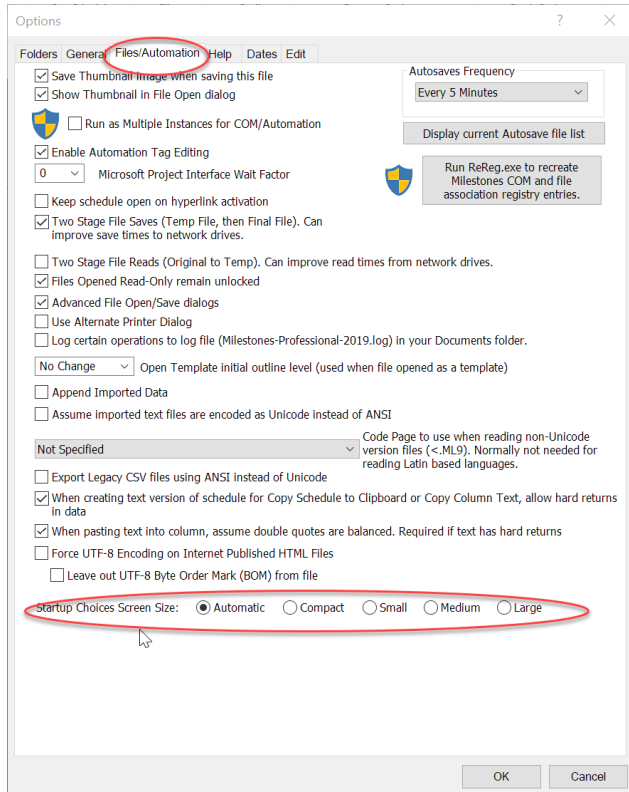
This new Startup dialog does not act the same as the legacy dialog in that it does not let you set permanent Startup choices. If you revert to the legacy dialog you can set a permanent startup choice, such skipping the dialog and then always opening the most recent file, etc.

There is a button in the dialog that lets you revert to the Legacy Startup dialog, which continues to work the same as in prior version of the software. The legacy dialog also has a similar button which lets you revert to the enhanced startup dialog. These legacy vs. enhanced dialog choices are remembered from session to session.

Since this can be a large dialog box, there are multiple possible sizes that are used, depending upon the main screen size of the computer and the current display scale setting. By default, Milestones automatically tries to select the best size to use of the four possible sizes, compact, small, medium, and large.

The compact size is automatically chosen if the height of the main monitor is less than 1080 pixels.

In cases where Milestones is not running on the main monitor, but instead runs on a secondary monitor that may be a different size, you can pick which of the four possible sizes to use in the Tools | Program Options | Files and Automation screen:

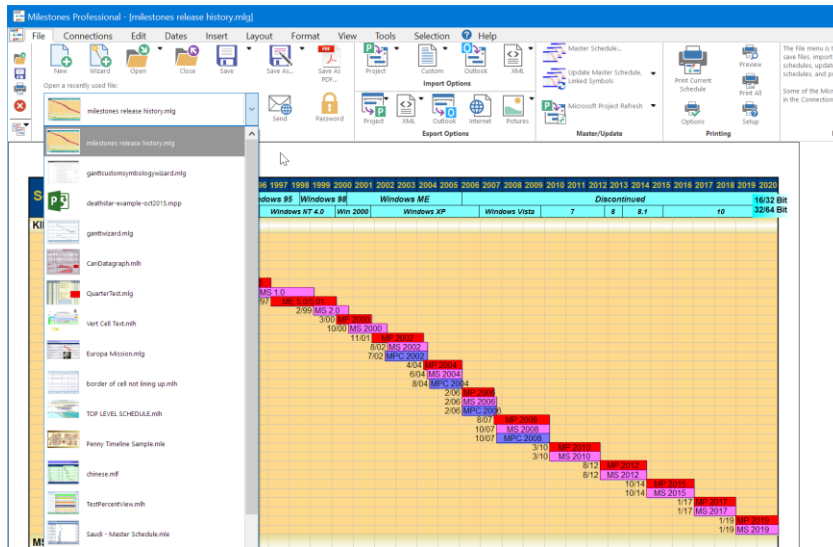


The option selected is remembered and is used from then on, until changed in the same screen.

People uncomfortable with too many choices may also prefer the Compact size screen regardless of monitor size as fewer thumbnails are shown.

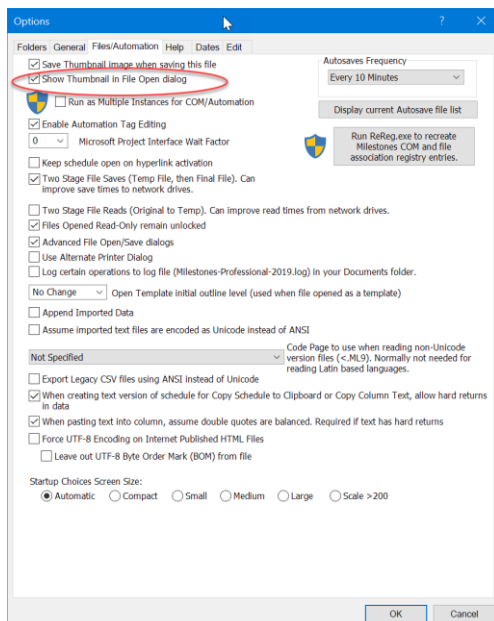
Improved MRU List Display in File Menu

The dropdown display of the most recently used files in the File menu has been improved to include thumbnails of the files (where possible) to make it easier to determine which file to open:



Milestones files which have no thumbnail embedded display a Milestones icon. MS Project files in the list are shown next to an MS Project icon.

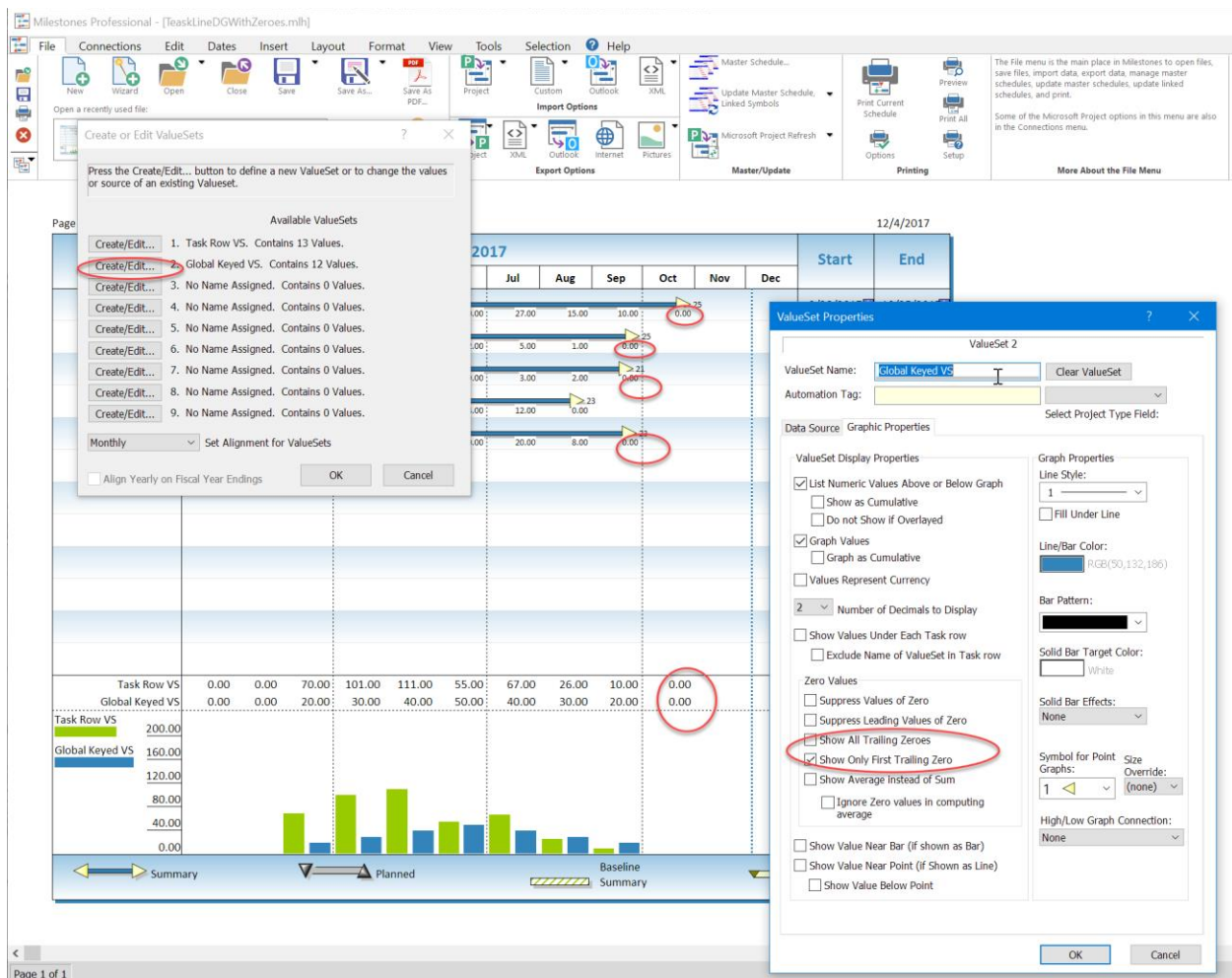
If you wish to show just a list, as in previous versions, you can uncheck the Show Thumbnail in File Dialog option in the Tools | Program Options | Files and Automation screen:



ValueSets have more Zero Value Display Options

By default, any trailing zero values in ValueSets are never displayed. This was done to prevent an unwanted drop to zero for line and point graphs at the end of the data.

However, there are cases where you may wish at least one trailing or all trailing zero values to be displayed. This is done in the ValueSet Properties dialog, Graphic Properties screen, where two new options have been added:



The setting is available for each ValueSet.

New Space Saver Option in Legend

The new Legend Option “Use All Available Space for Single Symbol Entries” causes the text associated with the Legend entry to be moved left if there is room even if other entries cannot be moved.

The screenshot shows the Milestones Professional software interface. The top menu bar includes File, Connections, Edit, Dates, Insert, Layout, Format, View, Tools, Selection, and Help. The 'Connections' menu is open, showing 'Current Object: Legend' and 'Deselect'. The 'Legend Symbol Size Override' is set to '(none)'. The 'Entries per Row' is set to 1. The 'Use All Available Space for Single Symbol Entries' checkbox is checked and highlighted with a red circle. Other options include 'Frame Legend', 'Draw Shadow', 'Leave Gap between Chart and Legend', 'Shadow Color', and 'Alternate Border for Legend'. The 'Legend Size and Frame Settings' section shows 'Default' and 'Apply' buttons.

Below the software interface, a Gantt chart is displayed. The chart has a 'Task' column and a timeline for the year 2018, with months from Jan to Aug. A legend box is overlaid on the chart, containing the following entries:

- Summary Date (represented by a yellow triangle)
- Baseline Summary (represented by a red checkmark and a yellow and black striped bar)
- Planned (represented by a black triangle)
- Baseline (represented by a purple arrow)

Before this option, the text would only be shifted left if all Legend entries just had a single symbol.

Now 2450 Task rows or Symbols can be selected – Up from 450

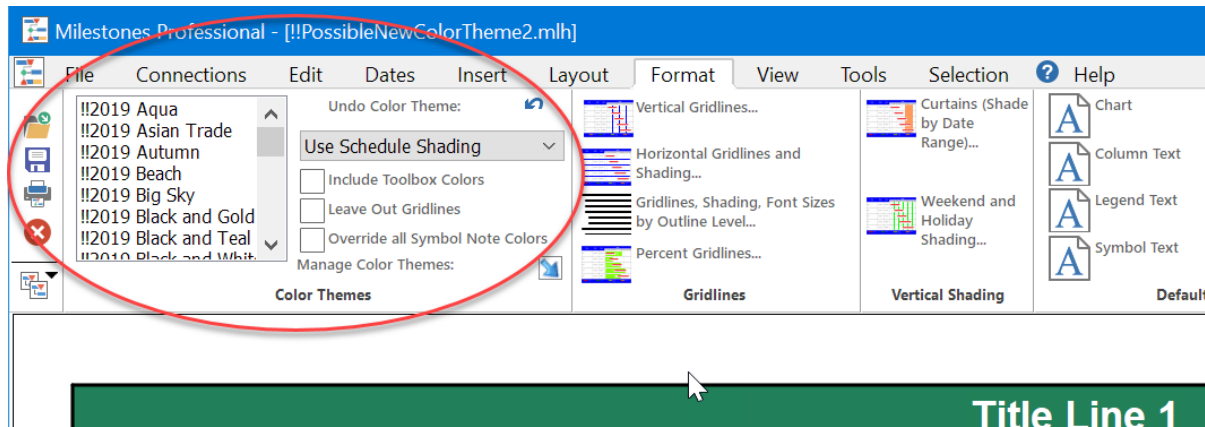
In the past only 450 task rows or symbols could be selected at the same time. Now the limit is 2450. This is useful when using the Select all Symbols of the same type feature, or when lots of task rows need to be selected at the same time.

Color Theme Changes

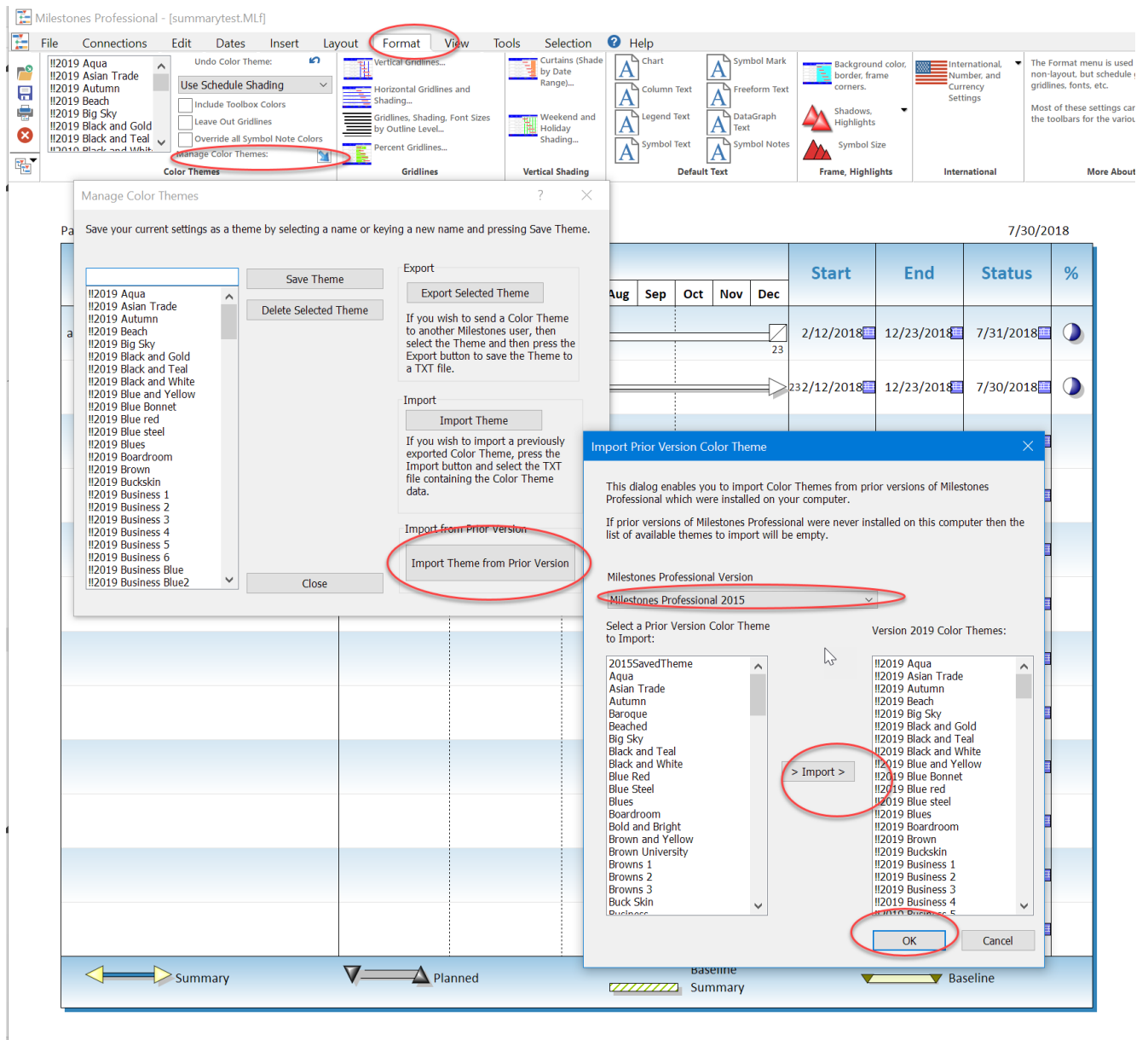
Categories for Color Themes removed. Now all Color Themes are listed alphabetically. If the “Aqua” theme is missing, then all themes will be replaced with the default set which comes with Milestones Professional (the “ColorThemes2019.txt” file in the Milestone system folder).

Symbol Note default colors now saved with theme and new checkbox added to allow all notes to get new color from theme.

Frame color for title and legend now part of theme.

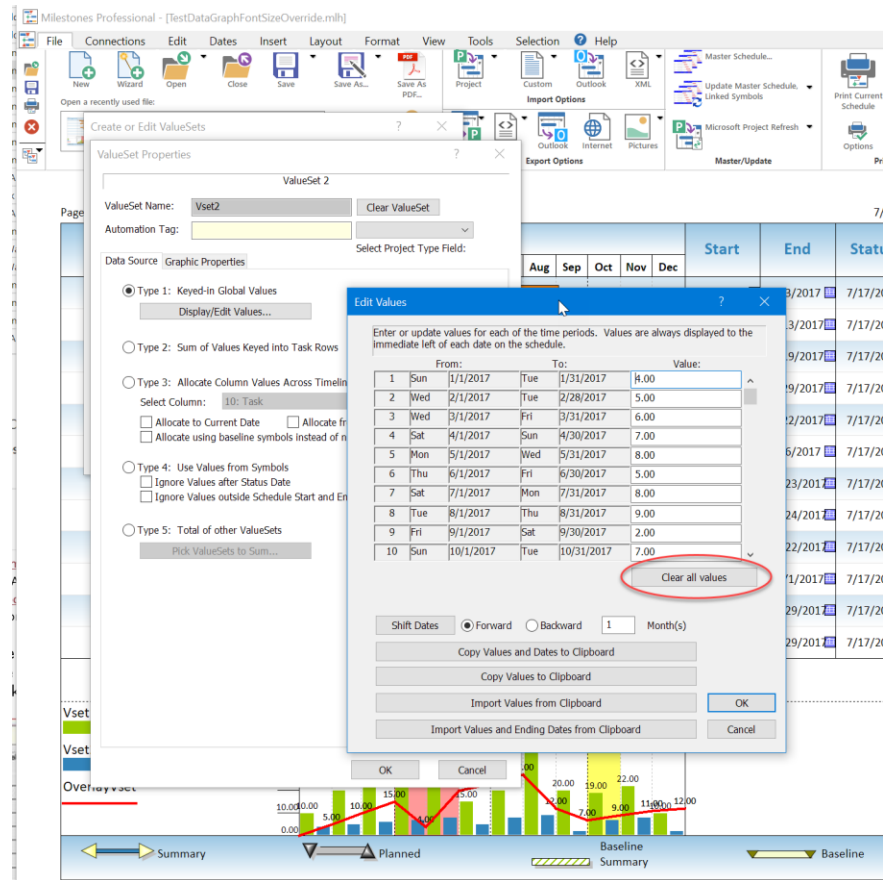


You can now import color themes from prior version 2015 and 2017:



Clear Values Added to ValueSet Edit Dialog

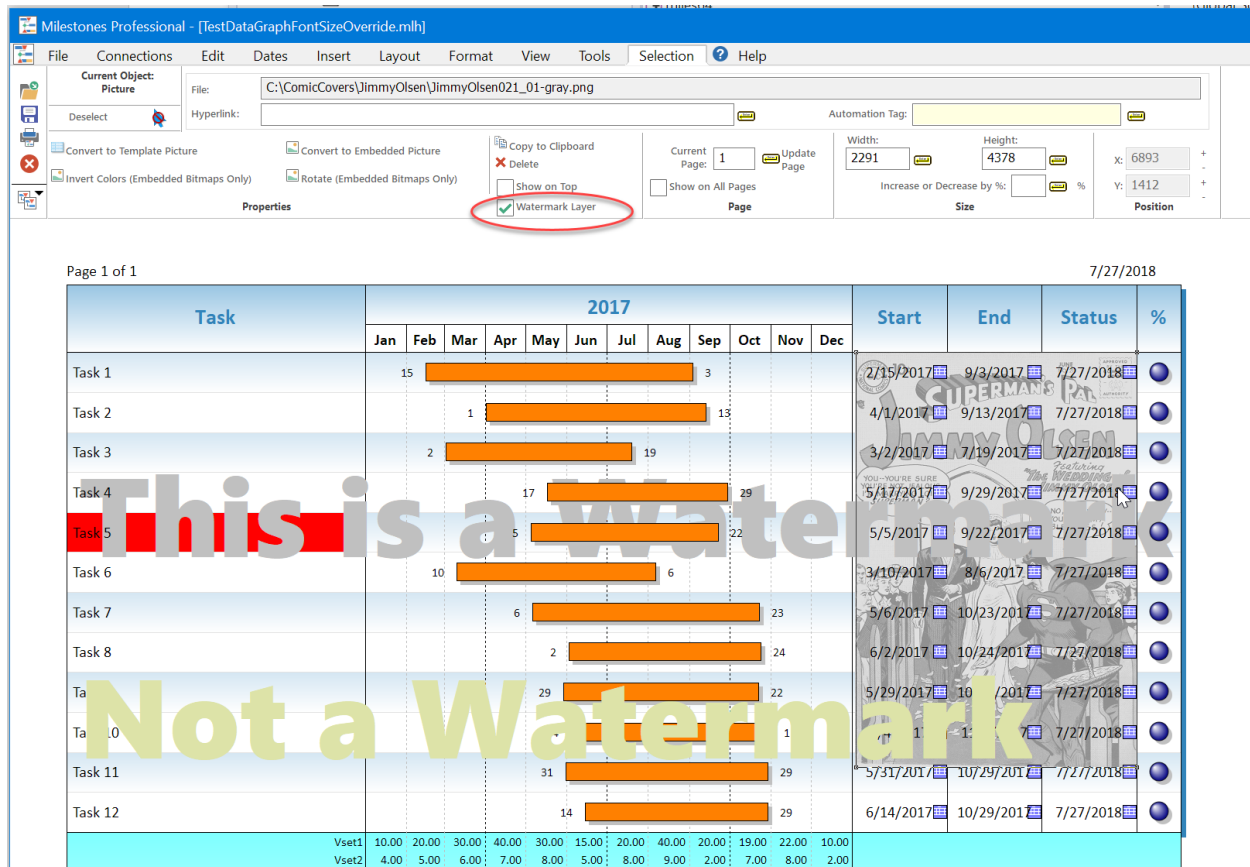
It is now possible to clear the values of an existing ValueSet. If the button is pressed, all values are changed to 0.0:



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Watermark Layer for Freeform Text and Graphics

Freeform Text and Graphics images can now be designated as watermarks. When this flag is set the objects are drawn on top of any grids or shading, but under symbols and bars:



In all cases the text or images to be used in the background should be a light color to avoid obscuring the text, bars, and symbols that lie on top. Light gray is usually a good choice.

Note that the Freeform text watermark layer is on top of the graphic image watermark layer.

Freeform Text Angles of 30 and 45 degrees Added

2019 now supports freeform text at 30 and 45 degrees. Note that background colors and outlines are not displayed when these 2 angles are chosen:

Milestones Professional - [TestDataGraphFontSizeOverride.mlh]

File Connections Edit Dates Insert Layout Format View Tools Selection Help

Current Object: Freeform Text

Fill Color: [Red] Reset

Effects: None

Target: [None]

Transparent (Disables Background Color)

Extra Space Around Text

Watermark Layer

Background Color

Current Page: 1 Update Page

Show on All Pages

Delete

X: 871 Y: 6100

Page

Segoe UI Black

Text Style: B I U S

Horizontal Alignment: 60

Angle: 30: no BG

Color: [Yellow]

Line Type: [12]

Draw

Page 1 of 1

7/31/2018

Task	2017												Start	End	Status	%
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec				
Task 1	15								3				2/15/2017	9/3/2017	7/31/2018	
Task 2		1							13				4/1/2017	9/13/2017	7/31/2018	
Task 3		2							10				3/2/2017	7/19/2017	7/31/2018	
Task 4				17					29				5/17/2017	9/29/2017	7/31/2018	
Task 5				5					22				5/5/2017	9/22/2017	7/31/2018	
Task 6		10						6					3/10/2017	8/6/2017	7/31/2018	
Task 7			6						23				5/6/2017	10/23/2017	7/31/2018	
Task 8				2					24				6/2/2017	10/24/2017	7/31/2018	
Task 9				29					22				5/29/2017	10/22/2017	7/31/2018	
Task 10					4				1				6/4/2017	11/1/2017	7/31/2018	
Task 11					31				29				5/31/2017	10/29/2017	7/31/2018	
Task 12						14			29				6/14/2017	10/29/2017	7/31/2018	
Vset1	10.00	20.00	30.00	40.00	30.00	15.00	20.00	40.00	20.00	19.00	22.00	10.00				
Vset2	4.00	5.00	6.00	7.00	8.00	5.00	8.00	9.00	2.00	7.00	8.00	2.00				
OverlayVset	5.00	10.00	15.00	4.00	20.00	23.00	27.00	12.00	7.00	9.00	11.00	12.00				

New Connector: Type 73

A new non-date sensitive connector has been added. It always has a white dashed line running through the center:

Milestones Professional - [summarytest.MLh]

File Connections Edit Dates Insert Layout Format View Tools Selection ? Help

Current Object: Task Row

Deselect Switch to Selected Cell

Text Style: **B I U S** Reset Set Text Color: None Reset Text Size: 10 Reset Outline Level: 1 Reset

Alignment: Row Height Override: None Reset

More Task Row Options: Upper/Lower Symbol Spacing%: Default % of Listed Resource Allocated to task: 100 Reset

Add File... Add URL... Show Hyperlink Icons Cut Copy Paste Cut/Copy Only Visible Rows Cut, Copy, Pas

Page 1 of 1

Task 2018 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

bbbb 12

Bar Options

Sample Bar: Bars: Fill to Status is On. Press to Change.

Bar Type: 73

BEFORE STATUS (Complete): Fill Color: Gray Line Color: Gray Fill Pattern: Line Pattern: 1

AFTER STATUS (Incomplete): Fill Color: White Line Color: White Fill Pattern: Line Pattern: 1

Special Effects: None Effects Target Color: White

Arrowhead Size (Arrow Bars Only): Small Normal Large

Shadow Settings (Bars Only): Show Shadow Shadow Size: Small Medium Large Shadow Color: Silver

Highlight symbols that use selected connector

Apply OK Cancel

Summary Planned Baseline Summary

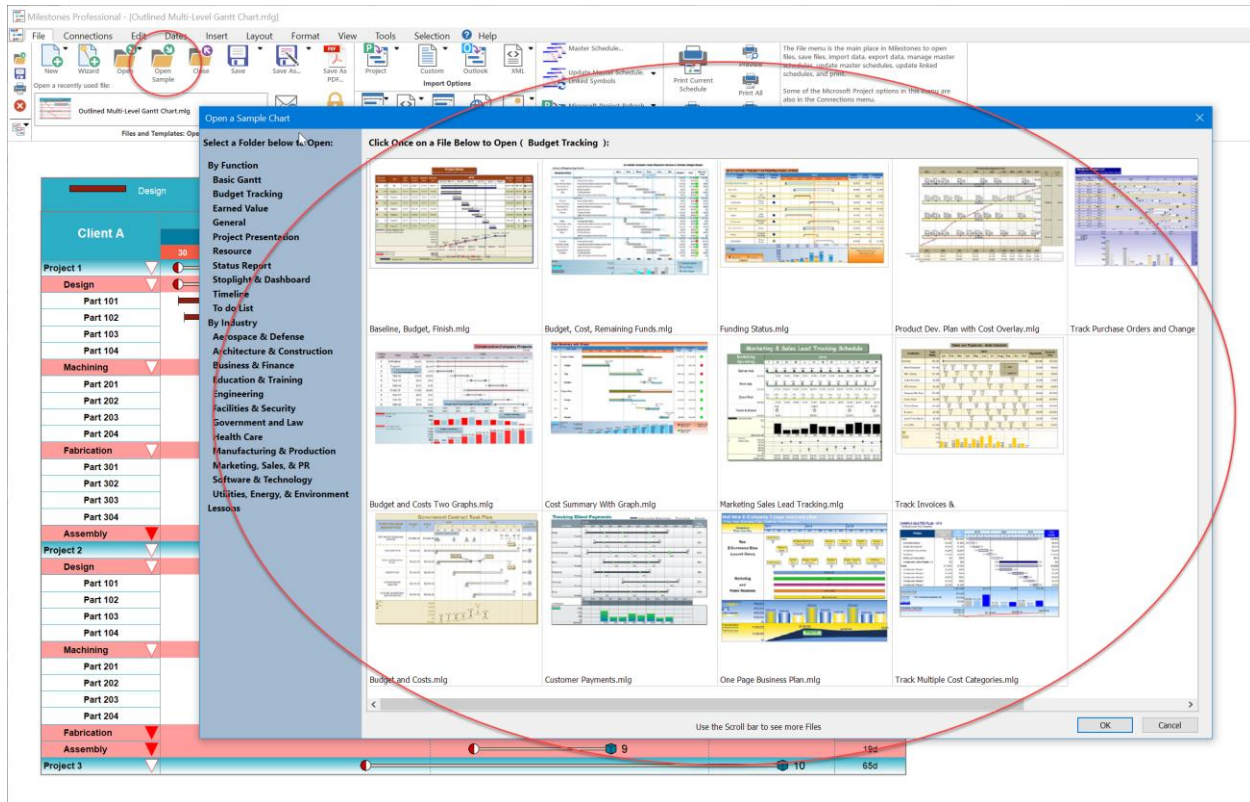
You can now override the vertical link type of any of the 5 links coming from a symbol. You can use any of the 8 link types available in the Toolbox. Note that the override link type retains the color and line type (from Toolbox or Override) as the existing link.



Task	2018												Start	End	Status	%
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec				
													2/5/2018	2/5/2018	8/8/2018	●
													6/24/2018	9/22/2018	8/8/2018	◐
													6/25/2018	11/7/2018	8/8/2018	◐

Improved Open Sample Dialog and Dedicated Toolbar Button

There is now a dedicated Open Sample toolbar button and an improved Open Sample dialog which shows large thumbnails of all the samples in each folder:



In the past the samples were hard to discover since you had to click the down arrow next to the Open button.

Alternate Schedule Border Color and Line Types now Possible

Now you can specify and alternate border color and line type. Instead of just the 4 solid lines you can now choose any of our standard 28 types:

The screenshot displays the Milestones Professional interface with a Gantt chart titled "Alpha & Beta Projects Review Schedule". The chart shows tasks for Project Alpha and Project Beta across the months of January, February, March, and April. Project Alpha tasks include Design (0% to 100%) and Test (100%). Project Beta tasks include Design (76% to 100%), Test (55% to 100%), and Review (20% to 100%).

The "Frame and Background Options" dialog box is open, showing various settings for the schedule's appearance. The "Alternate Line Type and Color" section is highlighted with a red circle, showing a selection of 8 dots and an orange color swatch. Other settings include Background Color (White), Frame Color (RGB(59,46,72)), and Frame Edges and Shadow options.

Name	Jan	Feb	Mar	Apr
Project Alpha	45%			
Design	0%			100%
Test				100%
Review				
Project Beta			56%	
Design			76%	100%
Test			55%	100%
Review			20%	100%

Summary Current Plan Baseline Summary Baseline Critical Task

New Split Summary Bar Option

You can now just show symbols when you pick the Split Summary Bar Option:

Track Status with Milestones Professional
Remaining Duration Checklist

WBS	ACTIVITY	2017			
		Q3	Q4	Q1	Q2
	GREAT NEW GIZMO				
1	PRELIMINARY DESIGN				
1.1	CONCEPT				
1.2	DRAFT SPEC				
1.3	ENGINEERING				
2	DETAIL DESIGN				
2.1	HARDWARE				
2.1.1	CIRCUIT DESIGN				
2.1.2	CHIP SELECTION				
2.2	SOFTWARE				
2.2.1	FLOW CHARTS				
2.2.2	ANALYSIS				
2.2.3	SOFTWARE PROTOTYPE				
2.2.4	MODULE 1 CODING				
2.2.5	MODULE 2 CODING				
2.2.6	MODULE 3 CODING				
2.2.7	MODULE 4 CODING				
2.2.8	SW INTEGRATION				
2.3	INTEGRATE HW AND SW				
3	PROTOTYPE				
3.1	HARDWARE				
3.2	SOFTWARE				
3.3	INTEGRATION				
4	TESTING				
4.1	MODELLING				

Summary Bar Settings

Set the Normal Summary Bar display and calculation options below. For Baseline Summary Bars, please use the Format menu, Baseline Setup... option.

Summary Task Bars

- ☐ Show Summary Duration in Calendar Time
- ☐ Summary Bars Ignore Fill to Status Setting
- ☐ Summary Bars Always Fill to Current Date (If Bars: Fill to Status Date active)
- ☐ Exclude Computed Status Dates in Summary Rows
- ☒ Split Summary Bars using Lower Level Symbols/Bars
- ☒ Show Symbols Only
- ☐ Hide Dates on Rolled up Symbols
- ☐ Hide Text on Rolled up Symbols
- ☒ Compute Rolled-Up Values for Value/Calc SmartColumns
- ☐ Show Schedule Variance Graphically (if SV being computed)

When to Draw

- ☐ Never
- ☐ Only When Rolled Up
- ☒ Always

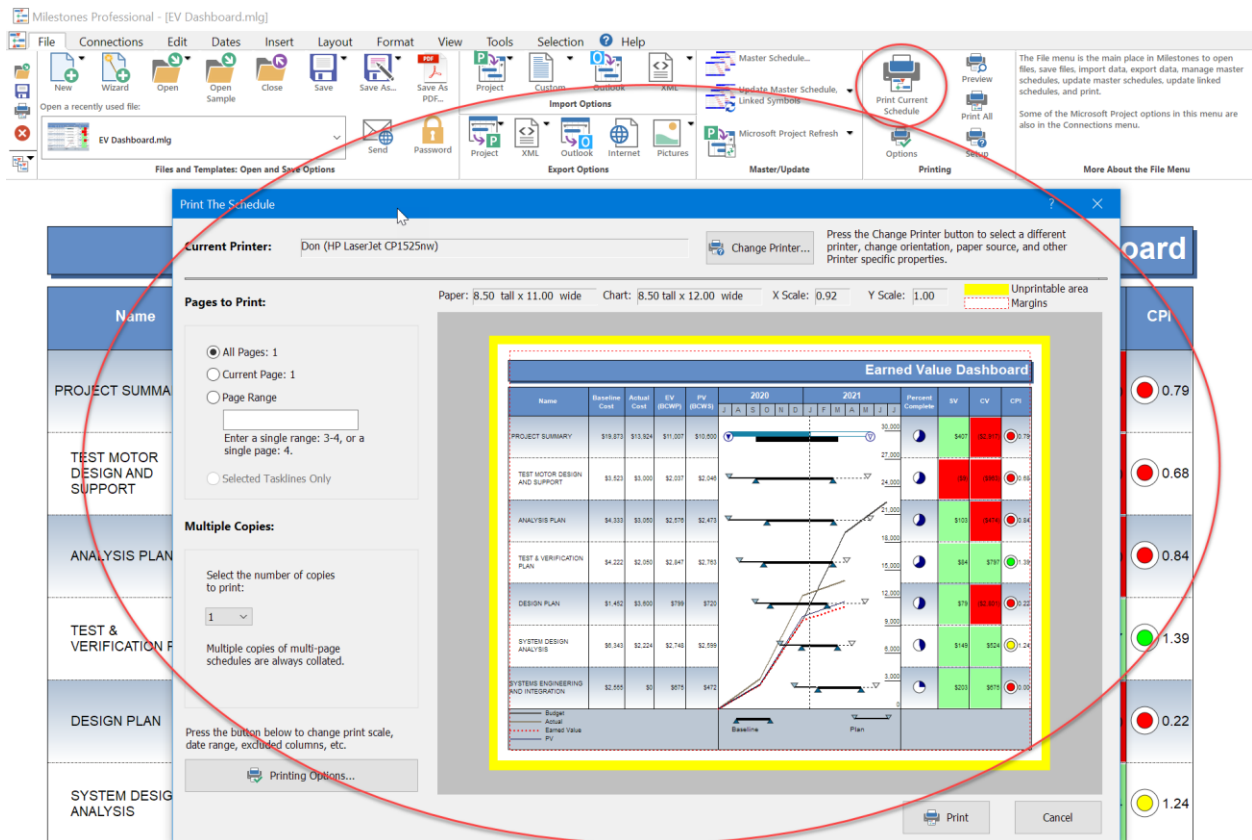
For Normal Summary Bar Symbols and Bars

Starting Symbol: [Symbol] Bar: [Symbol] Ending Symbol: [Symbol]

OK Cancel

Improved Print Screen

The default print screen has been improved to automatically show a preview:



The start a new schedule has been improved to allow easier selection of start-up templates:

ISO Date Formats

The International Standards Organization (ISO) is the group that defined what an ISO week is, i.e. the first ISO week of a year always includes the first Thursday of year. ISO weeks always start on Mondays, and the first week may actually start in the prior year depending upon where the first Thursday of the year falls. All Years have either 52 or 53 ISO weeks.

There is also a date format associated with ISO weeks. In all places in Milestones where you can specify a custom date format, we have added the ability to specify ISO formats ISOA to ISOP (12 formats in all). ISOD, ISOG, ISOM, and ISOO are not used. They do not have to be capitalized when used. See the sample below:

Valid Date Format Entries

NOTE: All Custom Date entries are Case Sensitive.

Use the following to custom format your day, month, and year.

- d Day of month as digits with no leading zero for single-digit days.
- dd Day of month as digits with leading zero for single-digit days.
- ddd Day of week as a three-letter abbreviation. The function uses the LOCALE_SABBREVDAYNAME value associated with the specified locale.
- dddd Day of week as its full name. The function uses the LOCALE_SDAYNAME value associated with the specified locale.
- M Month as digits with no leading zero for single-digit months.
- MM Month as digits with leading zero for single-digit months.
- MMM Month as a three-letter abbreviation. The function uses the LOCALE_SABREVMONTHNAME value associated with the specified locale.
- MMMM Month as its full name. The function uses the LOCALE_SMONTHNAME value associated with the specified locale.
- y Year as last two digits, but with no leading zero for years less than 10.
- yy Year as last two digits, but with leading zero for years less than 10.
- 10 Year represented by full four digits.
- yyyy Period/era string. The function uses the CAL_SERASTRING value associated with the specified locale. This element is ignored if the date to be formatted does not have an associated era or period string.
- gg

Example. To get: Wed, Aug 31 94, use: ddd; MMM dd yy

Note: The month and day names are formatted by Windows using the current regional settings.

The Format | International settings are not used for formatting custom dates.

ISO Formats:

ISOA: 24w35, ISOB: 24w35-6, ISOC: 24w35d6, ISOE: 2024w35, ISOF: 2024w35-6, ISOG: 2024w35d6, ISOL: 24W35, ISOJ: 24W35-6, ISOK: 24W35D6, ISOL: 2024W35, ISON: 2024W35-6, ISOP: 2024W35D6

OK