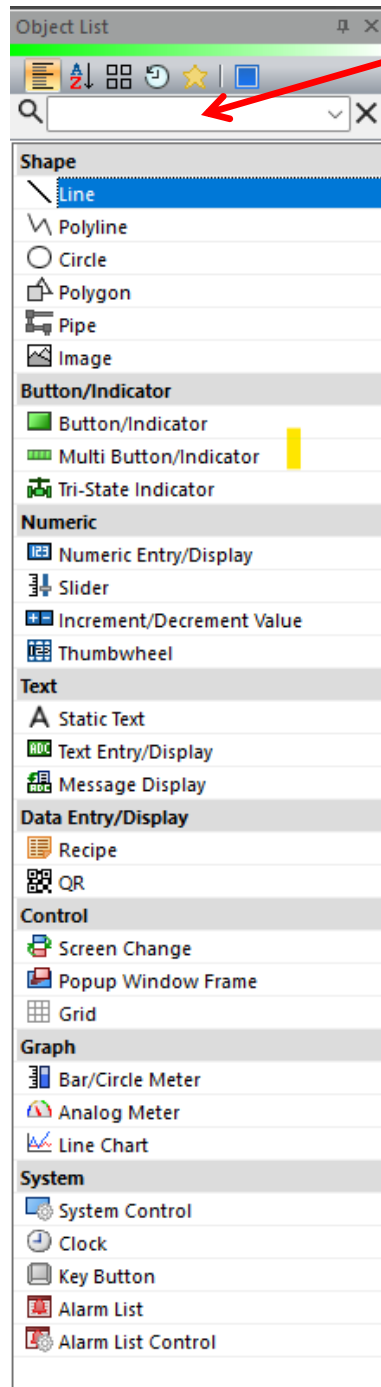


# C-more V9.0 Overview

**Object List** has gotten smaller. Many items have been combined. The search bar is a helpful place to find what you are looking for.



**Line Trend Graph.** You now have the ability to plot discrete data, have a dual Y axes, and trigger on tag change.

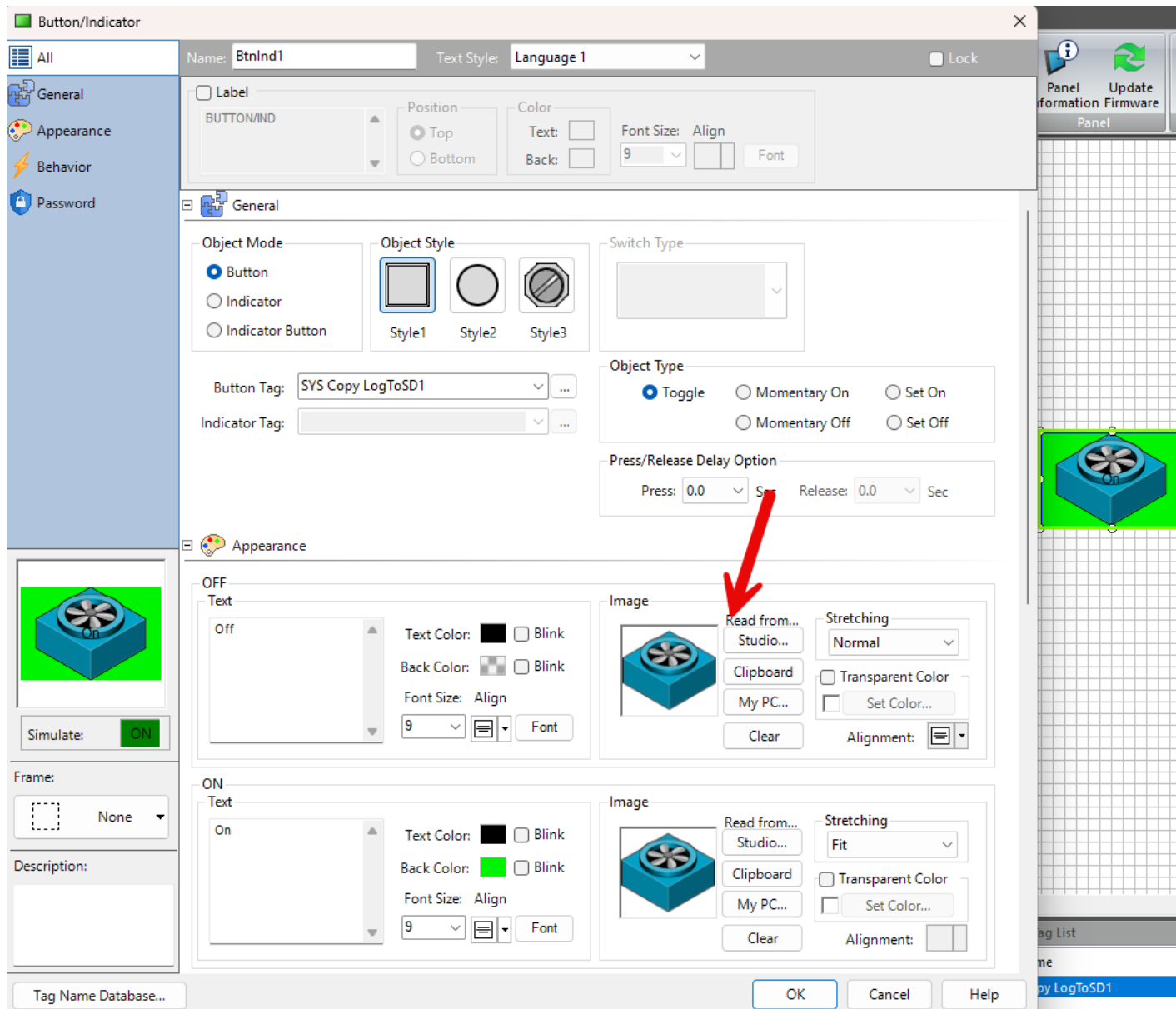
The image shows the configuration interface for a Line Chart. The dialog is titled "Line Chart" and has a name of "LineChart1". It features a sidebar with categories: All, General, XAxis, YAxis, Appearance, and Behavior. The "General" tab is active, showing the following settings:

- Data Source:** Live Data Mode is selected. Sample Rate Interval is 60 Sec. Tag Trigger is selected. Total Stored Points is 100.
- Pen Table:**

No.	Pen Tag	Data Type	2nd Axis	Type	Style	Width	Color	Point	Legends
1	SYS ClockMin	Discrete 10 - ...	<input type="checkbox"/>	Step Line	—	1	Black		SYS ClockMin
2	SYS CountValue	Signed int 32	<input checked="" type="checkbox"/>	Line	—	1	Red		SYS CountValue
3			<input type="checkbox"/>	Line	—	1	Green		

The XAxis configuration shows "Point Base" selected with a value of 100 pt. The "Tag Name Database..." button is visible at the bottom left. The preview window on the right shows a dual-axis graph with two Y-axes (Y-AXIS1 and Y-AXIS2) and an X-axis. The X-axis represents time from 13:03:05 to 13:03:30 on 03-MAR-26. The graph displays two data series: "SYS ClockMin" (black step line) and "SYS CountValue" (red line). The "SYS CountValue" series shows a sawtooth pattern, indicating discrete data points. The "SYS ClockMin" series shows a step function. The graph is controlled by a toolbar with navigation and zooming icons.

**Button/Indicator** is now a combination of Button, indicator, triggered text, switch, and bitmap button. You can add SVG images to any button.



**Multi Button/Indicator** is now a combination of Radio button, step switch, and tristate buttons. You can enable 32 buttons where they have independent functions of each button (toggle, momentary). You can disable certain buttons to create custom looks. Button #5 was unchecked, resulting in it being hidden in the multi button object.

**Tag Assignment**

Set by Discrete Tag  
 Set by Word Tag

Button Tag:  ...

Indicator Tag:  ...

Press/Release Delay Option  
 Press: 0.0 Sec Release: 0.0 Sec  
 Note: Release Delay is only enable when Momentary On/Off.

Batch settings of Button Type:  Apply to Selected

No	☑	Button Tag	Button Type	Information
1	☑	SYS CountMin(Bit0)	Toggle	Disable Release Delay
2	☑	SYS CountMin(Bit1)	Toggle	Disable Release Delay
3	☑	SYS CountMin(Bit2)	Momentary On Momentary Off	Disable Release Delay
4	☑	SYS CountMin(Bit3)	Set On Set Off	Disable Release Delay
5	☐	SYS CountMin(Bit4)	Toggle	Disable Release Delay
6	☑	SYS CountMin(Bit5)	Toggle	Disable Release Delay
7	☑	SYS CountMin(Bit6)	Toggle	Disable Release Delay
8	☑	SYS CountMin(Bit7)	Toggle	Disable Release Delay
9	☑	SYS CountMin(Bit8)	Toggle	Disable Release Delay

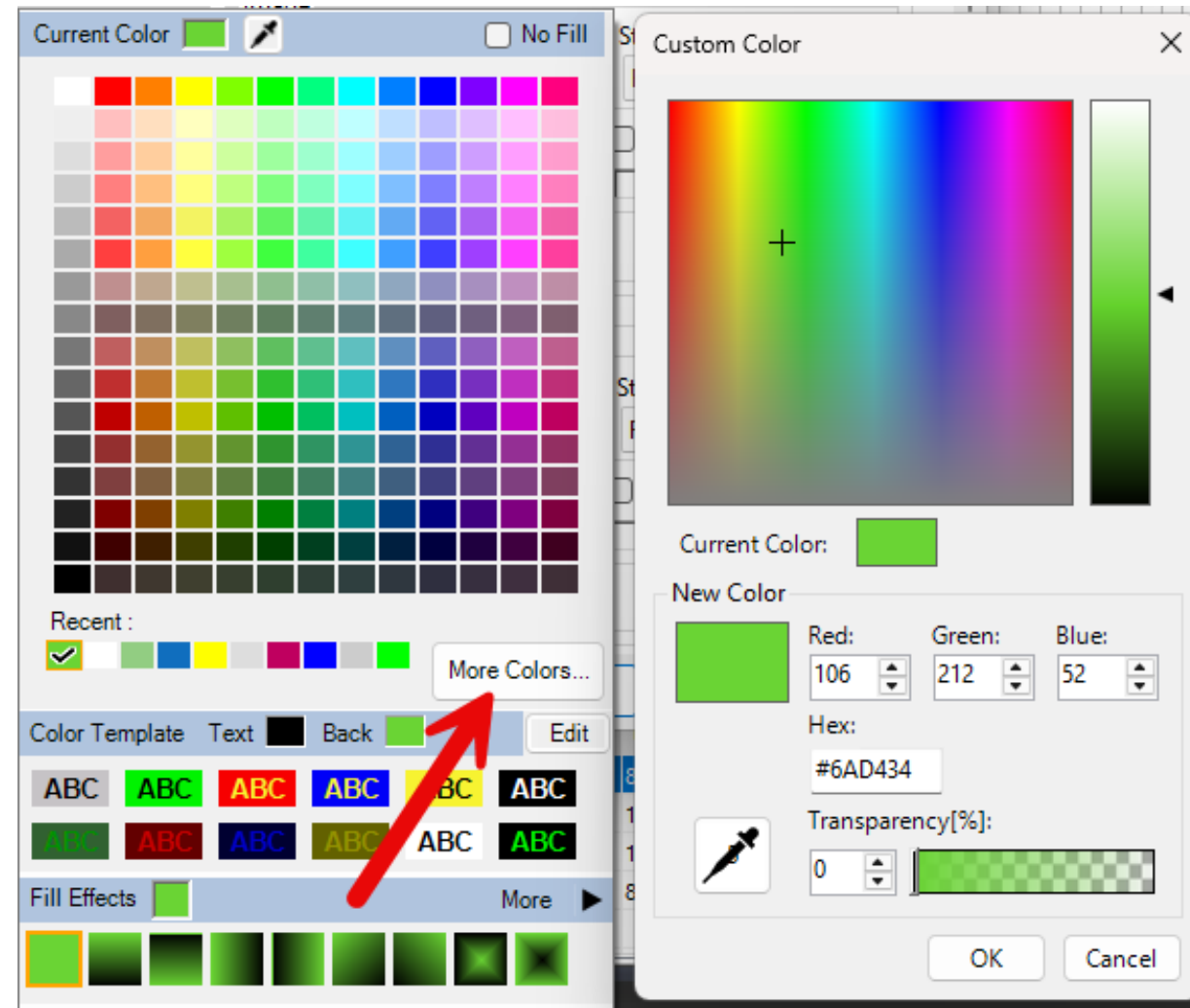
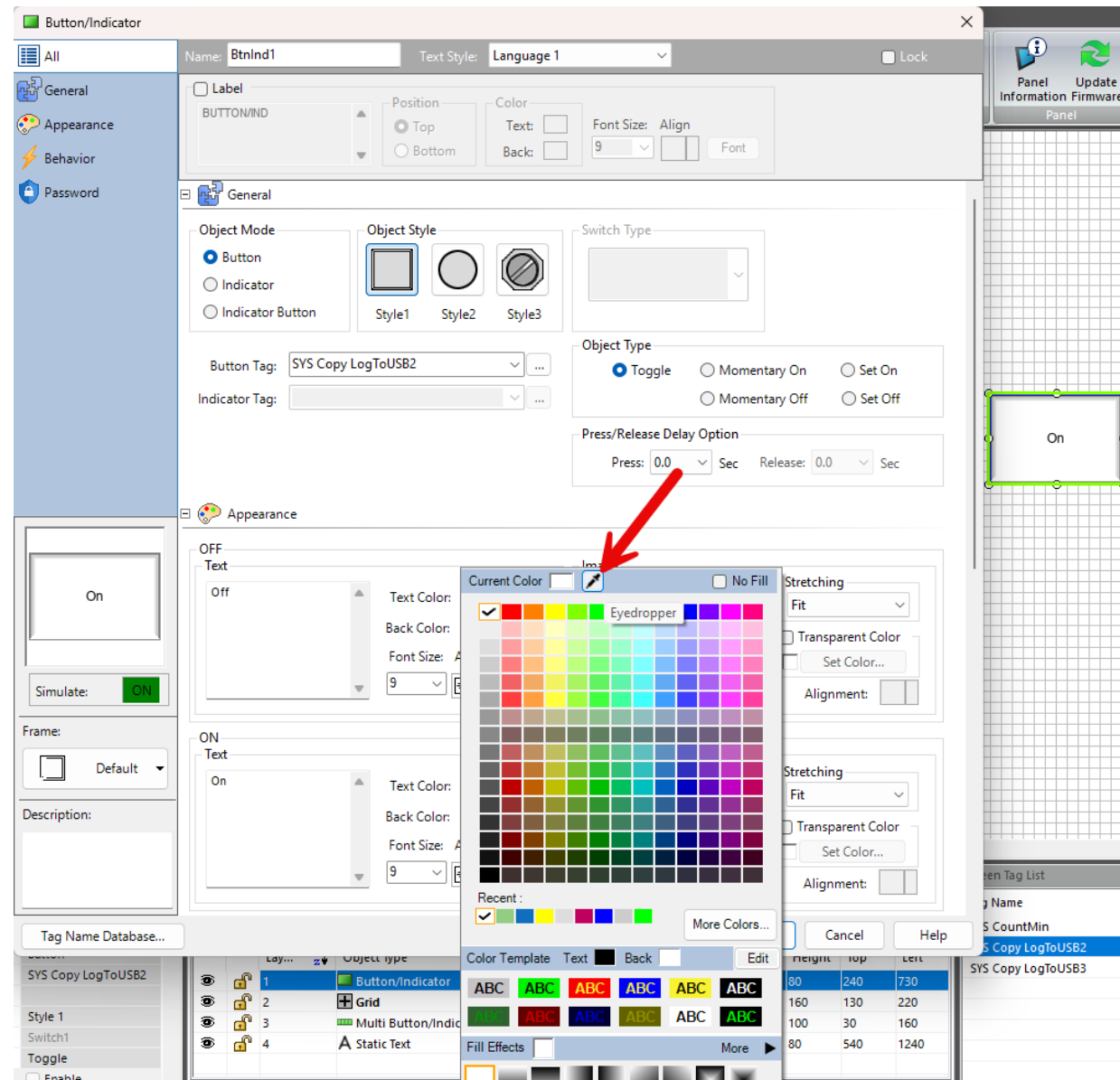
Selected Rows : 1 / 9

On #1     Off #2     Off #3  
 Off #4     Off #5     Off #6  
 Off #7     Off #8     Off #9

Datatype: Signed int 32

Discrete

**Improved color selection.** There is now an eye dropper to select any color on any page that you want. It can go outside of the C-more software and will select colors on a different monitor. Clicking more colors brings up custom color using RGB or Hex as well as transparency. Another note, all objects now support transparency/opacity.



# Data Logging. Sampling rate can be set with a time interval, a trigger, or customizable time.

Data Log Add/Edit

Enable This Log    Name :     No.

       No. of Tags : 2/16

No.	Tag Name	Legend	Option	Used
1	SYS Builtin DRAM TotalMemory	SYS Builtin DR...	...	No
2	SYS Clock200ms	SYS Clock200ms	...	No
-				

### Sample Rate Setup

Time Interval     Trigger Tag     Day & Time

Every   (1-3600)

Enable Logging when True:

### File Configuration

File Creation:     Create every

   at

File Deletion:     After

Save To:    

**⚠ Note : Max. number of files per Log is 999 files per folder in any case.**

### Total Samples

   Estimated Max Size: About 25.00 MB

### Sample Rate Setup

Time Interval     Trigger Tag     Day & Time

Tag Name:

Trigger Type:

Bit State:  ON     OFF

Limits:     Max:     Min:

Enable Logging when True:

### Sample Rate Setup

Time Interval     Trigger Tag     Day & Time

Day:  Everyday

MON     FRI  
 TUE     SAT  
 WED     SUN  
 THU

Time: Start Time:      Repeat

End Time:     Every  Hour  
 Min.

Enable Logging when True:

**Data Logging (cont)** For file configuration there are expanded options. For file configuration you can use one file, a time interval, or a tag. For file deletion you can use duration time, number of files, or a tag.

Data Log Add/Edit

Enable This Log    Name : Log01    No. 1

Add    Delete    No. of Tags : 2/16

No.	Tag Name	Legend	Option	Used
1	SYS Builtin DRAM TotalMemory	SYS Builtin DR...	...	No
2	SYS Clock200ms	SYS Clock200ms	...	No
-				

**Sample Rate Setup**

Time Interval     Trigger Tag     Day & Time

**Day**

Everyday

MON     FRI  
 TUE     SAT  
 WED     SUN  
 THU

**Time**

Start Time: 0:00     Repeat  
End Time: 23:59    Every 0 Hour  
5 Min.

Enable Logging when True:

**File Configuration**

File Creation: Time Interval    Create every 1    Day  
at 0:00

File Deletion: Duration Time    After 365    Day(s)

Save To: SD1    \Log\Log01\Log01\_260310\_1040.csv

Note : Max. number of files per Log is 999 files per folder in any case.

**Total Samples**

65535    Estimated Max Size: About 25.00 MB

Add    Close    Help

**File Configuration**

File Creation: Time Interval    Create every 1    Day  
at 0:00

File Deletion: Duration Time    After 365    Day(s)

Save To: SD1    \Log\Log01\Log01\_260310\_1324.csv

Note : Max. number of files per Log is 999 files per folder in any case.

**File Configuration**

File Creation: Time Interval    Create every 1    Day  
at 0:00

File Deletion: Duration Time    After 365    Day(s)

Save To: SD1    \Log\Log01\Log01\_260310\_1324.csv

Note : Max. number of files per Log is 999 files per folder in any case.

**Data Logging (cont)** If you click on the dots in the option column you get some features to aid in logging. For discrete tags, you can customize the On/Off text. For non-discrete tags, you can change scaling, change data type, and a few other neat things.

No.	Tag Name	Legend	Option	Used
1	SYS Builtin DRAM TotalMemory	SYS Builtin DR...	...	No
2	SYS Clock200ms	SYS Clock200ms	...	No
-				

Logging Tag Option

Discrete Message

ON Text:  
ON

OFF Text:  
OFF

OK Cancel Help

No.	Tag Name	Legend	Option	Used
1	SYS Builtin DRAM TotalMemory	SYS Builtin DR...	...	No
2	SYS Clock200ms	SYS Clock200ms	...	No
-				

Logging Tag Option

Scaling Option

PLC Value	Display Value
Point1: 0	0
Point2: 1	1

Display Format

Data Type: Unsigned Decimal

Number of Digits		Prefix	Suffix
Total: 5	Fractional: 0		01234

Comma Separator

Auto Check

Justify: Leading Zeros

OK Cancel Help

Data Log Add/Edit

Enable This Log Name: Log01

Add Delete No. of Tags: 2/16

No.	Tag Name	Legend	Option	Used
1	SYS Builtin DRAM TotalMemory	SYS Builtin DR...	...	No
2	SYS Clock200ms	SYS Clock200ms	...	No
-				

Sample Rate Setup

Time Interval  Trigger Tag  Day & Time

Every 60 Sec. (1-3600)

Enable Logging when True:

File Configuration

File Creation: Time Interval Create every 1 Day at 0:00

File Deletion: Duration Time After 365 Day(s)

Save To: SD1 \Log\Log01\Log01\_260310\_1359.csv

Note: Max. number of files per Log is 999 files per folder in any case.

Total Samples: 65535 Estimated Max Size: About 25.00 MB

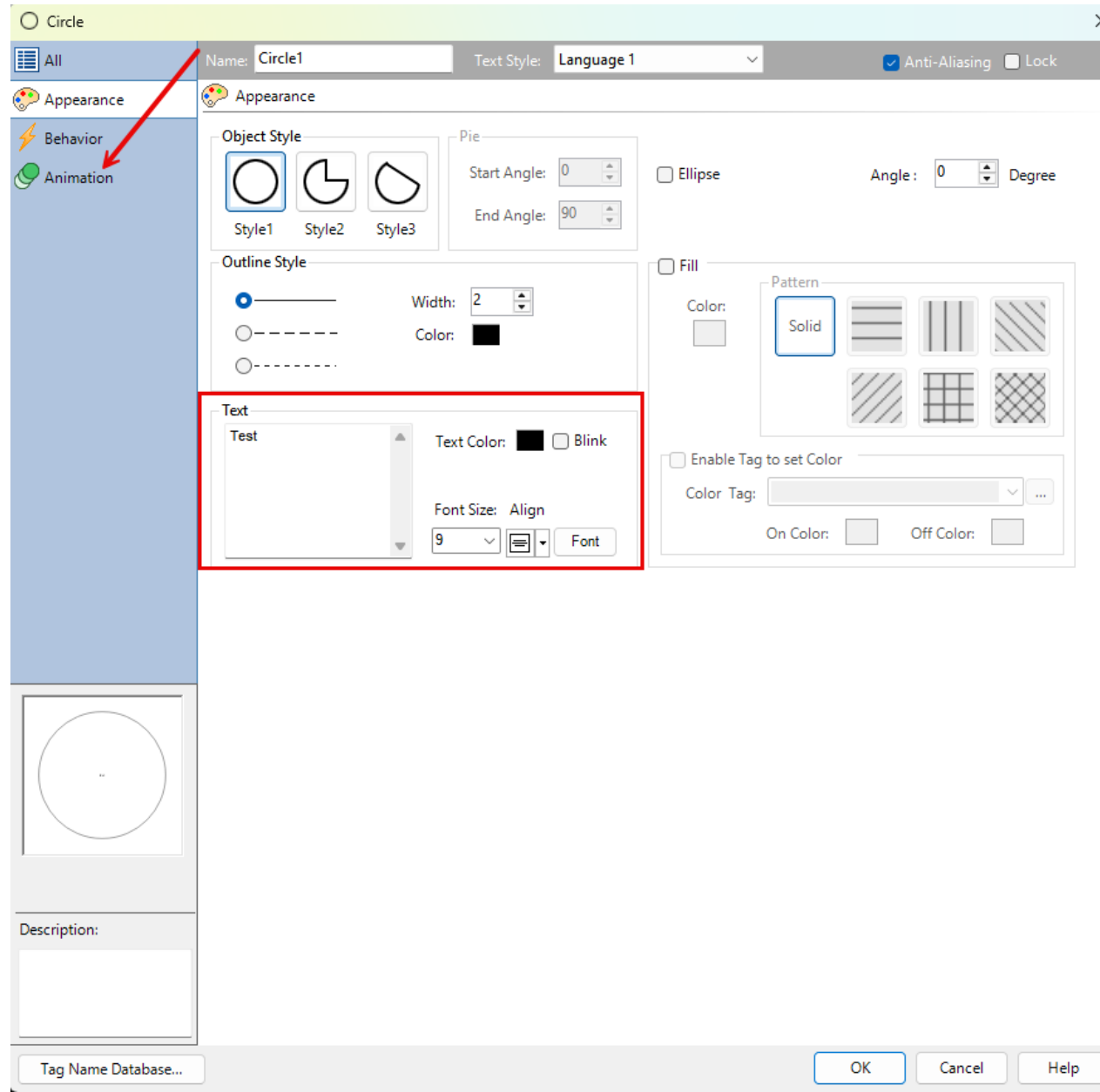
Add Close Help

**Static Text** now has the option to scroll a message in 4 different directions. Animation is also now available.

The screenshot shows the 'Static Text' configuration dialog for 'StaticText2'. The 'Appearance' tab is active, showing a text preview with 'This is a demonstration of static text.' and an 'Angle' of 0 degrees. A red arrow points to the 'Scroll' checkbox, which is checked. A dropdown menu is open, showing four scroll directions: 'Right to Left', 'Left to Right', 'Bottom to Top', and 'Top to Bottom'. The 'Behavior' and 'Animation' tabs are also visible but not selected.

The screenshot shows the 'Static Text' configuration dialog for 'StaticText2' with the 'Animation' tab selected. A red arrow points to the 'Animation' tab in the left sidebar. The 'Enable Moving Animation' checkbox is checked. Under 'Axis Animation', 'Animation Style' is set to 'X-Axis Only'. The 'X-Axis Tag' and 'Y-Axis Tag' fields are empty. The 'Moving Setup' section shows 'Point Number' selected with a 'PLC Value' of 0 and a 'Ratio Value' of 0%. The 'Moving Line Setup...' button is visible. The 'Enable Rotation Animation' checkbox is unchecked. The 'Amount of Rotation' section shows 'Base Position' set to 'Center', 'Rotation Type' set to 'Left', and 'Rotation Tag' is empty. The 'Scaling' section shows 'Point1' with a 'PLC Value' of 0 and 'Degrees' of 0, and 'Point2' with a 'PLC Value' of 65535 and 'Degrees' of 359.

**Circle** now has more styles and patterns. It also allows for adding text inside the circle and animation of the circle. It also utilizes anti-aliasing for smoother curves when drawn large.



**Bar/Circle Meter** now allow for tag-based min/max ranges. You can now set alarm ranges with static or tag-based values.

The screenshot shows the configuration dialog for a Bar/Circle Meter. The 'Range' section is highlighted with a red box and contains the following settings:

- Use Tag Maximum: 100
- Use Tag Minimum: 0
- Bi-polar(Mid. Point) 0

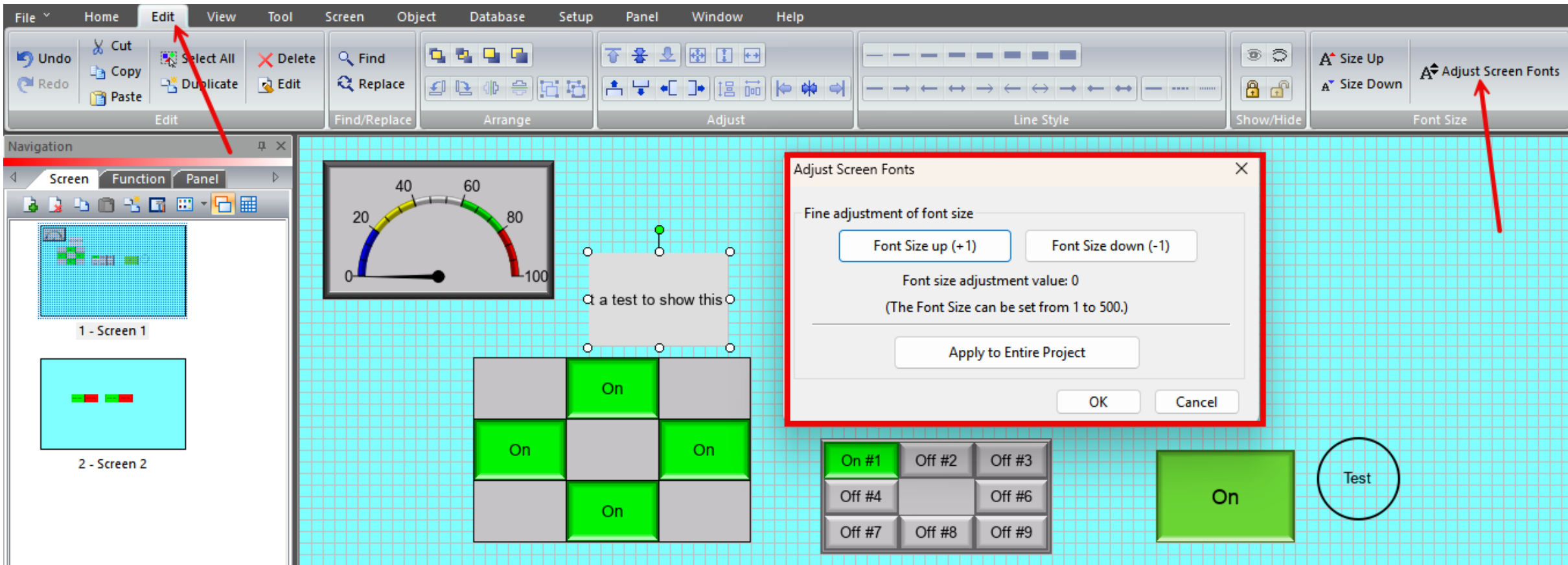
The 'Appearance' section is also visible, showing options for 'Show Divisions', 'Show Digital Display', 'Total Digits', 'Implied Decimal', 'Comma Separator', 'Data Type', 'Background', and 'Meter Bar Color'. A preview of the meter is shown on the left, with a 'Simulate: 50' input field.

The screenshot shows the configuration dialog for a Bar/Circle Meter, focusing on the 'Alarm' section which is highlighted with a red box. The 'Enable Alarm' checkbox is checked, and the following alarm settings are configured:

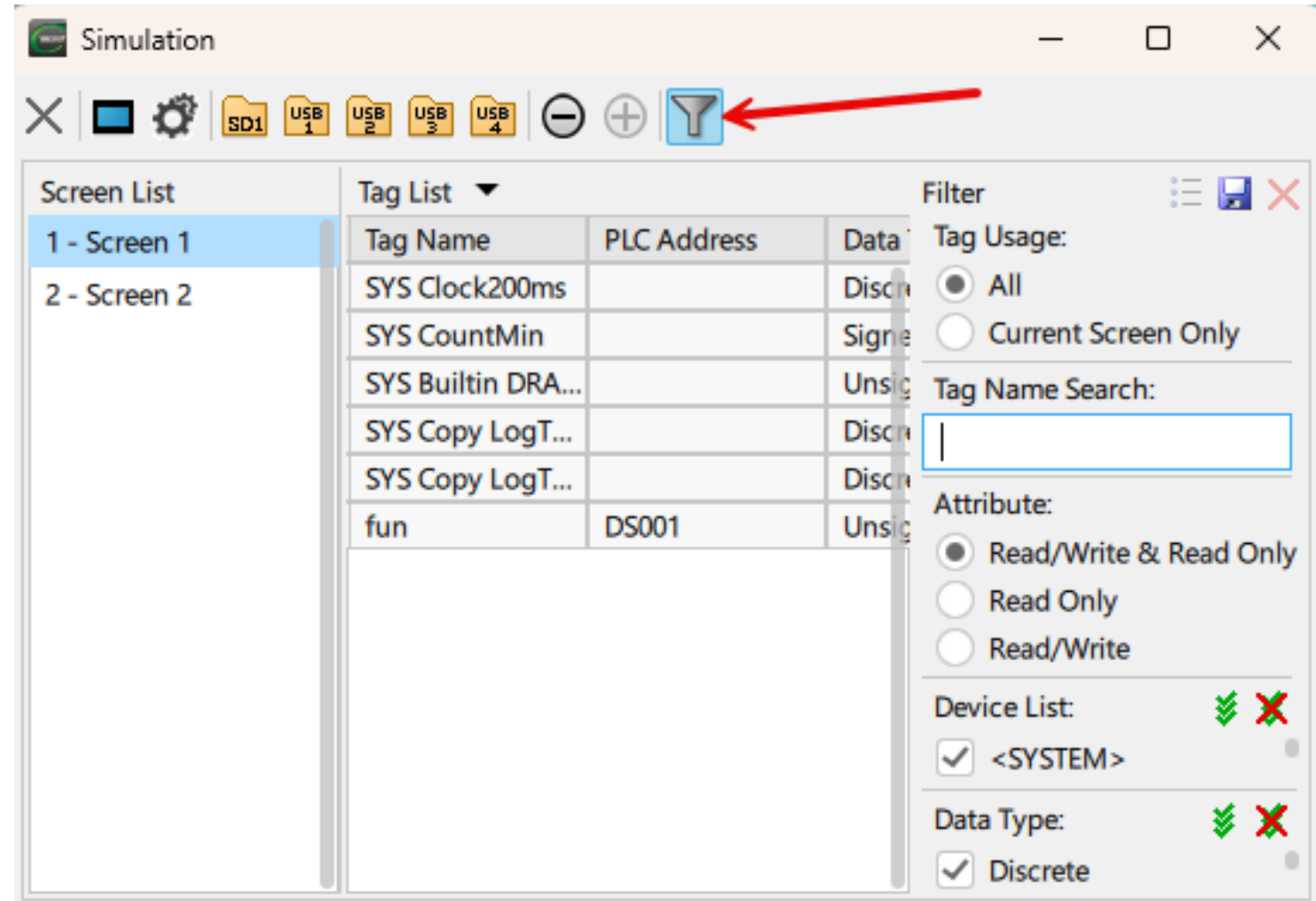
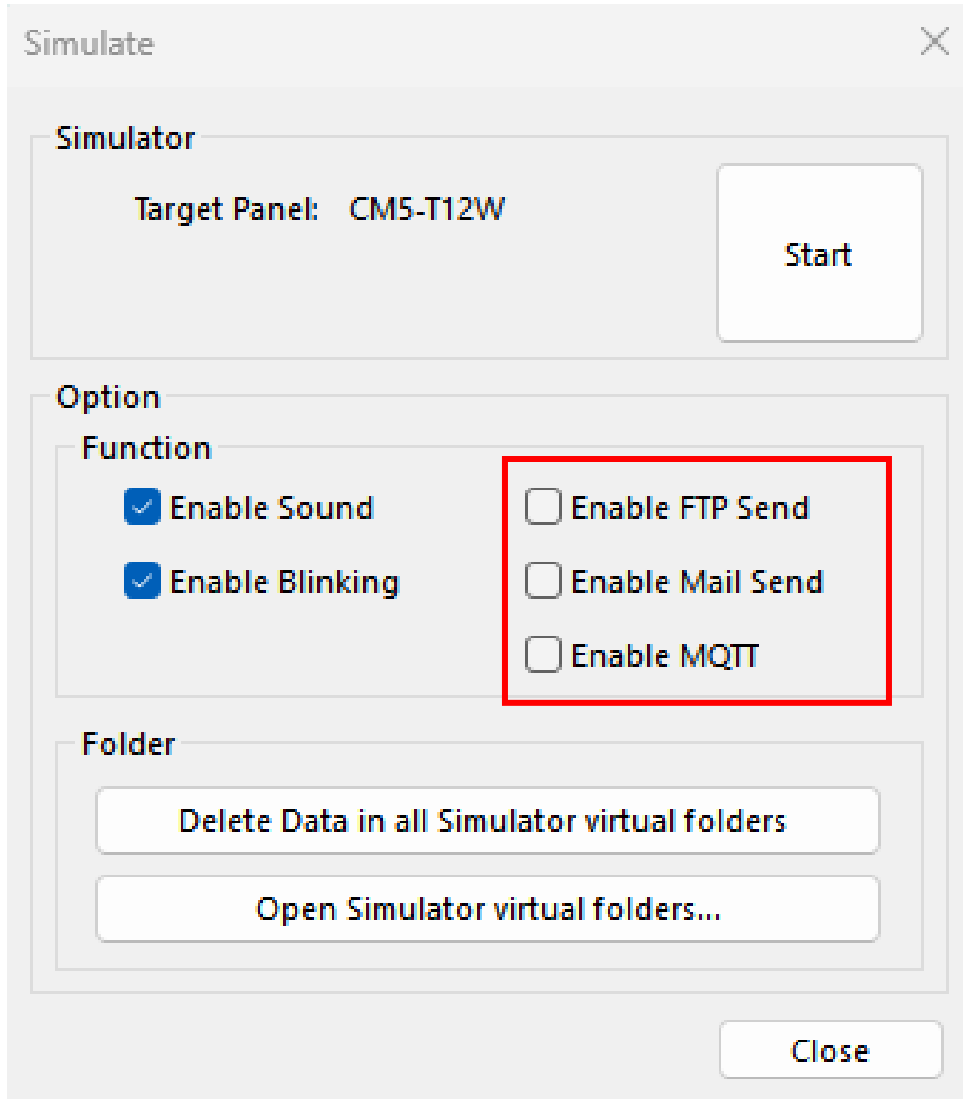
- High High Alarm: Color:  Blink,  Static 80,  Tag
- High Alarm: Color:  Blink,  Static 60,  Tag
- Low Alarm: Color:  Blink,  Static 40,  Tag
- Low Low Alarm: Color:  Blink,  Static 20,  Tag

The 'Behavior' section is also visible, showing options for 'Enable Object Visibility' and 'Object Visibility Tag'. A preview of the meter is shown on the left, with a 'Simulate: 50' input field.

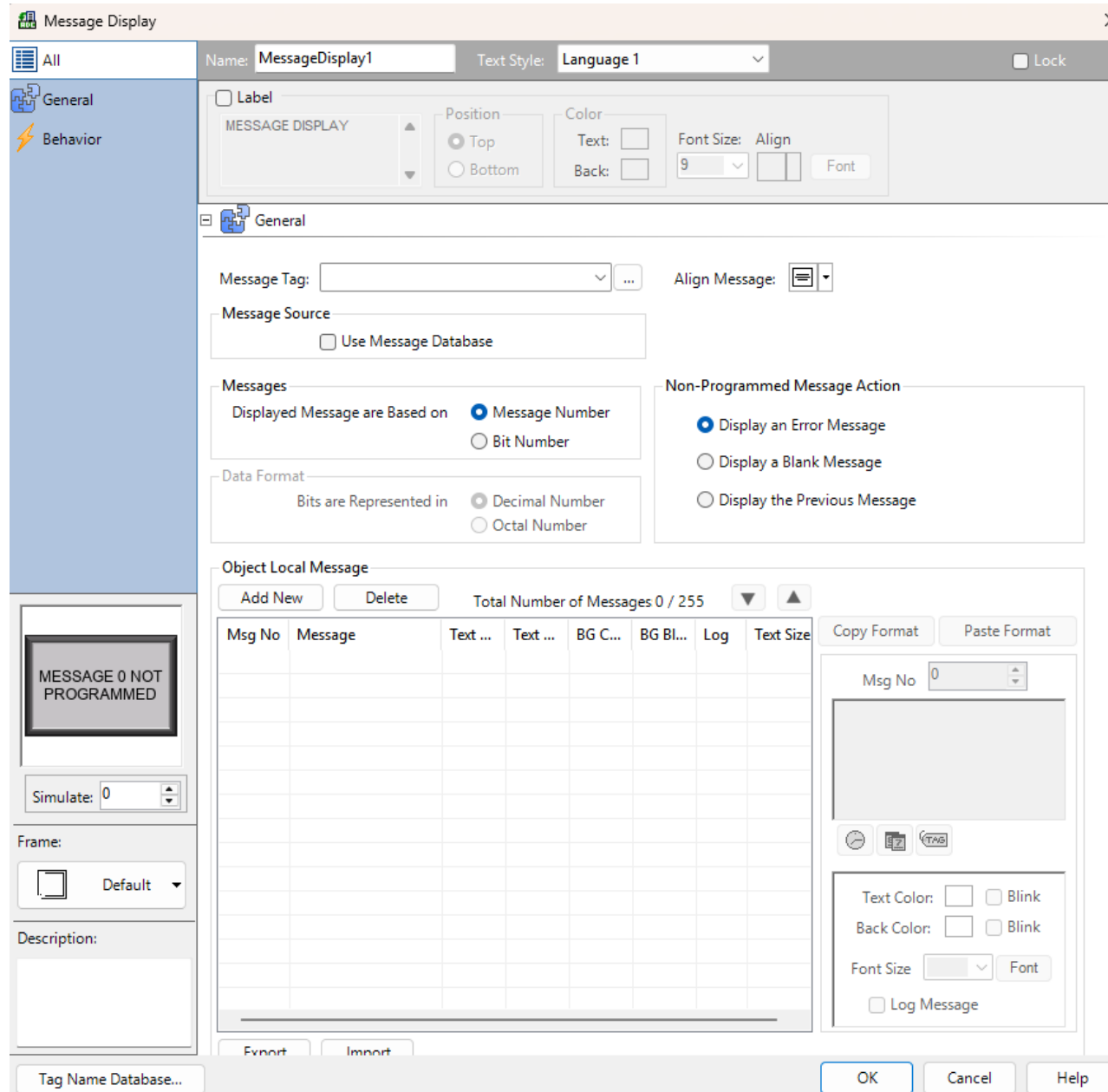
**Adjust Screen Fonts** is found under the edit tab. Click it and it will bring up the box inside the red rectangle. You can click Font Size up or Font Size down and all the text on the screen will change at the same time. You can then click OK to keep the changes, Cancel to revert to the original Font size, or Apply to Entire Project to apply the changes to every screen.



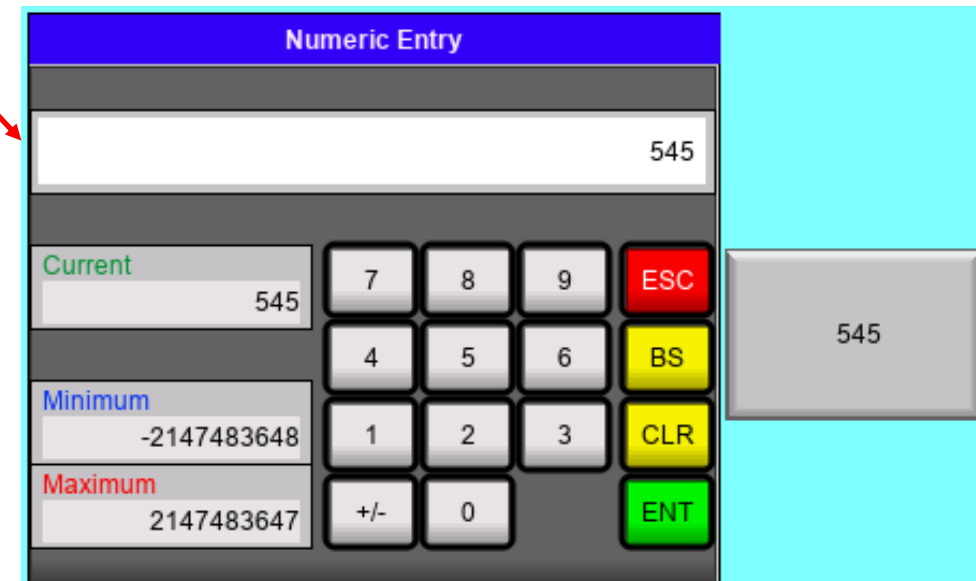
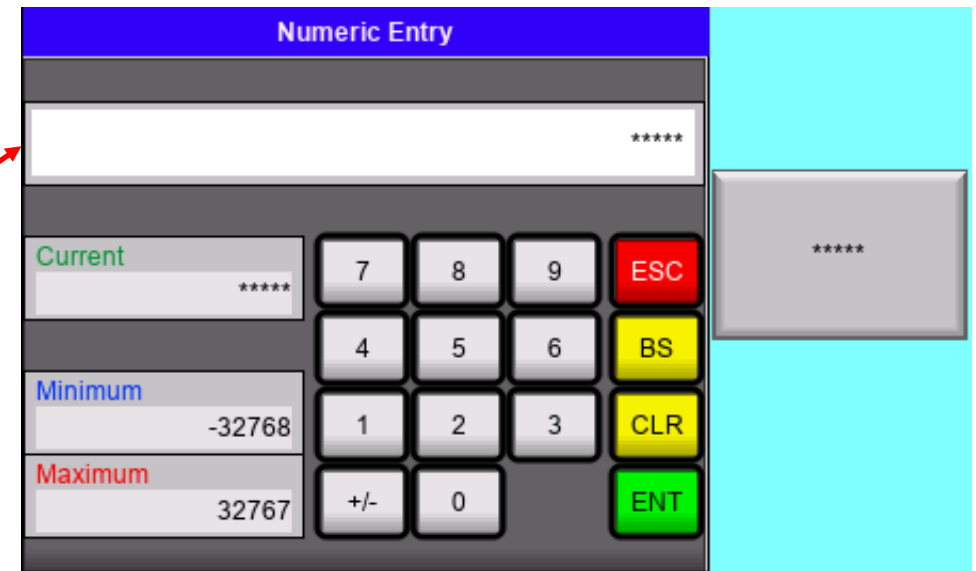
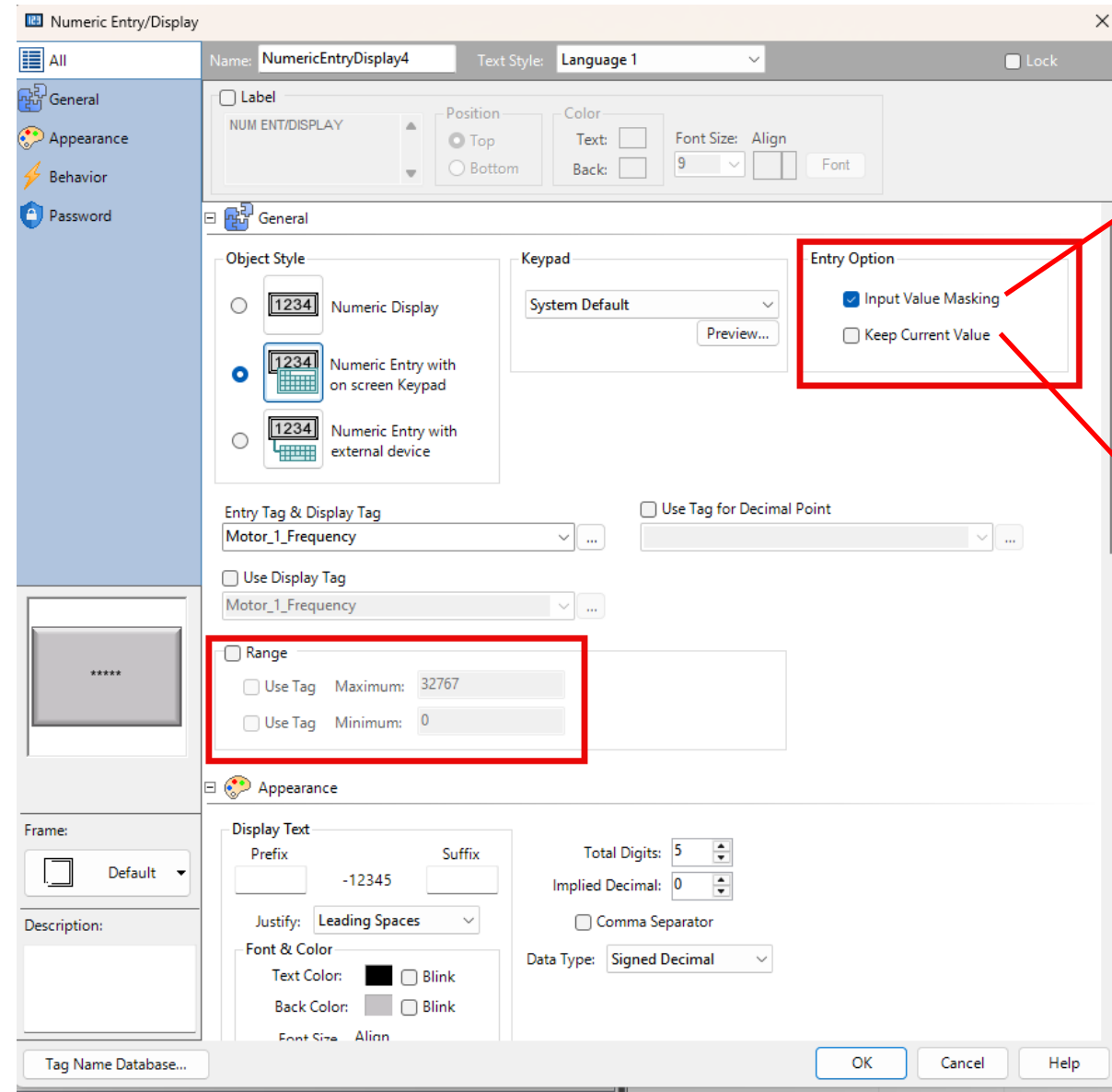
**Simulation** now gives options to enable FTP, Mail Send, and MQTT. There is also the ability to filter tags.



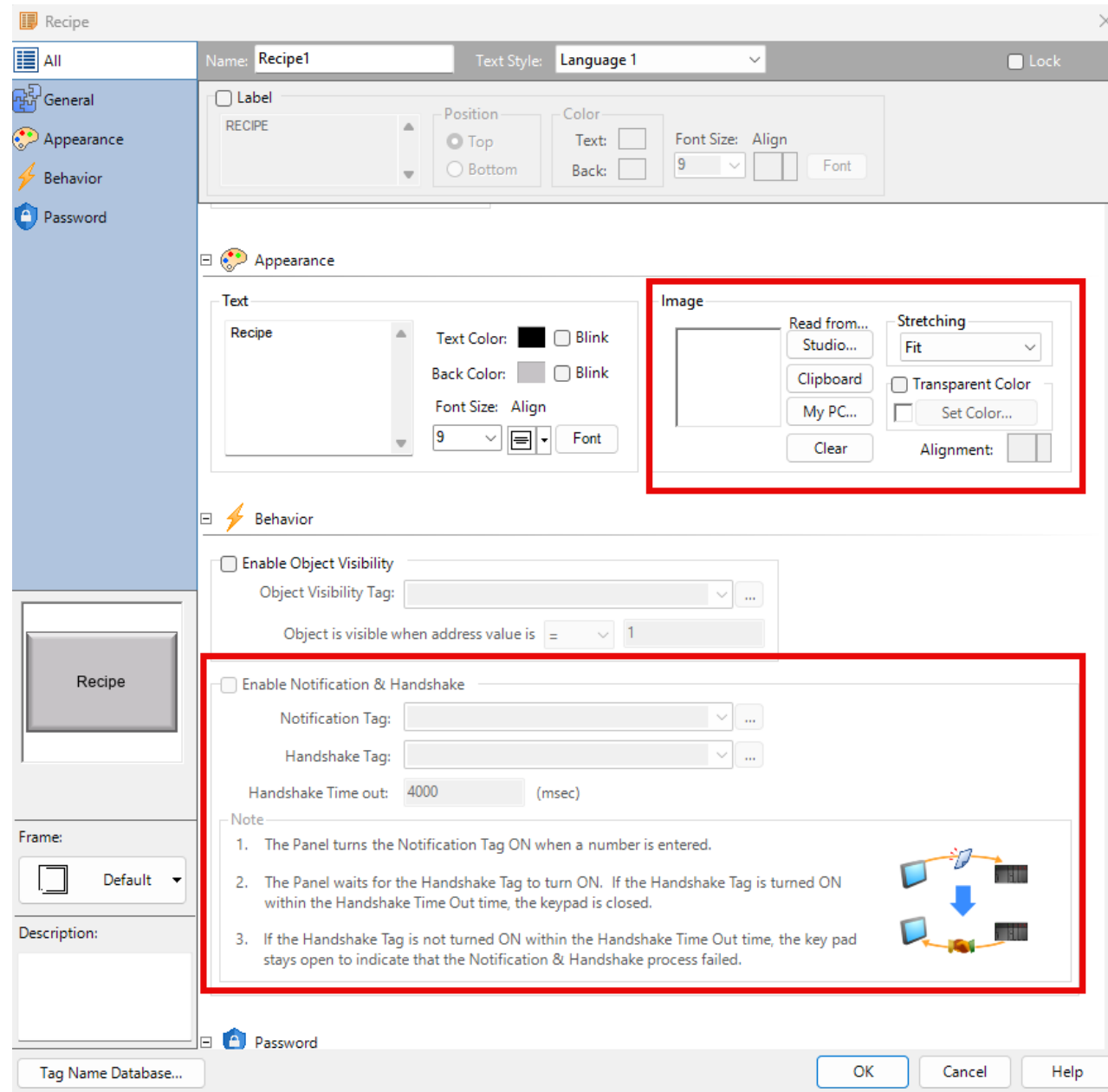
**Message Display** is now a combination of Multistate Text Indicator and Lookup text. You can have up to 255 messages with integers or bits.



**Numeric Entry/Display** is now a combination of Numeric Entry and Numeric Display. You can now use tags for minimum and maximum values. You set the entry type to mask the numbers that are being entered. You can also set the entry type to keep current value. Both illustrations to the right, show how the field look after clicking to enter a new value.

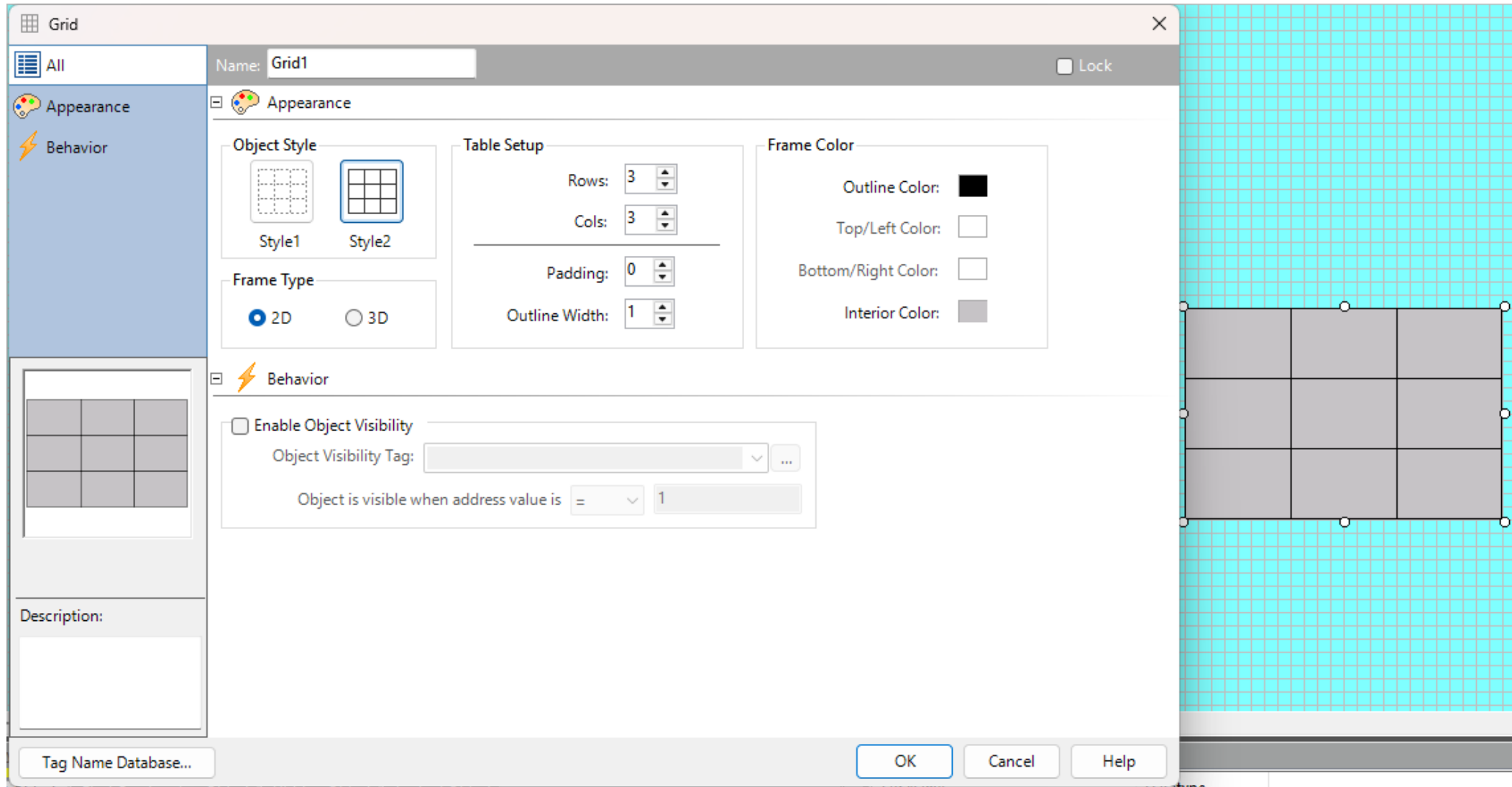


**Recipe** is now a combination of Recipe and Call Recipe. You can attach pictures to the recipe buttons as well as enable a notification and handshake tag.

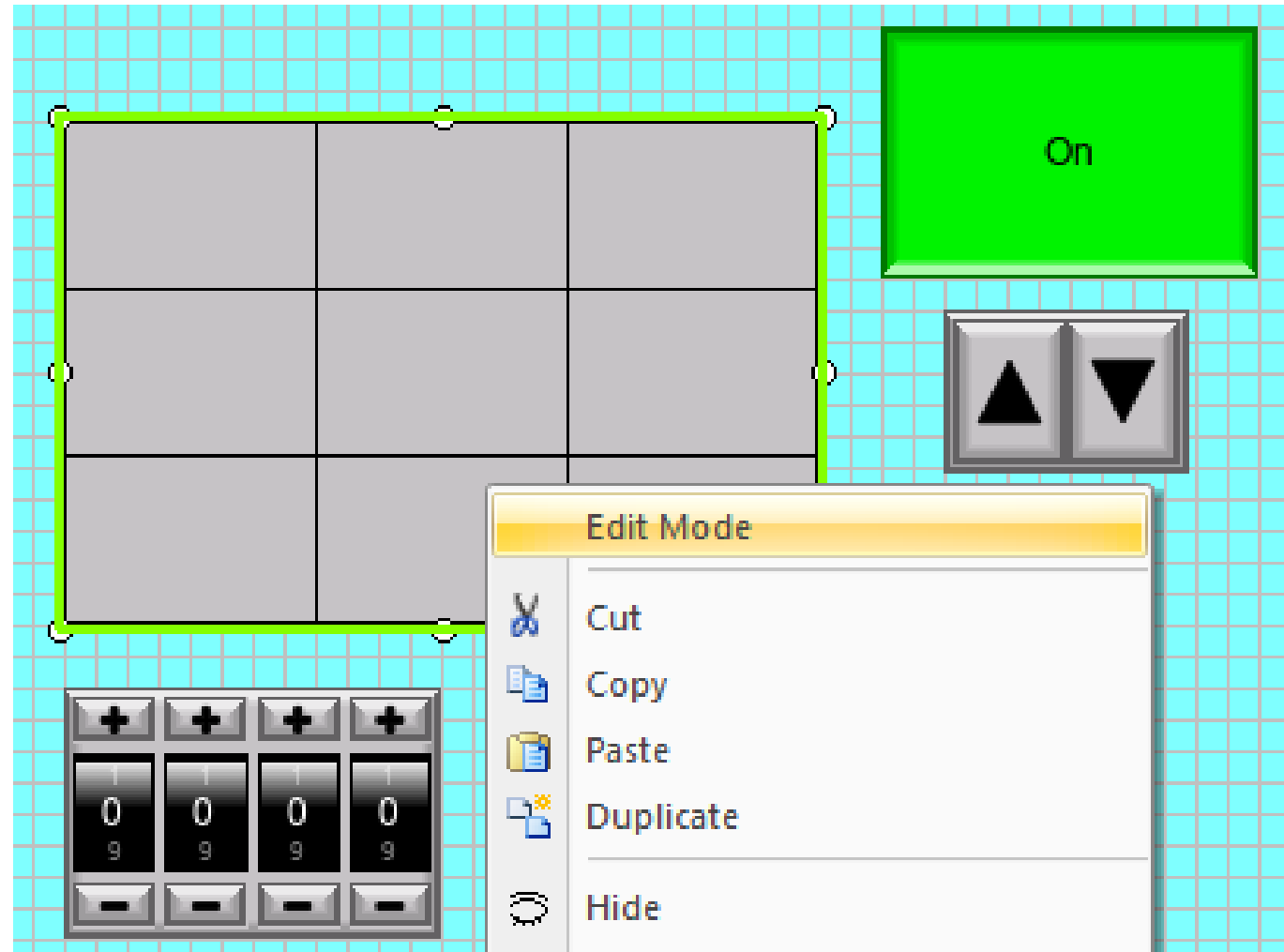


**Grid** has replaced Frame. Grid allows users to arrange groups of objects in organized structure and manipulate all the objects together.

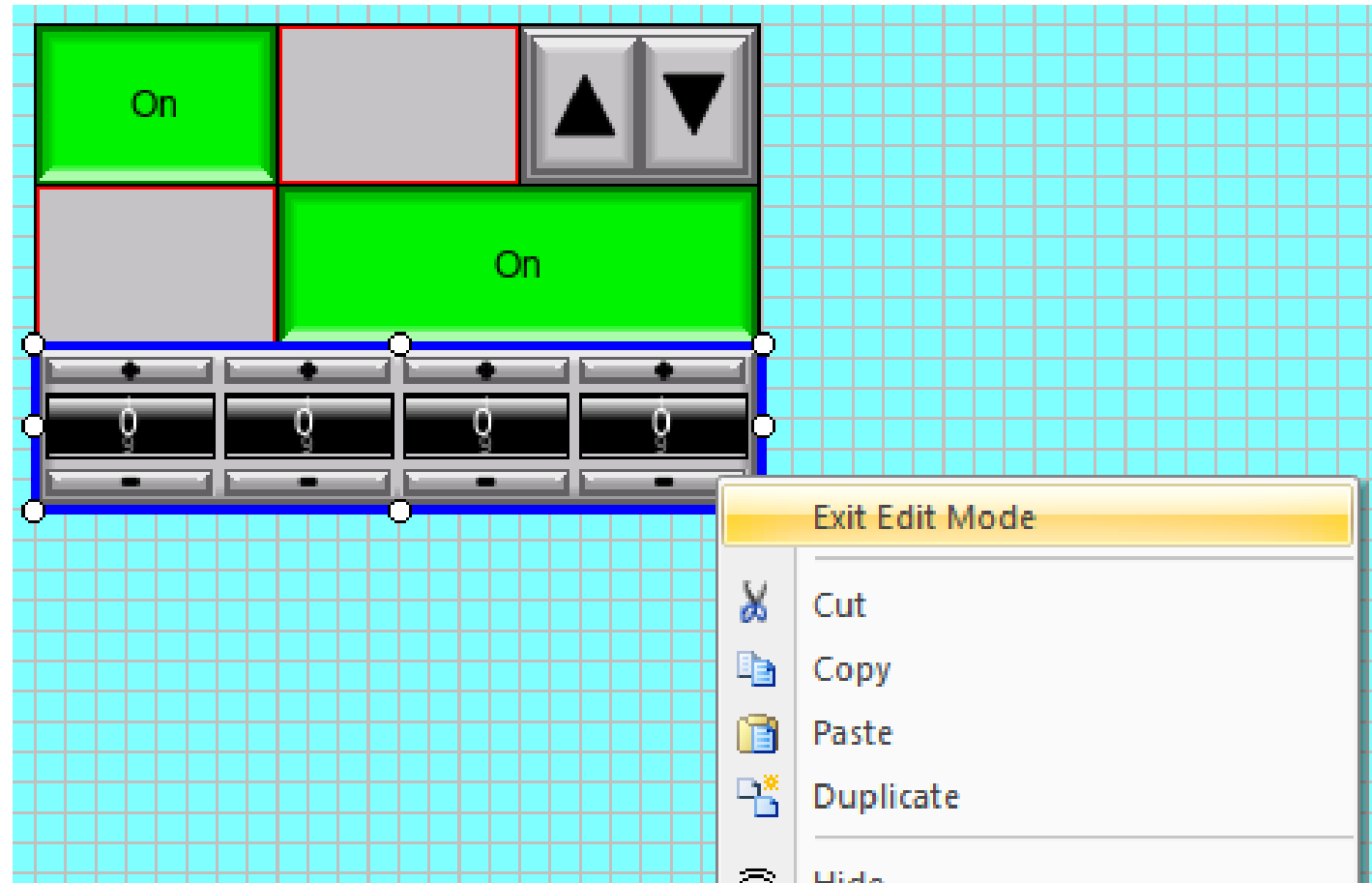
For this example, I made a 3x3, default is 2x2. Once you get a grid made, you can then bring buttons and/or other objects onto the screen.



**Grid.** Once you have an object, or multiple objects, on the screen. Right click within the grid and select Edit Mode.



**Grid.** You can then drag the objects onto the grid, and they will snap into one of the segments of the grid. You can then make objects larger and fill multiple segments if needed. If you add another object to the screen from the object list, the grid will exit edit mode. You can also exit edit mode by right clicking inside the grid and clicking Exit Edit Mode. Alternatively, you can double click outside of the grid and that will also exit edit mode.





**Find and Replace.** To test find and replace, a start/stop was made for Motor 1 along with the tags and then copied and pasted to create another start/stop for Motor 2.

The image shows a software interface with a light blue grid background. On the left, there are two pairs of buttons. The first pair consists of a green button labeled "Motor 1 Start" and a red button labeled "Motor 1 Stop". The second pair is identical but the green button is highlighted with a yellow border and has small white handles at its corners, indicating it is selected. To the right of the grid is a detailed property panel for the selected button, titled "Button/Indicator".

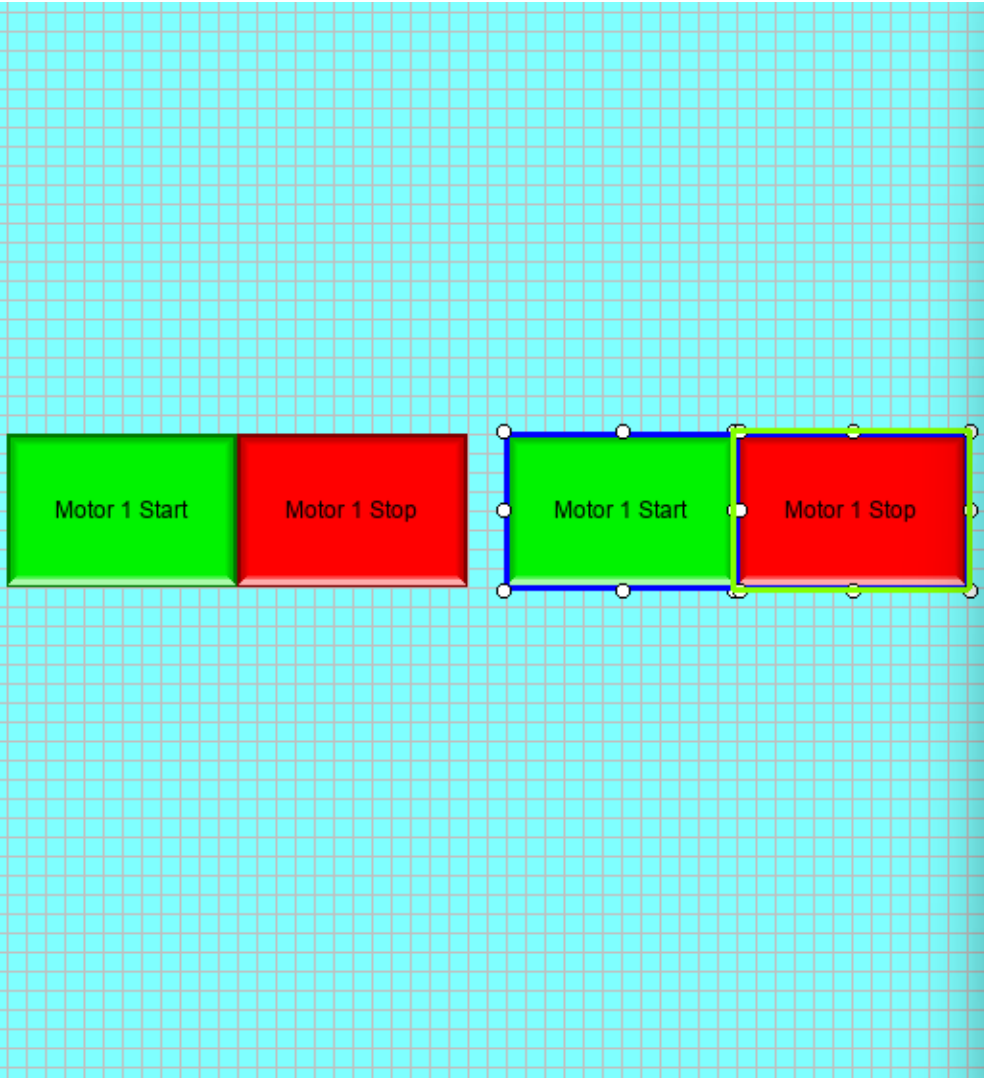
The property panel includes the following sections:

- Name:** BtnInd3
- Text Style:** Language 1
- Label:** BUTTON/IND
- Position:** Top (selected), Bottom
- Color:** Text, Back
- General:**
  - Object Mode:** Button (selected), Indicator, Indicator Button
  - Object Style:** Style1 (selected), Style2, Style3
  - Button Tag:** Start\_Motor\_1
  - Indicator Tag:**
- Simulate:** ON
- Frame:** Default
- Description:**
- Appearance:** OFF, Text, Off, Text Color: [Black], Blink

At the bottom of the panel is a "Tag Name Database..." button.



**Find and Replace.** Here the second set of motor controls are highlighted. Since this is just a Motor 1 and Motor 2 scenario, I can Find “1” and Replace with “2”. Hitting replace will start in the first column and replace the Text/Tag name and then will work down the list. Replace All will replace everything in the list. There is no warning when selecting Replace All. When done, you must click close or the X in the top right to apply changes. Hitting Cancel will undo the changes.



Find Replace

Find Replace dialog box showing search criteria and results.

Find what: 1  
Replace with: 2  
Save as new Tag when Replaced:   
Within: Select Object(s) Match Case:   
Search: All (Tag & Text)  
Language: Language 1

Buttons: Replace, Replace All, Find All

Object Name	Object Type	Field Name	Text/TagName	Device	Text/TagName (...)	Device (New)
BtnInd3	Button/Indicator	Button Tag	Start_Motor_1	DEV001	Start_Motor_2	DEV001
BtnInd3	Button/Indicator	On Text	Motor 1 Start	-	Motor 2 Start	-
BtnInd4	Button/Indicator	Button Tag	Start_Motor_1	DEV001	Start_Motor_2	DEV001
BtnInd4	Button/Indicator	On Text	Motor 1 Stop	-	Motor 2 Stop	-

4 Object(s) Found

Buttons: Cancel, Close

**Find and Replace.** After clicking Complete, both the buttons that were highlighted have had both the text and the tag changed. Start\_Motor\_2 was not an existing tag and was created during the process.

The image displays a software interface for configuring a sequence of buttons. On the left, a horizontal row of four buttons is shown on a light blue grid background. From left to right, they are: a green button labeled "Motor 1 Start", a red button labeled "Motor 1 Stop", a green button labeled "Motor 2 Start" which is currently selected and has a yellow border, and a red button labeled "Motor 2 Stop".

On the right side, a configuration panel for the selected "Motor 2 Start" button is visible. The panel is titled "Button/Indicator" and includes the following sections:

- General:** Name: BtnInd3, Text Style: Language. Includes checkboxes for Label, Position (Top/Bottom), and Color (Text/Back).
- Object Mode:** Radio buttons for Button (selected), Indicator, and Indicator Button.
- Object Style:** Three style icons labeled Style1, Style2, and Style3.
- Buttons:** Button Tag: Start\_Motor\_2, Indicator Tag: (empty).
- Frame:** A dropdown menu set to "Default".
- Description:** A text input field.
- Appearance:** OFF, Text, and Off options, along with a Text Color selector and a Blink checkbox.

At the bottom of the panel, there is a "Tag Name Database..." button.

## Other minor changes:

- Overall performance is significantly faster.
- Analog meter can have tag-based min/max range.
- Clock is combined with digital and analog. You can hide leading “0”s (zeros). Ability to display weekday.
- Increment/Decrement now has tag-based min/max range. A numeric keypad was added.
- New drivers added: Mitsubishi FX5 (iQ-F and iQ-R) Drivers and Omron NJ/NX EtherNet/IP Symbolic driver
- Slider can have tag-based min/max range. Also has new styles.
- Valves can now be driven by analog values – where you can set what analog value indicates the valve is open or closed.
- Right click on background to set color and to display grid.
- Change Tag Data type – even for tags that have already been used.