

## **Recipe Function**

## General information and guide

The Recipe function is an HMI function that allows you to move a predetermined and editable set of values to up to 200 tags per recipe to discrete bits and registers in a PLC with the press of a button.

The recipe function can be found under the drop down Objects > Data Entry > Recipe...





Clicking on "Recipe..." will bring up the Recipe window. It is here that you will configure your recipe. The first tab is the general tab, text and color that will appear on the recipe button can be changed here as shown in the image below.

Recipe		×
General Recipe Protection	Visibility/Details	
Label Text		
Language 1 🚔	Character Size 6x8 -	
Label Text RECIPE		
Position	Color	
Top     Rettern		
Bottom	Display Fra	ime
Text	Char Size Color	
Language 1 🚔	Text Blink	ground Blink
Text RECIPE	6x8 ▼ □	<b>-</b>
		Help
	Calice	



The main portion of the recipe window is under the tab "Recipe" as shown below. It is here that you will see a spread sheet of the tags and their different attributes listed. In the image it is currently blank, as we have yet to add any tags.

SI # Tag Name		Data Forma	t	Value / Tag Name		



To add the first value to your recipe list double click on the spread sheet or click add/edit tag. You will then be presented with the Add Recipe Tag Details. It is here that you can select the destination tag. The destination tag is the tag that will have the recipe value moved to it once the recipe button is pressed. Below that we can select the source, ether a constant value or the value from another tag which can vary. Once all parameters are configured to your program needs click add new tag. This will add it to the spreadsheet and clear the Add Recipe Tag Details box to allow you to enter the next recipe variable.

Add Recipe Tag Details							
Destination							
Tag Name 🗸							
Source Value for this tag would be from							
Constant							
Value from a constant							
Value 0 Data format Unsigned Decimal 🔻							
Value from another tag							
Tag Name							
(Note: Destination tag and source tag data type must match)							
Help Add New Tag Close							



You can see here that I have added 2 tags for this example. When the Recipe button is pressed, the values that are shown under Value/Tag name will be moved into the address of the tags under Tag Name in the PLC.

		Data Format	value / Tay Mattie		
1	TAG1	Unsigned Decimal	20		
2 1AG2		Unsigned Decimal	20		



Below is the Panel Attributes screen. On General Tab shown by the red box is the On Panel Recipe Edit Tag assignment box. You must assign a discrete address. When this tag is true if you press the recipe button you will be presented with a screen allowing you to edit the values in the recipe. When the tag is false pressing the recipe button will move the recipe values into their assigned tags.

anel Attributes					
Alarm Protection	te Access and [	Data Acquisition	Plant	PlantView Tags	
General Printer	Passwords	Clock	Panel to PLC	PLC to Panel	Language
Power Up Screen Display Saver (30 -1500 min) 0 = Disabled Default Language 1 Display large key pad on panel (Defaults to smaller one) Enable Beeper Tiny floating values (tiny: not displayable in chosen forma © Display in scientific notation © Display as 0 On Panel Recipe Edit tag RECIPE EDIT With tag = 1, pressing recipe butto allows editing of the recipe. With tag = 0, pressing recipe butto writes recipe values to plc. Default Floating Point Decimal Place Default Floating point decimal place	t)	Alam Display Display each Maximum nu alams in disj (Once queue added to the of Alam History f Maximum ala Once buff	Options In alarm for 5 Impley queue 99 Is full, new alarms will no queue and hence not dis Options Imms in history 64 If is full and a new alarm If the oldest alarm and a If the oldest alarms in buffer Imassword to read project If it is full and a projec	(Need 4.0 kb r m occurs: add the new alarm to b er (the new alarm is not or access online	nemory) uffer (FIFO) t stored) (Max 16 Alphanumeric )
				OK Cano	el Help