AdvancedHMI

A different approach to HMI development



Quick Start Guide

Quick Start

1) Visual Studio Community Edition (or higher) will need to be installed on the development PC. If you do not already have one installed, you can get Visual Basic Express from Microsoft at the following link:

http://www.visualstudio.com/en-us/products/visual-studio-community-vs

2) You will now need the AdvancedHMI project, this can be downloaded from:

http://sourceforge.net/projects/advancedhmi/

- 3) After downloading AdvancedHMI, extract the files from the zip file
- 4) Open the solution file (AdvancedHMI.sln) by either double-clicking or starting Visual Basic and going to File->Open Project and browsing to the AdvancedHMI.sln file Note : If you are using Visual Basic 2012 or higher, you will see an upgrade wizard. Just click the Finish button to proceed

5) Open the MainForm by double-clicking the name in the Solution Explorer



6) The project will now need to be compiled in order to add the components to the Toolbox



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	н.	(Name)	EthernetIPforCLXCom1
	н.	CIPConnectionSize	508
	н.	DisableSubscriptions	False
		GenerateMember	True
	× .	IPAddress	192.168.0.10
	-1	Modifiers	Friend
		PollRateOverride	500
		Port	44818
-		ProcessorSlot	0
→ 中	×	SynchronizingObject	MainForm

7) From the ToolBox, add a Com driver by dragging and dropping to the form.

8) Set the appropriate properties for the com driver you selected, e.g. IPAddress. See figure above.

AdvancedHMI

9) Add a visual control to the form by dragging and dropping from the Toolbox.

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10) Set the PLC address that you want displayed on the selected control.

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		0, 0	
		0, 0	
	Modifiers	Friend	
	NumberOfDigits	4	
	NumericFormat		
		0, 0, 0, 0	
	PLCaddressText		
	PLCaddressValue	N7:0	
	PLCaddressVisibilit	У .	
	Resolution	1	
	Right ToLert	NO	
	ScaleFactor	1	
		292,130	
	PLLaddressValue		

11) Be sure the PLC is connected and ready, then Run the application by clicking the VCR play button or pressing F5

