

Description: Guide to using TrendWorX32 Viewer features
OS Requirement: Win 2000, XP Pro, Server 2003, Vista, Server 2008, Windows 7
General Requirement: Installation of GENESIS32 9.x

Introduction

The TrendWorX32 viewer is used to view real time or historical trending data. This ActiveX supports VBA Scripting as well as language aliasing, local aliasing, and global aliasing. The viewer is capable of displaying three types of trends: Real Time, Persistent, and Historical trending. The viewer ActiveX also allows for personalization. This Application Note will describe the features within the ActiveX and walk you through the steps of personalizing your trend with background images and stacking your plots during run time.

TrendWorX32 Viewer Properties

1. Start GraphWorX32 by going to Start → Programs → ICONICS GENESIS32 → GraphWorX32 → GraphWorX32
2. Insert a TrendWorX32 Viewer into your display by clicking on the ICONICS TWXView32 ActiveX Control  button in the ActiveX toolbar.
3. Double-click on the ActiveX control to bring up the properties window.
4. In the Appearances window, you can personalize the viewer by changing the background and foreground colors, text font, size, and color, as well as how the grid and detail section of the viewer will look.
5. We will try to add a background to the TrendWorX32 Viewer. In the Workspace, check the Show Background option and browse for an image file.



Figure 1 - TrendWorX32 Viewer Properties

6. Once you have selected the file, you can either position it in the center or Stretch the file to fit to the viewer.
7. Click “OK” once you are done with the properties dialog.
8. Go into Runtime, and you should see your TrendWorX32 Viewer displaying the background image you have chosen.

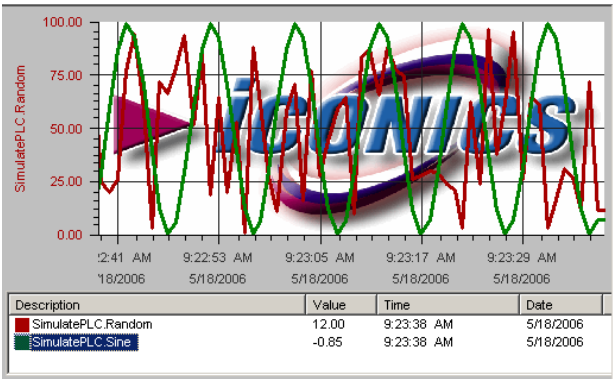


Figure 2 - TrendWorX32 Viewer with a Background Image

Runtime Features

1. In runtime, you can edit everything that you could in the TrendWorX32 Viewer’s properties window except options on the Appearances tab.
2. In runtime, there is also an option called stack plots (not available in configuration mode). You can use this to split up your pens into different plots for comparison.
3. Select the Pen you want to stack into a different plot in the Detail window.
4. Right-click on the pen and select Stack Plot → Into a New Plot.
5. You will now have two plots in the same trend window.

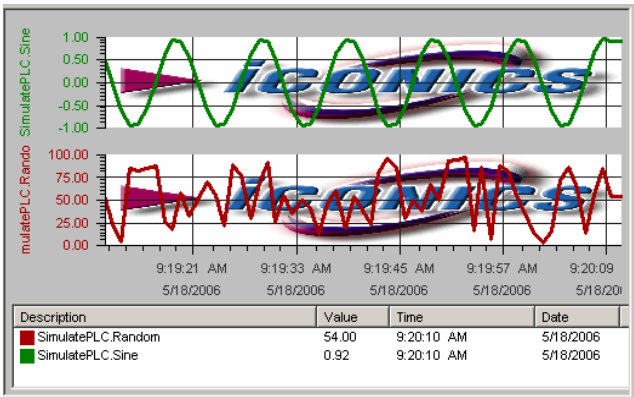


Figure 3 - Stacked Plots