

Description: Guide to configuring and running the TrendWorX32 Persistent Trending

OS Requirement: Win 2000, XP Pro, Server 2003, Vista, Server 2008, Windows 7

General Requirement: N/A

Introduction

Persistent trending allows you to view continuous data, even if you go in and out of runtime. While real time pens allow you to look at data without logging it, each time you exit runtime, the trend restarts and you have lost the data that was on your display. With persistent trending, you will see data as if it were historical data, but in real time without logging.

NOTE: If you would like to log data to a database, you should use TrendWorX32 SQL Logger.

Configuring Persistent Trending

1. Start the Persistent Trending by clicking Start → Programs → ICONICS GENESIS32 → TrendWorX32 → Persistent Trending Configurator
2. Select File → New to create a new configuration
3. Click on the **Add Group** button and specify a name for the trend group. Click **OK**

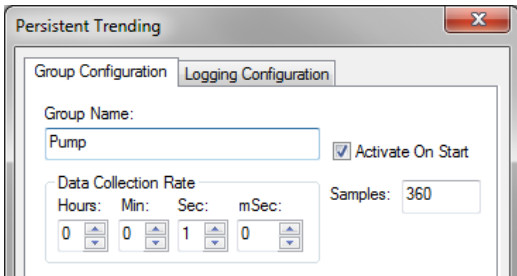


Figure 1 - Persistent Trending Group Configuration

4. Click on the **Add Tag** button and Browse for the OPC Tags you want allow persistent trending and click OK.

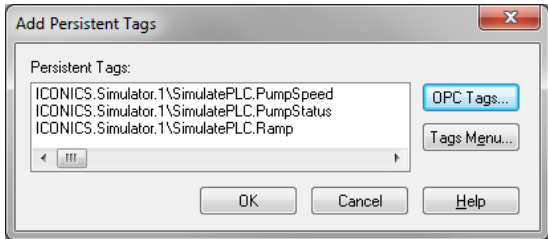


Figure 2 - Adding Tags into the Persistent Trending Group

5. Save your configuration File.
6. To start the data collection, you can click the traffic light or you can use the **GenTray** system tray icon

Viewing Persistent Tags

1. Start GraphWorX32 by going to Start → Program → ICOINCS GENESIS32 → GraphWorX32 → GraphWorX32
2. Add a Trend ActiveX to the display from the ActiveX Toolbar by click on the ICONICS TWXView32 ActiveX  icon.
3. Double Click the Trend ActiveX to bring up the properties inspector
4. Select the Pens tab and click on the Tags Menu button, and select Persistent Trending.
5. When the Persistent Trending dialog pops up, double click your Persistent Trending group in the first list box, your tags in the group should then populate in the second list box as show on figure below.

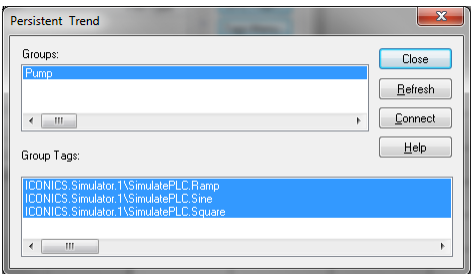


Figure 3 - Trend Viewer

6. Select your pens and click Connect
7. Click OK and start GraphWorX32 Runtime

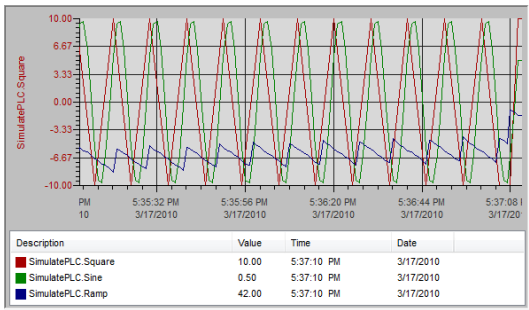


Figure 4 - Trend Viewer