



TrendWorX32 - Persistent Trending Quick Start

APPLICATIONS NOTE



August 2004

Description: Quick Start for configuring and running the TrendWorX32 Persistent Trending.

OS Requirement: The operating system required is Win XP/2000/NT.

General Requirement:

Persistent trending allows you to quickly configure a memory based buffer (RAM) with trend data. In case long term storage is desired, the TrendWorX32 SQL Logger should be used in stead. The following table shows specific trending tasks and the TrendWorX32 module performing the task.

Functionality	TrendWorX32 Module
Trend Logging to RAM	Persistent Trending
Trend logging to databases	TrendWorX32 SQL Data Logger
Real-time/Historical	Trend Viewer ActiveX
Trend presentation	
Trend Reporting	TrendWorX32 Reporter
Trend container application	TrendWorX32

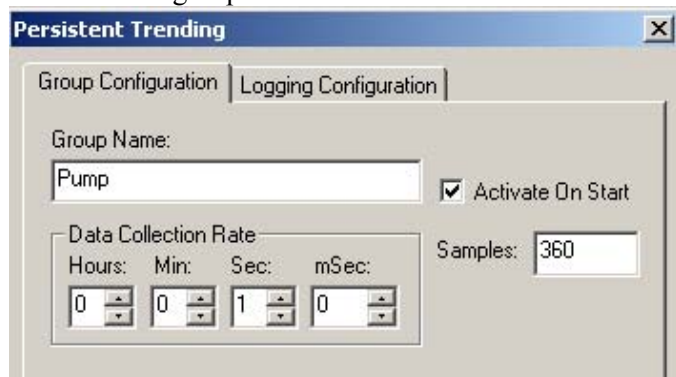
Capabilities:

- The Persistent Trending is an OPC DA **Client**.
- Persistent data is stored in RAM
- Persistent data may be stored in CSV files
- Support for the Unicode version
- Daylight savings time switch-over support

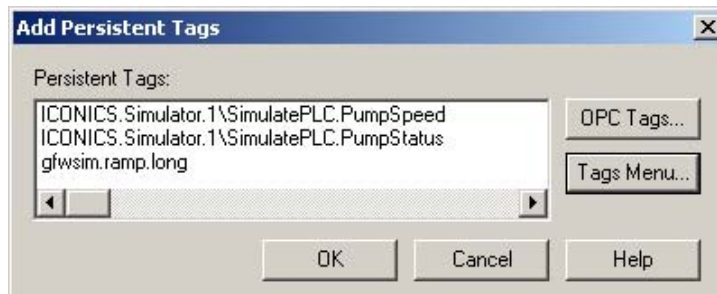
Configuration

To configure Persistent Trending, the following steps have to be completed.

1. Start the **Persistent Trending**. Click Start, Programs, ICONICS GENESIS-32, TrendWorX32, Persistent Trending
2. Select the **File, New**
3. Select **Edit, Add Group** and specify a name for the trend group. Click **OK**



4. Select **Edit, Add Pens** and Browse for the OPC Tags you want to collect and click **OK**
5. Save your configuration **File, Save As... myTrend**



Start data collection

To start the data collection, you can click the traffic light or you can use the **GenTray** system tray icon

6. Click Start, Programs, ICONICS GENESIS-32, Tools, GenTray
7. Click on the purple **GenTray** icon in the bottom of your screen, next to the windows time.
8. Select **TrendWorX32, Persistent Trending**, Start

View Trend Data

You can look at trend data by placing the Trend Viewer ActiveX in your GraphWorX32 display.

1. Start GraphWorX32
2. Add a Trend ActiveX to the display from the ActiveX Toolbar
3. Double Click the Trend ActiveX in order to change its properties
4. Select the **Pens** tab
5. Select **Tags Menu..., Persistent Trend** and double click the **Pump** group.
6. Select the required pens and click **Connect**
7. Click **OK** and start GraphWorX32 Runtime

