# TrendWorX32 Viewer – TrendWorX32 Viewer Quick Start

APPLICATIONS NOTE

April 2010

**Description:** Guide to configuring and running the TrendWorX32 Viewer
**OS Requirement:** Win 2000, XP Pro, Server 2003, Vista, Server 2008, Windows 7
**General Requirement:** Logged data required for historical replay and Persistent Trending configuration required for replaying Persistent Trends.

## Introduction

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. This document will describe all of the steps you need to view each of the above mentioned trends.

## Configuration

1. Start GraphWorX32 from Start → Programs → ICONICS GENESIS32 → GraphWorX32 → GraphWorX32.
2. Add a Trend Viewer ActiveX by clicking on the "ICONICS TWXView32 ActiveX Control" button on the ActiveX toolbar.
3. Double-click the Trend Viewer ActiveX to bring up the property inspector.
4. The General tab allows you to specify the type of chart you would like to see and a configuration file for the Trend Viewer.
5. Click on the Rates tab, this is where you would specify the data collection rate and history refresh rate
6. The General tab allows you to specify the type of chart you would like to see and a configuration file for the Trend Viewer.

> **NOTE:** The data collection rate and history refresh rate should match your history trend configuration's data collection rate and data logging rate.

7. Select the Pens tab to add pens for trending.

### Real Time Trending

8a. Click the "OPC Tags…" button to add real time OPC pens for trending. See Figure 1.
9a. The Unified Data Browser will open. Select the OPC Server and the tags to trend in the browser.
10a. Click OK until you are out of the Trend Viewer properties inspector.
11a. Enter Runtime to see your real time trends.

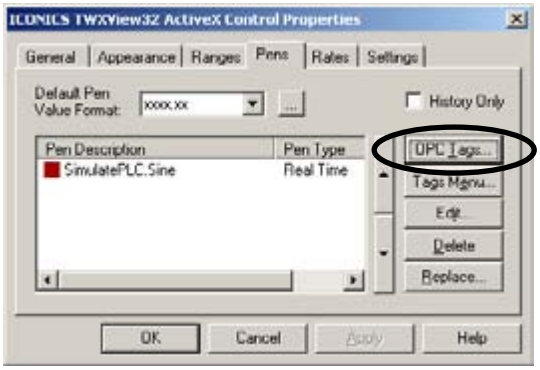


**Figure 1 – Trend Viewer Properties: OPC Tags**

### Persistent Trending

8b. Click on the "Tags Menu" button and select Persistent Trends.

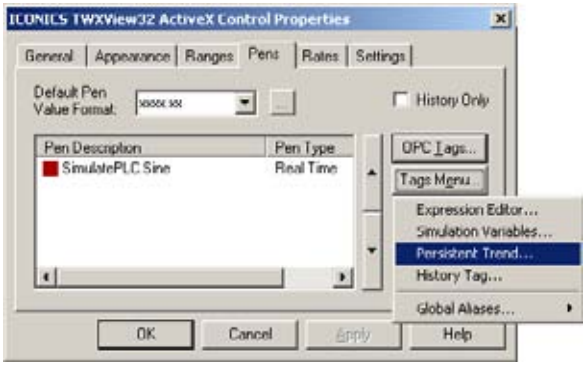


**Figure 2 – Trend Viewer Properties: Persistent Trend**

9b. A window will come up and you should see your group name in the upper half of the window.
10b. Select the desired group and double-click on it.
11b. The tags in the group should then be visible in the lower half of the window. Choose the tags to trend from the list
12b. Click "OK" until you are out of the Trend Viewer. properties inspector.
13b. Enter runtime to see your persistent trends.

### History Trends

8c. Click the Tags Menu button and select History Tags from the drop down menu.
9c. The Unified Data Browser will open for you to choose the HDA server and select the tags to view historical data from.
10c. Select your tags and click "OK" until you are out of the Trend Viewer properties inspector.
11c. Enter runtime to see your historical Trends.

Copyright 2010 ICONICS, Inc.