



ICONICS TrendWorX32 Container Quick Start

APPLICATIONS NOTE

January 2003

Description: Quick Start for configuring and running the Trend Container

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

General Requirement:

The TrendWorX32 product collects process data and logs this into standard databases (Access, MSDE, MS-SQL). TrendWorX32 serves this data for reporting purposes or for live presentation on the screen. The following table shows the specific trending tasks and the TrendWorX32 module performing the task.

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

Trend Container Capabilities:

- Host one or more documents with Trend Viewers
- VBA Scripting

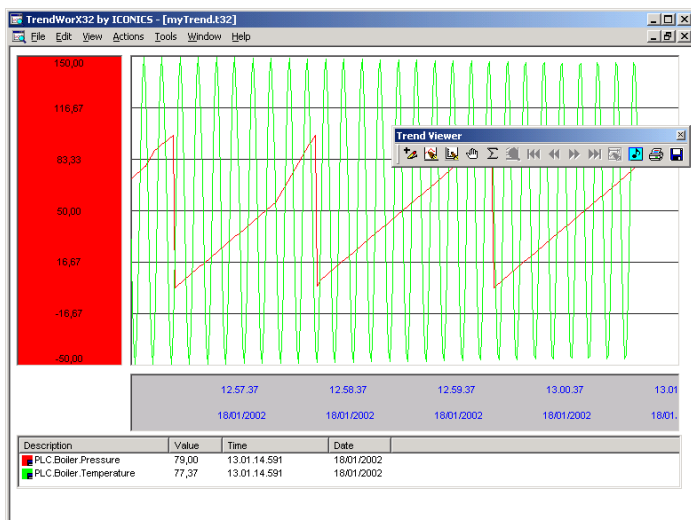


Fig1. Trend Container in action

Configuration

To configure the Trend Container, the following steps have to be completed.

1. Start the **TrendWorX32 Container**. Click Start, Programs, ICONICS GENESIS-32, TrendWorX32, TrendWorX32
2. Select **File, New** from the menu
3. Double-Click the Trend ActiveX in order to change its properties.

You can for instance specify the type of trend plotting such as strip chart, bar plot or logarithmic plot.

The two most important tabs are RATES and PENS. The rates tab specifies the time span of the window and the amount of samples being drawn. The pens tab allows you to specify the pens and their specific properties.

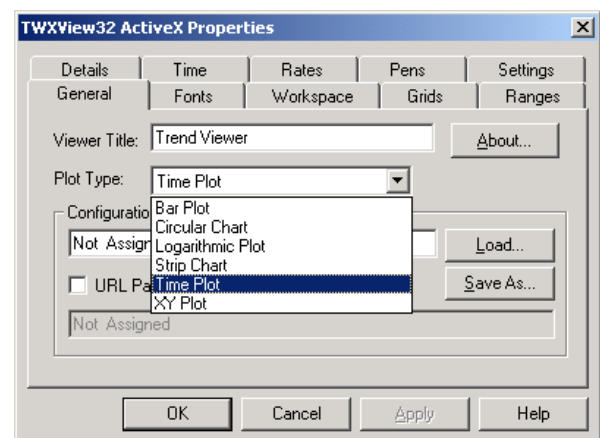


Fig2. Trend Viewer Properties

4. Select the **Pens** tab
5. Select **OPC Tags...** and Browse to your OPC Server and select the relevant tags.

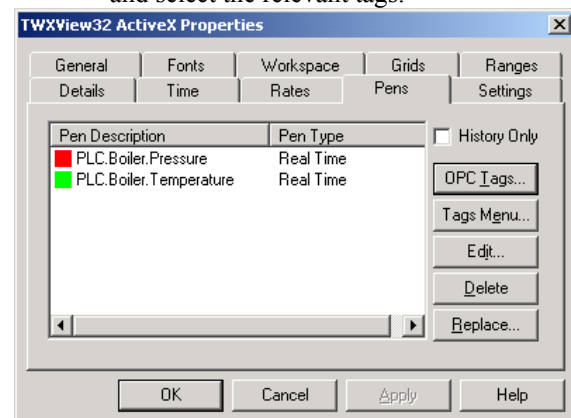


Fig.3 Configured Trend Pens

6. Click **OK**
7. Select **File, Save As** and specify **myTrend.t32** as the name for your trend document.
8. Click the traffic light to start **Runtime**