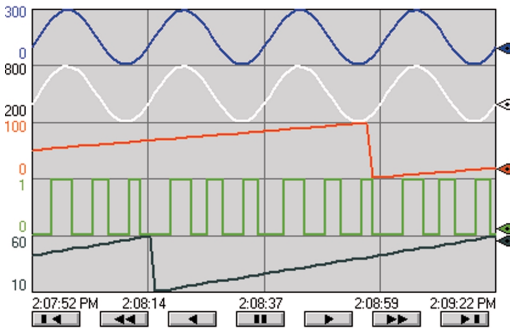


RSView32 TrendX™

Expand Your View
with Enhanced Trending

Overview

RSView32 TrendX™ integrates with RSView32™ to provide real-time and historical trending. Leveraging the power of ActiveX™, RSView32 TrendX is the new standard for open and flexible trending software.



Configure the TrendX control to display data from RSView32 data logs or tag database. Tag details such as tag descriptions, engineering units, min/max values, and analog or digital tag type are automatically imported from the RSView32 tag database. Access the ActiveX properties in both the design and runtime modes to configure features of the trend chart.

Highlights

RSView32 TrendX is fully compatible for use with clients in RSView32 Active Display System. You can individually configure the trend view on each runtime client without affecting the view on other clients. RSView32 TrendX can display historical data from multiple data log models. Add up to 100 pens (tags) on the fly, specify unique line configurations, and toggle between isolated and non-isolated graphing. RSView32 TrendX offers powerful features such as overlays, the XY Plot chart type, and click-and-drag zoom. Quickly print trends using the right mouse menu or the TrendX Print method.

Chart Configuration

You can easily customize the appearance of RSView32 TrendX charts.

Chart types

- Standard line chart plots each pen against time
- XY Plot plots one variable against another

Scrolling options

Determine how data scrolls across the chart by setting scrolling options. Scroll data manually, continuously, a half screen, or full screen at a time.

Chart appearance

- Configure the time span and y-axis to control the amount of data displayed on the chart's visible area.
- Zoom into and pan through data during runtime by clicking and dragging.
- Select a refresh rate to determine how often the chart updates with new data.
- Plot values as continuous lines, markers (plot symbols), or markers with connecting lines.
- Show pen indicators at the right of the chart with or without timestamps and numerical pen values.
- Display values in decimal, octal, or hexadecimal.
- Select the visibility, number, and color of gridlines.
- Show chart legend with tag names or descriptions.

Pen Configuration

An RSView32 TrendX chart can have up to 100 pens, configured individually for description, color, visibility, width, marker style, and line style. Configure the pen type as analog, digital or full width.

For greater flexibility, RSView32 TrendX allows you to change the settings of multiple pens at the same time. Since charts will typically contain multiple trend lines, you can choose the best view of your data.

Line scaling

- **Scale using line** displays all pens on the same scale as defined by the selected pen.
- **All lines on the same scale** uses the highest maximum and lowest minimum value to define the range for all pens.
- **Independent line scaling** displays each pen with its own range.

Line minimum and maximum

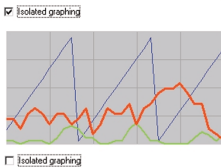
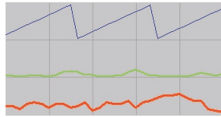
- **Automatic.** Adjusts the y-axis to fit the data based on actual data. As new data is read, the chart may re-scale to fit the data.
- **Preset.** Bases the minimum and maximum on the scaling configuration.



- **Custom.** Allows you to predefine the minimum and maximum, or use RSView32 tags.

Isolated graphing

- Isolated graphing plots each pen in a separate band of the chart.
- Non-isolated graphing plots all pens in the same area of the chart; lines may overlap.



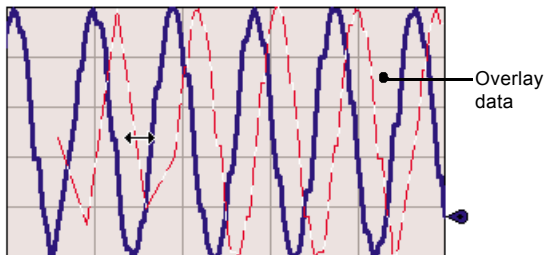
Runtime Flexibility

RSView32 TrendX provides exceptional flexibility at runtime. By selecting a point on the chart, RSView32 TrendX displays a value bar that indicates the date, time, and numerical values of the pens for that horizontal position.

In addition, RSView32 TrendX allows the operator to make changes to the chart at runtime, including adding or removing pens. During configuration, you determine which properties the operator can access at runtime.

Overlays

Create a snapshot of data and overlay it on a current real-time or historical trend. Use overlays to compare a snapshot of a single tag (pen) to the current data for the same tag.



Templates

Save the display options in a template, and then apply those options to other charts. Use templates to quickly display a set of different views of trend data.

Argentina • Australia • Austria • Bahrain • Belgium • Bolivia • Brazil • Bulgaria • Canada • Chile • China, People's Republic of • Colombia • Costa Rica • Croatia • Cyprus • Czech Republic • Denmark • Dominican Republic • Ecuador • Egypt • El Salvador • Finland • France • Germany • Ghana • Greece • Guatemala • Honduras • Hong Kong • Hungary • Iceland • India • Indonesia • Ireland • Israel • Italy • Jamaica • Japan • Jordan • Kenya • Kuwait • Lebanon • Macau • Malaysia • Malta • Mauritius • Mexico • Morocco • The Netherlands • New Zealand • Nigeria • Norway • Oman • Pakistan • Panama • Peru • Philippines • Poland • Portugal • Puerto Rico • Qatar • Romania • Russia • Saudi Arabia • Singapore • Slovakia • Slovenia • South Africa, Republic of • Spain • Sweden • Switzerland • Taiwan • Thailand • Trinidad • Tunisia • Turkey • United Arab Emirates • United Kingdom • United States • Uruguay • Venezuela • Vietnam • Zimbabwe

Object Model

Like RSView32 itself, RSView32 TrendX exposes an object model that provides programming access. You can also use RSView32 command lines to examine or set the properties of TrendX objects.

Recommended Requirements

RSView32 TrendX requires RSView32 version 6.1 or later. Recommended requirements for RSView32 TrendX are based on the requirements for RSView32.

- **Recommended hardware.** Personal computer with 200 MHz Intel® Pentium® processor and 64 MB of RAM. Individual applications may require a faster processor more RAM.
- **Recommended operating system.** Microsoft® Windows NT® Workstation, version 4.0 with Service Pack 6 or 6a. Windows® 95/98 and Windows 2000 (requires RSView32 6.3) are also supported.

For detailed recommendations, check the Rockwell Software Support Library, <http://support.software.rockwell.com/supportlibrary/> and search for tech note A1191.

Related Documents

For a white paper comparison between RSView32 TrendX and RSView32 native trending, check the Rockwell Software Support Library and refer to tech note A1227.

RSView32 literature available through The Automation Bookstore: www.theautomationbookstore.com.

- **RSView32 Product Focus brochure** – 9398-VIEW32PF
- **RSView32 Technical Data sheet** – 9398-VIEW32TD
- **RSView32 Sampler & Tutorial** – 9398-VW32SCD

For More Information

For more information on the latest pricing or a demonstration of any Rockwell Software product, please contact your local Rockwell Automation sales office or authorized Allen-Bradley distributor. For the very latest on Rockwell Software products, visit our website at:

www.software.rockwell.com