

Monitor plant-floor operations from virtually any location

Advantages

- Web-based HMI expands access to plant-floor applications to users virtually anywhere
- Lowers total cost of ownership – no client software to install and maintain
- Leverages user familiarity with the features of today's most popular browsers to provide an intuitive and familiar user experience
- Fully scalable, animated Web applications viewable in the office, at home or on the road
- Systems Integrators can monitor customer applications
- Share FactoryTalk ViewPoint displays with colleagues
- Quickly set up and send Hot Links for access to critical information
- Perform tasks in a rich, interactive browser experience
- Comprehensive solution for FactoryTalk View and PanelView Plus applications

"HMI Software that utilizes flexible, multi-functional, interoperable platforms as well as the capability to provide thin-client interfaces with other platforms is driving factory visibility and intelligence. FactoryTalk ViewPoint fulfills this requirement providing users with another tool for accessing critical plant floor data." - ARC Advisory Group



Visualize your FactoryTalk® View displays using a Web browser.

In the office. At home. On the road.

Now you have on-demand access to important information about your plant or process from a Web browser...perfect for remote users! With FactoryTalk® ViewPoint, plant managers, supervisors, OEMs, System Integrators and other key stakeholders can now easily access and monitor plant floor operations from virtually any location. Fully scalable, fully animated views make FactoryTalk ViewPoint the perfect tool for new levels of collaboration.

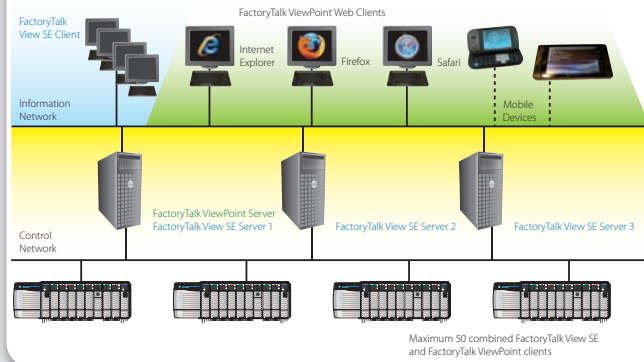
As an add-on to FactoryTalk® View Site Edition and PanelView™ Plus FactoryTalk ViewPoint delivers a rich, interactive experience. You gain the simplicity of standard browser navigation and new degrees of access to critical FactoryTalk View information all in a Web browser. The thin-client configuration means no client software to install or maintain, helping to lower total cost of ownership.

Central to the application, FactoryTalk ViewPoint capitalizes on the same Microsoft® Silverlight™ 3 functionality that CBS uses to power College Sports Network coverage onto personal computers, portable and remote devices. FactoryTalk ViewPoint represents one of the first commercially available, thin-client applications for manufacturing using this new, rich Internet applications technology. Silverlight is a plug-in allowing you to experience fully animated and scalable graphic displays from a diversity of devices.

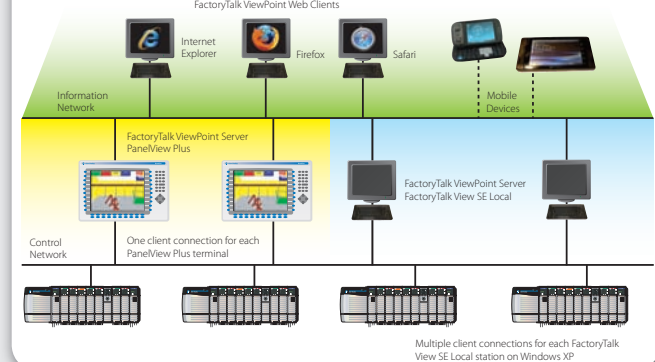
Accessing plant operations data can now keep up with your busy schedule wherever you are. Read more about examples and see demos at <http://discover.rockwellautomation.com/HMI>.

FactoryTalk ViewPoint Server Options

FactoryTalk View SE Network



PanelView Plus and FactoryTalk View SE Local



Versatility comes from the FactoryTalk ViewPoint ability to support several platforms including FactoryTalk View SE Network, FactoryTalk View SE Station, PanelView Plus and PanelView Plus CE 700 - 1500 terminals.

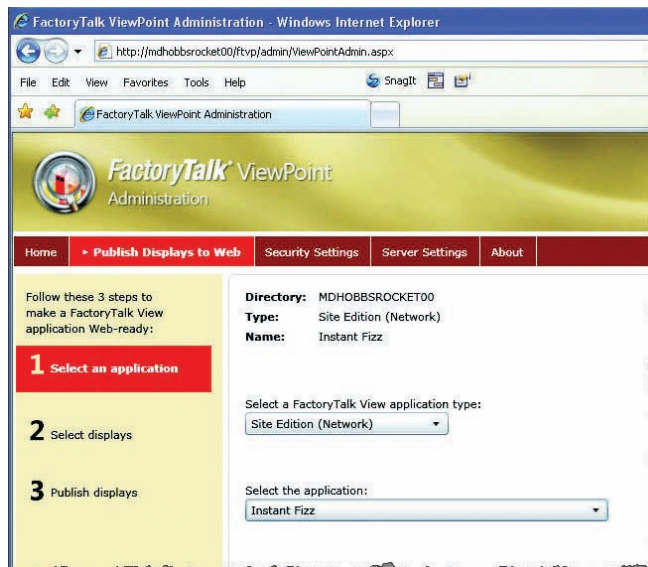
FactoryTalk ViewPoint Client and Server

FactoryTalk ViewPoint Client Features

- Rich, interactive user experience
 - › High quality graphics
 - › Fully scalable graphics displays
 - › Full animation
 - › Real-time display updates
 - › Consistent HMI navigation with FactoryTalk View
- Core FactoryTalk View functionality on the Web
 - › Drawing objects
 - › Numeric and string displays
 - › Indicators, messages and bar graphs
 - › Simplified alarm and trend controls for casual users*
 - › Supports global objects, embedded variables, parameters and docked displays*

FactoryTalk ViewPoint Server Features

- Provides web-based tools for creating FactoryTalk ViewPoint applications and setting up security to connected Web browsers
- Serves web-enabled FactoryTalk View graphic displays to connected Web browsers.
- Create FactoryTalk ViewPoint Web applications
 - › Easily publish displays to FactoryTalk ViewPoint Server
 - › No application changes are necessary
 - › Connect directly to FactoryTalk ViewPoint server to view displays
- › Convenient publishing reports are provided
- › Changes to published displays automatically synchronized on the FactoryTalk ViewPoint server
- › Validate user access with Security
- › Secure access to FactoryTalk ViewPoint Web applications and administration site
- › Assign FactoryTalk and Windows linked users as viewers, administrators or both
- › Enable or disable security easily



Select your application, choose your displays and publish to FactoryTalk ViewPoint Server.

* not supported for PanelView Plus



Leverages the features of today's most popular browsers for an intuitive and familiar browser experience.

Benefits

- Helps lower total cost of ownership. No application software has to be installed and maintained on client device.
- Extends visualization and real-time decision capabilities to browser-based remote users, including plant managers, supervisors and mobile workers.
- Provides quick, easy access to critical information from the office, home or on the road using the simplicity of a web browser.
- Supports multiple browsers and client devices for increased flexibility.
- Allows FactoryTalk View projects to be easily web-enabled without requiring application changes.
- System Integrators and OEMs can monitor customer installations from any location. Connect to customer sites, perform diagnostics, or provide remote support without having to actually be at the end-user's site.

Client and Server Requirements

Clients:

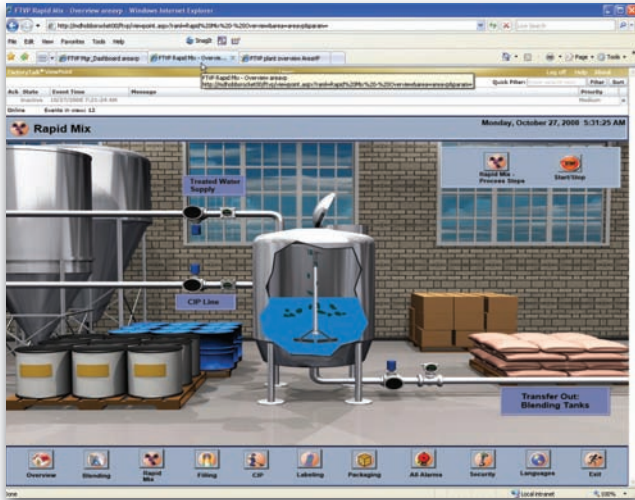
- Microsoft® Windows Vista®, Windows Server® 2003, 2008 or Windows XP
- Internet Explorer 6 and 7 and Firefox browsers
- Microsoft Silverlight 3

Servers:

- Microsoft Windows Server 2003, 2008, Windows XP or PanelView Plus
- Microsoft Windows .NET 3.5 SP1
- Internet Information Server (IIS)

Alternative to Terminal Services

There is no replacement to terminal services, but there is an alternative. It offers a lower-cost solution that is easy to configure and maintain. The FactoryTalk ViewPoint server is a smaller piece of software that uses less bandwidth and system resources, ultimately lowering total cost of ownership. An advantage of maintaining a small footprint is the availability to run not only on desktop computers, but also PanelView Plus.



FactoryTalk ViewPoint fully integrates with the FactoryTalk Services Platform for reduced engineering, operations and training costs.

FactoryTalk Services

FactoryTalk Services are the foundation of the FactoryTalk Integrated Production and Performance Suite and FactoryTalk ViewPoint integrates perfectly. FactoryTalk Services give you a flexible solution consisting of activation procedures, a common address book, centralized authentication and access control, and uniform diagnostics that can help reduce costs and extend the life cycle of your existing investments.

Get More Information

For ordering information contact your local Rockwell Automation sales office or Allen-Bradley distributor. Or learn more by visiting <http://www.rockwellsoftware.com> or <http://discover.rockwellautomation.com/HMI>.

Case Study

Web-enabled HMI finds a home on the road, in the office and at home

Information is power in the highly competitive manufacturing and production markets. Carefully monitoring a batch to head off potential problems can save thousands of dollars in lost product. At one major manufacturing company, the plant manager struggled to communicate the real-time production information to key operational personnel. Without being logged in to the main server, many of these managers were unable to access key dashboards while out of the office.

FactoryTalk ViewPoint provided the answer. The thin-client application gave the plant manager, production supervisor and maintenance manager the ability to remotely access critical visualization displays and alarms of any part of the plant in real time. Now, regardless of location, each could monitor production

and equipment status from any location. Being able to monitor and perform diagnostics on visualization systems without actually having to be in the plant dramatically improved their ability to access and use real-time data to make critical production decisions.

“FactoryTalk ViewPoint changed the way I share plant floor data,” says the production manager. “Giving my co-workers real-time access to critical information from any location saves me significant time in having to capture information manually and route it around. Plus it’s all in real time.”

The team quickly found added value in establishing Hot Links and sharing folders with important production data. It all proved that while there is indeed value in gathering information, sharing it is even more powerful.

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