

# PanelView 5500 Operator Interface



## Featuring Studio 5000 View Designer

To help you optimize productivity, Rockwell Automation has expanded its portfolio with the PanelView™ 5500 operator interface and Studio 5000 View Designer®.

View Designer is included as part of the Studio 5000 Automation Engineering & Design Environment®, allowing engineers to enter configuration information only once and leverage it across the entire automation design system. The integration of the PanelView 5500 with Studio 5000 View Designer helps you build modern applications more easily and make data-driven decisions faster.

## Features and Benefits

### Enhanced integration with Logix

- Logix-based alarms are automatically available on the PanelView 5500 – eliminating additional configuration
- High-speed HMI buttons provide quick response and feedback for machine jogging applications
- Logix tag extended property support helps develop richer content

### Increased productivity with intuitive design environment

- Intuitive navigation menu reduces configuration time
- Scalable vector graphics automatically adjust objects and screens to any terminal size
- Create custom, re-usable Add-on Graphics to more efficiently build your applications



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# Intuitive, Modern Design

## PanelView 5500

- Wide range of display sizes from 7" to 19" with wide screen, touch and keypad options
- EtherNet/IP with DLR and embedded switch technology supports ring topology for network fault tolerance and reduced downtime
- Tool-less mounting clips decrease installation time
- AC/DC power options enable usage in all applications
- Simplified application deployment:
  - Automatic terminal scaling
  - Download projects easily without using a separate file transfer utility

## Studio 5000 View Designer

- Preconfigured system banner, alarm summary, and diagnostic displays reduce design time and offer a consistent user experience
- Searchable toolbox of graphic elements that have built-in animations to simplify configuration
- Enter information once and leverage it across the architecture
  - Eliminate redundant configuration / programming
  - Build systems faster and with fewer errors
  - Create custom, re-usable Add-on Graphics to improve productivity when building your applications

*Offering a scalable,  
modern design with a  
slim, aluminum bezel*



## Improve Operator Performance

With the pre-built content available, you can develop applications faster. The PanelView 5500 was designed with features to maximize the display area, enabling more space for application content. This helps increase operation efficiency and may allow the use of a smaller terminal to address your application.

- The navigation button displays an intuitive navigation menu that helps optimize screen display area and includes default options for user screens, alarms, settings and diagnostics
- A pre-configured system banner provides alarm roll-up and diagnostic indicators to help reduce design time and offer a consistent user experience
- High-speed HMI buttons provide quick response and feedback for machine jogging applications
- Smart run-time error notifications help identify and manage issues quickly



Pre-built content helps create an easy-to-use view into an application

Customizable system banner to provide system information on your screens

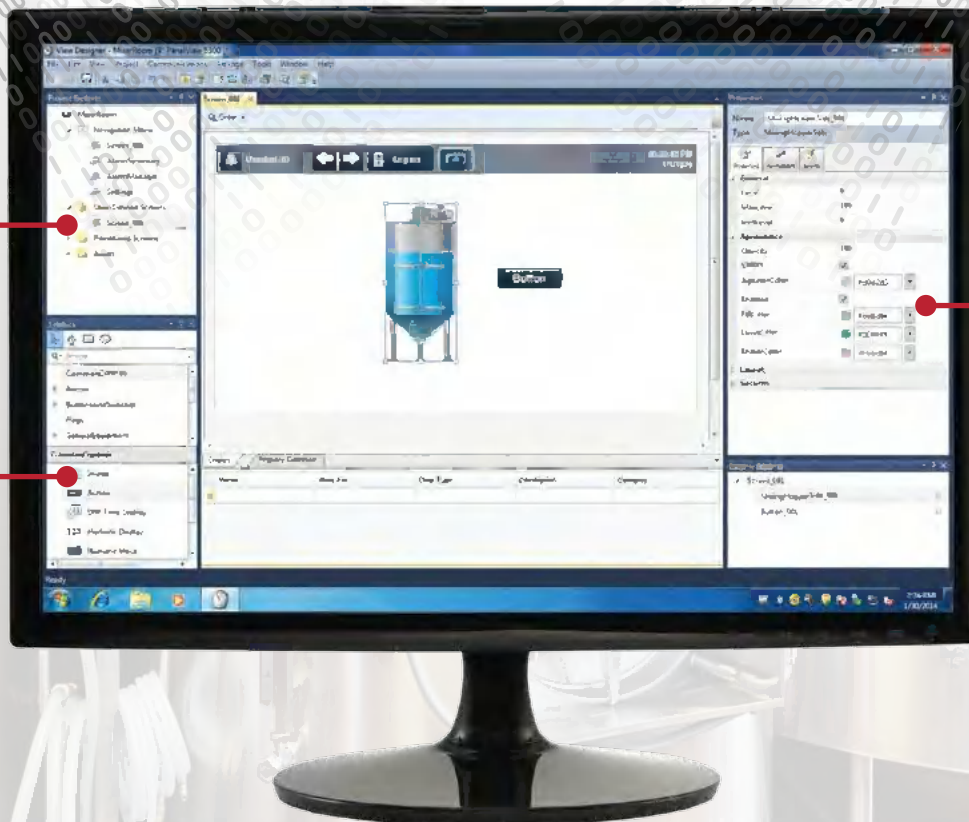
Navigation button easily displays configured alarms, diagnostic and setting information

## Enhanced Logix Integration

The Studio 5000 Logix Designer® and Studio 5000 View Designer applications now have the ability to automatically share tags, alarms, and other data – providing new levels of integrated design, operations, and maintenance.

- Shared Logix tags help simplify engineering time by allowing your controller tags to be used in your terminal without having to create HMI tags

- Logix-based alarms are automatically available on the PanelView 5500 to eliminate additional alarm programming and help to reduce network traffic
- High-speed button control – deterministic and auto diagnosing buttons can interact with the Logix controller at I/O speeds
- Runtime language switching will switch static screen text, tag descriptions and alarm messages from the Logix controller.



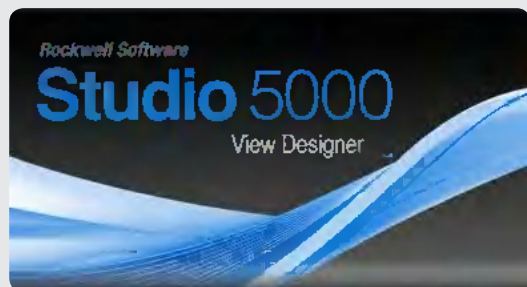
**Project Explorer**  
to easily develop  
screens and menus

**Searchable toolbox**  
of graphic elements  
for screens

**Properties pane** to  
configure elements  
consistently

*Integrated data  
sharing between  
Studio 5000  
View Designer  
application and  
Logix system*

## Studio 5000 View Designer Software



- High-speed HMI button
- Logix-based alarms
- Navigation menu
- State tables
- Pre-defined Logix integration content
- Real-time trending
- Multi-language support with language switching
- Flexible property binding and command actions
- Alignment guides
- Application Limitations: 1 controller only (supporting ControlLogix L7, L3, L2, and L1 processors), Studio 5000 Logix Designer V27 and newer, 50 screens maximum, recommended 500 alarms maximum

## PanelView 5500 Operator Terminal

Display Sizes with Catalog Numbers	7" Touch - 2715-T7CD and 2715-T7CA 7" Keypad - 2715-B7CD and 2715-B7CA 9" W - 2715-T9WD and 2715-T9WA 10" Touch - 2715-T10CD and 2715-T10CA 10" Keypad - 2715-B10CD and 2715-B10CA 12" W - 2715-T12WD and 2715-T12WA 15" Touch - 2715-T15CD and 2715-T15CA 15" Keypad - 2715-B15CD and 2715-B15CA 19" W - 2715-T19CD and 2715-T19CA
Display Type	Color TFT LCD, 18-bit Color Graphics (262,144 colors), LED backlight
Touch Screen	Analog Resistive
RAM	512 MB
Nonvolatile Storage	250 MB
Ethernet	Two 10/100 Base-T, Auto MDI/MDI-X Ethernet ports that support (device-level ring) DLR, linear, or star network topologies
Input Power Options	DC models: 24V DC nom (18...30V DC) AC models: 100...240V AC
Temperature, Operating	7-inch...15-inch terminals: 0...55 °C (32...131 °F) 19-inch terminals: 0...50 °C (32...122 °F)
Relative Humidity	5...95% without condensation
Certifications	cULus listed; Class 1, Div 2, Groups A, B, C, D; KCC; CE (EMC); CE (LVD); RoHS; RCM
Enclosure Ratings	NEMA and UL Type 12, 13, 4X, also rated IP66 as Classified by UL
Software	Studio 5000 View Designer

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