### FactoryTalk<sup>®</sup> View Machine Edition

Versatile Machine-Level HMI Providing Software Flexibility

FactoryTalk® View Machine Edition (ME) software is a versatile HMI application that provides a dedicated and powerful solution for machine-level operator interface devices. As an integral element of the Rockwell Automation® visualization solution, FactoryTalk View Machine Edition provides superior graphics, runtime user management, language switching and faster commissioning time to Rockwell Automation terminal- or PC-based applications.



### **Features and Benefits**

#### **Premier integration with Logix controllers**

- No need to create and maintain a separate HMI tag database define tags once in the Logix controller, then access them throughout your system
- Language switching happens in the controller with no import/export necessary

#### **Productivity and Compliance**

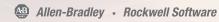
- Save design and troubleshooting time with rich, reusable graphics and animation capabilities, global objects and a library of faceplates that show status and diagnostic information
- Save commissioning time by emulating the application on the design workstation
- Design time language switching delivers the ability to configure multiple languages that easily switch at runtime
- Build solutions that enable an application to meet validation requirements by using secured change control and an operator audit trail

#### **Platform Support**

- Operating systems include Microsoft<sup>®</sup> Windows 10, Windows 8, Windows 7 and more
- Supports PanelView<sup>™</sup> Plus 6, PanelView<sup>™</sup> Plus 7, MobileView<sup>™</sup> and ME Station running on an industrial computer
- Legacy products can be easily upgraded to the latest FactoryTalk<sup>®</sup> View ME version

#### Mobility

- Access your plant floor terminal from anywhere at any time with virtual network computing (VNC)
- Extend your applications to your favorite iOS or Android mobile device for improved real-time decision making using FactoryTalk® ViewPoint
- Publish HMI screens as-is or create mobile device-specific screens with FactoryTalk ViewPoint for better visibility on a smaller screen





Factory**Talk**°



### **Engineering and Maintenance**

Delivering tools to quickly develop applications and easily maintain systems

#### **REDUCE DESIGN AND COMMISSIONING TIME**

- Common installation process for Logix Designer, View Designer and FactoryTalk® View interfaces
- Extended tag properties with translated text exist in the controller and can be accessed by the HMI, helping to reduce duplication errors and streamline the design
- Find and Replace function provides an efficient way to update within a project
- Cross Reference capability generates a list of tag reference locations in a project with a hot link to jump to each specific location
- Design time language switching simplifies commissioning time, enabling you to quickly verify the localized content on your displays
- Global Objects allow you to create a core set of graphic functionality that can be reused on multiple graphic displays or use multiple instances on one graphic display
- Emulation mode allows applications to be tested on a PC device before downloading to a terminal
- Utilizes CSV import/export of Data Model configuration
- Imports many legacy applications

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### **Operations**

Delivering robust products that have easy to understand display screens, guick access to alarming and system-wide diagnostics.

#### **EXPAND MACHINE FLEXIBILITY AND CAPABILITY**

- Data logging enables you to capture historical process data, which can then be displayed on a trend along with real-time data, giving operators an overview of operational data
- Increase efficiency by easily downloading consistent machine setup or product recipe information using the recipe function
- Connects to both Rockwell Automation<sup>®</sup> and non-Rockwell Automation devices
- Up to five displays can be launched at startup, giving operators access to all the information they need with a flexible interface design

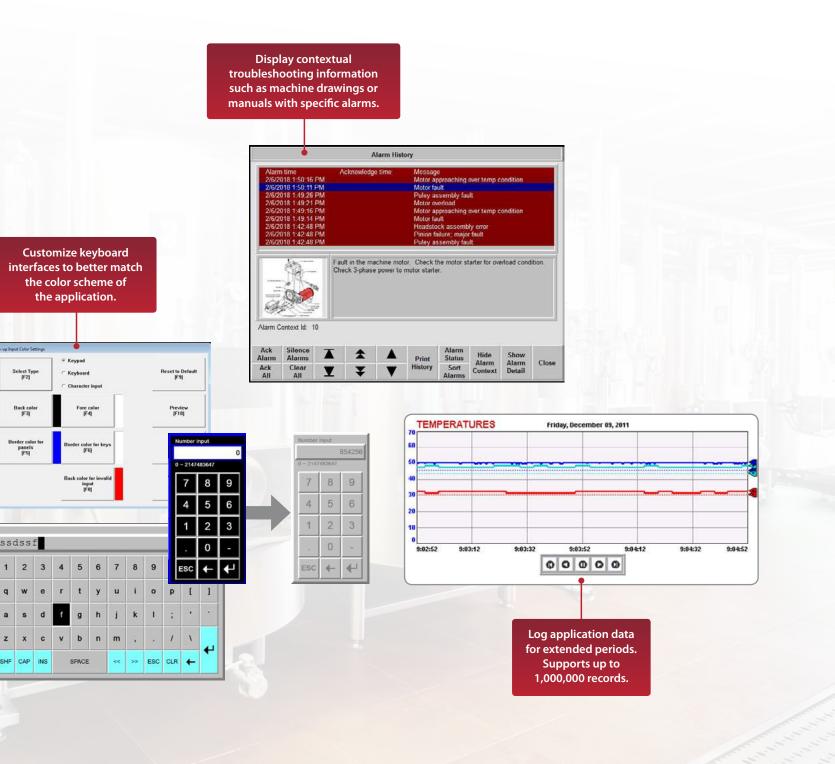
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- Language switching allows operators and maintenance personnel to guickly switch the HMI screen to their native language, reducing training, downtime and troubleshooting time
- Alarm Identifiers allow an application to provide additional information for an alarm by displaying videos or PDF files for the operator based on the specific alarm they are viewing
- Built-in keyboard, keypad and character input interfaces are customizable to match preferred color schemes for an organization, giving operators a consistent user interface
- Onboard audit trail and user verification with electronic signature records let you manage change and comply with regulations



## **Graphic Terminals**

Directly access non-controller devices as data sources to improve communications, timing and production

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PanelView Plus has built-in device level ring (DLR) Ethernet capabilities and resistive touch screen.

> MobileView<sup>™</sup> Tethered Operator Terminals put the view of your application in your hands.

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Onboard audit trail and user verification with electronic signature records let you manage change and comply with regulations.



### **Extending Your HMI**

Delivering anytime, anywhere access to contextualized manufacturing data for more informed, faster business decisions.

#### MAKE YOUR HMI MOBILE

FactoryTalk® ViewPoint allows you to view and interact with your terminal-based FactoryTalk View Machine Edition (ME) applications from a web browser or your favorite mobile device, providing continuous system visibility and improving real-time decision-making. Factory Talk ViewPoint delivers:

- A truly interactive web-based HMI experience without requiring any additional development
- Configurable security to provide users with read-only or read-write access
- Real-time trending
- A maintenance free, browser-based client with no additional software to install and configure
- Support for Windows, iOS and Android with HTML 5 rendering
- Option to develop alternate mobile displays allows different users, such as operators and plant management accessing the same terminal via a mobile device, to view information that is relevant to them

FactoryTalk® ViewPoint is included with PanelView Plus firmware. AllaneBradlay

No license or FactoryTalk Activation required. Compatible with PanelView Plus 6/7 Standard and Performance form factors.

PanelView Plus

Supports a single client connection.

# More Information Visit us at: https://www.adtech.co.th Contact us at: ADVANCED TECHNOLOGIES CO.,LTD. 79/11 Soi Bangkrang 42 , Bangkruai-Sainoi Road, Bangkrang, Muang, Nonthaburi 11000, Thailand Tel: +66 2 926 2311-12 Fax: +66 2 903 5481 Email : sales@adtech.co.th Opening Hours : 8:30 AM - 5:30 PM (Monday - Friday)

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