

# FactoryTalk View Machine Edition Station 5.10.08

## Release Notes

### General Information

The following release notes contain information about the new FactoryTalk View Machine Edition Station 5.10.08 Firmware Update for all the associated enhancements and anomalies listed below. The updates have been included in a new firmware installation of FactoryTalk View Machine Edition Station 5.10.08, available for download from the Rockwell Automation Support Webpage. For the download link, see the [How to Get Firmware Updates](#) section.

### Applicable Hardware

- PanelView Plus (PVP) 400/600 and 700-1500 terminal types
- PanelView Plus CE (PVPCE) 700-1500 terminal types
- PanelView Plus Compact (PVPC) 400, 600, and 1000 terminal types

### Applicable Software

FactoryTalk View Machine Edition Station Firmware Revisions

- 5.10.00, 5.10.01, 5.10.02, 5.10.03, 5.10.06, 5.10.08

### Component Revisions

The following table identifies the new component version information after FactoryTalk View Machine Edition Station 5.10.08 is installed.

Product	FactoryTalk View ME	OS
PVP 400-600	5.10.08	4.01.019
PVP/PVP CE 700-1500	5.10.08	2.07.02
PVP Compact 400, 600	5.10.08	4.01.019
PVP Compact 1000	5.10.08	2.07.02

**Important:** All FactoryTalk View Machine Edition Station Firmware Updates are cumulative, so the latest available firmware release includes all previous release updates.

### What's New in 5.10.08?

FactoryTalk View Machine Edition Station 5.10.08 firmware contains updates for PanelView Plus, PanelView Plus CE, and PanelView Plus Compact terminals.

FactoryTalk View Machine Edition Station 5.10.08 includes the following enhancement:

- Compatibility with the new 5370 Logix Controllers that were introduced in Logix v20.

## Corrected Anomalies

The following anomalies have been identified and corrected in the FactoryTalk View Machine Edition Station 5.10.08 firmware release.

CQ ID	Anomaly	Resolution
291812	Clear Alarm History button clears all alarms regardless of any configured label.	'Clear Alarm History' button only clears alarms displayed using triggers with the configured labels.
291814	When two alarm messages are set to display with one trigger, when the trigger is off, one message may not disappear.	This problem is resolved.
292127	When setting the Alarm History buffer to 5000 and the buffer is full, ME application responds slowly and CPU utilization reaches near 100%.	This problem is resolved.
291968	Datalog cannot record ControlLogix DINT tags when communicating to a Logix v18 processor.	Datalog records ControlLogix DINT tags when communicating to a Logix v18 processor.
271000	If you use filtering and AllTriggers, when you close the Alarm display and re-open it or if the Alarm display was not open when the alarm came in, all the alarms disappear even if the alarm triggers are still active.	If you use filtering and AllTriggers, the alarms do not disappear if the alarm triggers are still active.
296046	When option Queue new alarms is selected, the Alarm banner closes after acknowledging the displayed alarm instead of displaying the next queued alarm.	Alarm banner displays the next queued alarm after acknowledging the displayed alarm when the option Queue new alarms is selected.
288481/267657	Domain name is not stored or appended to each ME login by ME or the PVP terminals, so users have to enter the domain name each time they login.	Domain name is now stored and appended to each ME login so it does not need to be reentered,
292402	If text objects use position type animations (such as width, height, vertical/horizontal position, or vertical/horizontal slider), they do not display with correct sizes when the display first opens.	Text objects display with correct sizes when the display first opens. This problem is resolved.
271414	ASCII characters are byte swapped when read or written as an INT data type with the SC modifier.	ASCII characters are read and written correctly as an INT data type with the SC modifier.
271304	ControlLogix L72 and ControlLogix L74 are not supported by firmware v5.10.06.	ControlLogix L72 and ControlLogix L74 are supported by firmware v5.10.08.
273627	PVP freezes when connecting to Logix V18 or V19 controller for 5s and gives error message CIP connection(0) failed on route.	This problem is resolved.
291788	When using a USB printer to Print Alarm History, the date and time fields may be reversed	This problem is resolved.
295627	Users could not shutdown the applications occasionally.	This problem is resolved.

## Known Anomalies

The following anomalies have been identified in the FactoryTalk View Machine Edition Station 5.10.08 firmware release.

ID	Anomaly	Description
67759	PanelView Plus 400-600 series A terminals do not have enough available user space (< 5MB) to perform a successful upgrade to CPR 9.	<p>PanelView Plus 400-600 series A terminals are required to have 5MB (megabytes) of available user space in order to upgrade to FactoryTalk View Machine Edition 5.00. If there is not enough space available, the upgrade may not complete.</p> <p>Workarounds: Consult Answer ID# <a href="#">38353</a>, FactoryTalk View Machine Edition 5.00 (CPR9) memory / space checks performed during a firmware upgrade for more options.</p> <p>Work with your sales representative to trade in your PanelView Plus 400-600 series A for the latest version, which has 20MB of user application space.</p>

























## When to Perform an Update

If any of the listed anomalies appear similar or identical to symptoms experienced on your terminal(s) software or hardware, it is **highly** recommended that you perform an update to the listed firmware release to resolve any potential issues.

## How to Get Firmware Updates

FactoryTalk View Machine Edition Station Firmware Updates are available from the following Web location, <http://support.rockwellautomation.com/ControlFlash/FUW.asp>.

After signing in, a selection of updates will become available for download. Here is an example of what you will see at the Web location:

FactoryTalk View ME Platforms					Communication Card Firmware	
	ME 5.1 Releases	ME 5.0 Releases	ME 4.0 Releases	ME 3.2 Releases	DeviceNet Upgrades	ControlNet Upgrades
AFS Date and Info	02/09/2011	08/13/2010	05/13/2009	05/13/2009	02/07/2007	02/07/2007
FactoryTalk View ME	5.10.06	5.00.09	4.00.15	3.20.11	3.016	3.10, 4.10
ENGLISH						
Release Notes						
PVPLUS 700-1500						
PVPCE 700-1500						
PVPlus 400/600						
PVPlus Compact 400/600						
PVPlus Compact 1000						

For PanelView Plus 6 and PanelView Plus 6 with Extended Feature, click here -> [FactoryTalk View ME 6.0](#)

**Note:** Only select the FactoryTalk View Machine Edition Station Release version that applies to your actual hardware configuration. The available selections may appear different from what is shown here.

### Firmware Upgrade Wizard Incompatibility

**Important:** You may require specific software revisions to complete firmware upgrades once you have downloaded the update. This table indicates what firmware upgrades can be completed given the specific software version used.

Software Version	5.10.xx	5.00.xx	4.00.xx	3.20.xx	3.10.xx
FactoryTalk View ME 5.1	Supported	Supported	Supported	Supported	Supported
FactoryTalk View ME 5.0	Upgrade Req.	Supported	Supported	Supported	Supported
RSView ME 4.0	Upgrade Req.	Upgrade Req.	Supported	Supported	Supported
RSView ME 3.2	Upgrade Req.	Upgrade Req.	Upgrade Req.	Supported	Supported
RSView ME 3.1	Upgrade Req.	Upgrade Req.	Upgrade Req.	Upgrade Req.	Supported

**Note:** The “xx” indicates the specific firmware release number.

### Firmware Update Video Tutorial

The Rockwell Automation Technical Support page also includes a Firmware Upgrade Wizard (FUW) Video tutorial available for download. This video demonstrates step by step how to create an upgrade card, update a terminal over a network, and identifies any additional steps to ensure a successful update of your terminal. It is **highly** recommended that this tutorial be reviewed prior to updating any terminals.

The FUW Video tutorial can be downloaded from the following link:

- [http://support.rockwellautomation.com/updates\\_old/FirmVideoSpool.asp?Name=FirmwareUpgradeVideo.exe](http://support.rockwellautomation.com/updates_old/FirmVideoSpool.asp?Name=FirmwareUpgradeVideo.exe)

### Rockwell Automation Knowledgebase Documents

Additional information regarding FactoryTalk View Machine Edition Station updates can be found in Rockwell Automation’s Knowledgebase. The following Knowledgebase documents may identify possible workarounds if firmware updates are not a viable option at this time.

Knowledgebase Link: <http://rockwellautomation.custhelp.com/>

**Answer ID:** 65735

**Title:** FactoryTalk ViewPoint does not support KEPServer Enterprise on PanelView Plus

**Answer ID:** 63146

**Title:** Changing internal CF card on PV+ Compact is not supported

**Answer ID:** 38353

**Title:** FactoryTalk View ME 5.00 (CPR 9) memory/space checks performed during a firmware upgrade

**Answer ID:** 38492

**Title:** PanelView Plus CE and VersaView CE SDK Compatibility

**Answer ID:** 37918

**Title:** Unable to Install VersaView CE Extensions on PanelView Plus CE

**Answer ID:** 37922

**Title:** Using RSLinx Classic or Enterprise, a PanelView Plus CE appears as a VersaView CE or a VersaView CE appears as a PanelView Plus CE

**Answer ID:** 38498

**Title:** PanelView Plus CE incompatibility issues

**Answer ID:** 32665

**Title:** RSView 4.00 Working with Global Objects

## **FactoryTalk View ME Release Notes History**

### **What's New in 5.10.06?**

FactoryTalk View Machine Edition Station 5.10.06 firmware contains updates for PanelView Plus (PVP), PanelView Plus CE, and PanelView Plus Compact terminals.

FactoryTalk View Machine Edition Station 5.10.06 includes the following enhancement:

- Support for displaying the Network settings on ME Station home screen, including Device Name, IP Address, Subnet Mask. ME Station only displays IP Address and Subnet Mask from the built-in adapter KS88411. ME Station refreshes the Network information every 60 seconds.

### **Corrected Anomalies**

The following anomalies have been identified and corrected in the FactoryTalk View Machine Edition Station 5.10.06 firmware release.

<b>CQ ID</b>	<b>Anomaly</b>	<b>Resolution</b>
269964	In an application, the Goto Display button is used to switch from display A to display B. If the parameter contained in the parameter list is a phrase containing spaces, then this parameter will not be displayed correctly in the terminal.	This issue has been corrected. The parameter that contains spaces will also be displayed correctly in the terminal.
269969	The piloted control list object has an HMI Device tag assigned to the Value; Remote Access = 0; it is in Operator Mode. Select a state (not State 0) in the piloted control list object and switch to another screen display and come back to the original display quickly. The first entry may be highlighted. That entry value may be written to the tag.	When you switch between displays, the value of the first entry will not be written to the tag.
269950	When you use a Numeric Input object to perform a write operation on a long real Alias tag, a memory leak occurs if the tag's initial value is set to the maximum value.	No memory leak happens when you set the initial value of a Numeric Input object to the maximum value.
269955	When you execute the Recipe Delete command against a recipe file located on the network which you only have read-only control, the command will fail as expected. But after this failure, when you execute other recipe commands, you will get an error message. If you click the shutdown button, another error message pops up, and the terminal seems to hang there.	This problem has been fixed, no abnormal behavior happens now.
269960	If you set the minimum value and	The UI field overlap problem has been fixed.

	maximum value length to be too long in numeric input cursor point object properties, then the UI fields will overlap.	
269972	Certain keys in the keypad emulator are unable to keep pace when users touch the keys quickly.	All keys in the keypad emulator now keep pace when users touch the keys quickly.
269968	If you use isolated graphing when having over 2 pens, the pen lines displayed are swapped.	The pen lines now display as configured.
269951	When the alarm banner loses focus to the alarm list and the highlighted alarm is already acknowledged, the Acknowledge Alarm button does not do anything when clicked, even though the Linked Object property is set to alarm banner.	This issue has been fixed. Alarms in the alarm banner will be acknowledged when clicking the Acknowledge Alarm button.
269965	Not all of the alarms are able to be printed out when terminal is configured to print after certain number of alarms.	All alarms will be printed out no matter what number the terminal is set to print after.
269971	After you click the Rename button to rename a recipe, the edit dialog that appears will always show "Unit #" as the recipe name instead of the real name.	The edit dialog displays the recipe name for the recipe being edited.
269970	If you embed a floating point HMI tag in the caption of a Numeric Input Enable object, some rounded values ending with "##0.0" would be truncated to "##0". For example, "9.96" should display as "10.0", but it displays as "10".	The problem has been fixed. No rounded values get truncated.
270765	A Goto Display Button is configured to open screen A, which has a tag from a V19 controller. After you click the button, it takes several seconds to open screen A.	Screen A opens immediately after you click the Goto Display Button.
270393	An invalid CLX tag name does not generate an error message in FactoryTalk Diagnostics.	An error message opens when you add an invalid CLX tag.
269489	Set the tag data type to be INT[X]. If you use SC modifier to read or write the tag, the byte order in each word will be reversed.	Now when you use SC modifier to read or write the tag, the byte order in each word will not be reversed.
269698	LogixDP does not use dedicated CIP connection for writes, which causes long time taken for writes and communication loss.	LogixDP uses dedicated CIP connection for writes. Long time taken for writes and communication loss are also prevented.
269223	After the user changes the CPU from unsecure mode to secure mode and restarts the FactoryTalk View SE Client, the communication is totally lost and client wireframes.	This problem has been fixed.
287471	If you press controls on terminal and change values when browser is connected to terminal, LDPoolGateway shuts down after a short period of time. Before ViewPoint shuts down, the controls	LDPoolGateway will not shut down, and ViewPoint will operate properly.

	wireframe and come back periodically. This may happen numerous times before ViewPoint crashes.	
EOI00035621	Disabling the cursor does not disable cursor on Ser D Mozart terminal. Cursor is still enabled even after a power cycle.	The cursor is disabled after the user disables it.

## What's New in 5.10.03?

FactoryTalk View Machine Edition Station 5.10.03 firmware contains updates for PanelView Plus (PVP), PanelView Plus CE, and PanelView Plus Compact terminals.

FactoryTalk View Machine Edition Station 5.10.03 includes the following enhancements:

- PanelView Plus 400-600 has been upgraded to enhance temperature reading performance. This enhancement includes correction of the extra bright display in the CCFL backlight during operation.

**Note:** This change only affects PVP 400-600 and PVP Compact 400, 600, it will not affect PVP/PVP CE 700-1500 or PVP Compact 1000.

## Corrected Anomalies

The following anomaly has been identified and corrected in the FactoryTalk View Machine Edition Station 5.10.03 firmware release.

CQ ID	Anomaly	Resolution
EOI00035621	EBC: In Series D Terminal Pilot build of multiple units, some terminal screens may display inaccurate temperature.	A new EBC has been built into Mozart OS system to ignore the first read of data (which has a possibility of being corrupt) and use the next read of data to be considered good.  EOI00035621

## Applicable Hardware

- PanelView Plus (PVP) 400/600 and 700-1500 terminal types
- PanelView Plus CE (PVPCE) 700-1500 terminal types
- PanelView Plus Compact (PVPC) 400, 600, and 1000 terminal types

## Applicable Software

FactoryTalk View Machine Edition Station Firmware Revisions

- 5.10.00, 5.10.01, 5.10.02, 5.10.03

## Component Revisions



The following table identifies the new component version information after FactoryTalk View Machine Edition Station 5.10.3 is installed.

Product	FactoryTalk View ME	OS
PVP 400-600	5.10.03	4.01.017
PVP/PVP CE 700-1500	5.10.03	2.07.01
PVP Compact 400, 600	5.10.03	4.01.017
PVP Compact 1000	5.10.03	2.07.01

## What's New in 5.10.02?

FactoryTalk View Machine Edition Station 5.10.02 firmware contains updates for PanelView Plus (PVP), PanelView Plus CE, and PanelView Plus Compact terminals.

FactoryTalk View Machine Edition Station 5.10.02 includes the following enhancements:

- Support has been added for the External Access attribute (set in RSLogix 5000, starting with version 18 for controllers that support External Access). For more information on the External Access attribute, refer to the RSLogix 5000 v18 documentation.
- The EDS files for some devices have been added or updated in this release. This includes support for new hardware devices.
- A new Logix Data Provider ("LogixDP") that replaces the old Logix data provider ("CLXDP") is available on PanelView Plus terminals when using RSLinx Enterprise 5.21 or later. This new data provider significantly improves read and write performance. LogixDP is two to four times faster than the old data provider (CLXDP). LogixDP includes:
  - New UDT Optimization (Multi-Item Trend Drivers versus RSLinx Classic optimization)
  - New Change Management capabilities
  - There are new @Predefined items and Diagnostic Counters in the Diagnostic Counter Monitor. For more information, refer to the help for the Diagnostic Counter Monitor. Double-click "Diagnostic counters", and then double-click "Logix Data Provider" to see the new items.
  - LogixDP no longer requires a dedicated connection for writes.

Please note the following about LogixDP:

- When applying a firmware update to a PanelView Plus 400-600 series A terminal, an external storage card may be required for your application due to the larger size of the new data provider.
- The new LogixDP data provider is not compatible with Logix v10 and older firmware. Logix v10 and older firmware requires that you switch back to the old Logix data provider (CLXDP).
- LogixDP runs on PanelView Plus 400-600 series B and C and PanelView Plus 700-1500 terminals without additional hardware. A user may need to add an external storage card in order to run LogixDP on PanelView Plus 400-600 series A.

## Corrected Anomalies

The following anomalies have been identified and corrected in the FactoryTalk View Machine Edition Station 5.10.02 firmware release.

CQ ID	Anomaly	Resolution
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287510	FactoryTalk View Machine Edition: Acked (inactive) alarms remain in the Alarm List object.	A change was made to FactoryTalk View Machine Edition so that Acked alarms are removed from the Alarm List object.  Patch12_CR287510
287699	FactoryTalk View Machine Edition: When using a “Numeric Input Enable” object with a label caption configured for multiple line text, the text will not fit on the pop-up keypad.	The text in the label caption of the pop-up keypad is not truncated when using a “Numeric Input Enable” object with a label caption configured for multiple line text.  Patch16_CR287699

## Applicable Hardware

- PanelView Plus (PVP) 400/600 and 700-1500 terminal types
- PanelView Plus CE (PVPCE) 700-1500 terminal types
- PanelView Plus Compact (PVPC) 400, 600, and 1000 terminal types

## Applicable Software

FactoryTalk View Machine Edition Station Firmware Revisions

- 5.10.00, 5.10.01, 5.10.02

## Component Revisions

The following table identifies the new component version information after FactoryTalk View Machine Edition Station 5.10.2 is installed.

Product	FactoryTalk View ME	OS
PVP 400-600	5.10.02	4.01.016
PVP/PVP CE 700-1500	5.10.02	2.07.01
PVP Compact 400, 600	5.10.02	4.01.016
PVP Compact 1000	5.10.02	2.07.01

## What’s New in 5.10.01?

FactoryTalk View Machine Edition Station 5.10.01 firmware contains updates for PanelView Plus (PVP), PanelView Plus CE, and PanelView Plus Compact 400, 600, and 1000 terminals.

FactoryTalk View Machine Edition Station 5.10.01 includes the following enhancements:

- **FactoryTalk® ViewPoint support**– when you install ViewPoint 1.1 on PanelView Plus 700 - 1500. The FactoryTalk View Machine Edition 5.10.01 provides for a fully scalable, fully animated, read-only view of existing Machine Edition (ME) Web applications from a Web browser. A FactoryTalk ViewPoint Machine Edition Web application is a set of graphic displays selected from an existing FactoryTalk View ME application, converted for viewing on the Web, and published to a supported PanelView Plus 700 - 1500 operator terminal.

## Corrected Anomalies

The following anomalies have been identified and corrected in the FactoryTalk View Machine Edition Station 5.10.01 firmware release.

CQ ID	Anomaly	Resolution
EOI00034767	PanelView Plus and PanelView Plus CE 700-1500: delays in screen changes when working with a compressed hard drive or saving to the registry partition.	The priority of the lazy flush was lowered so that the compression and saving to the registry partition doesn't delay anything changing on the screen. EOI00034767
220865	The Tag Placeholders in Goto Display buttons are not modified when using Global Object Parameters.	The Tag Placeholders in Goto Display buttons work correctly when using Global Object Parameters. Patch04_CR266187
286481	FactoryTalk View Machine Edition: Missing CPR9 and SR1 patches when porting forward to version 5.10.00 (CPR9 SR2)	The CPR9 and SR1 patches are now included when porting forward to version 5.10.00. Patch02_CR286481
286894	FactoryTalk View Machine Edition: Cannot enter alphanumeric passwords on keyboard only terminals.	Alphanumeric passwords are accepted when entered on a keyboard only terminal. Patch08_CR286894

### Applicable Hardware

- PanelView Plus (PVP) 400/600 and 700-1500 terminal types
- PanelView Plus CE (PVPCE) 700-1500 terminal types
- PanelView Plus Compact (PVPC) 400, 600, and 1000 terminal types

### Applicable Software

FactoryTalk View Machine Edition Station Firmware Revisions

- 5.10.00, 5.10.01

### Component Revisions

The following table identifies the new component version information after FactoryTalk View Machine Edition Station 5.10.01 is installed.

Product	FactoryTalk View ME	OS
PVP 400-600	5.10.01	3.02.005
PVP/PVP CE 700-1500	5.10.01	2.06.001
PVP Compact 400, 600	5.10.01	3.02.005
PVP Compact 1000	5.10.01	2.06.001

## What's New in 5.10.00?

The FactoryTalk View ME 5.10.00 firmware consists of various FTView ME updates and operating system updates for PanelView Plus and PanelView Plus CE.

FactoryTalk View Machine Edition Station 5.10.00 includes the following enhancements:

- **Windows Vista support** –the FactoryTalk View Machine Edition Station 5.10.00 supports Windows Vista and Windows Server 2008.**Note:** The 5.10.00 release will be the last release to support Windows 2000.
- **Borrowed activation support** - once a borrowed activation is checked out to a computer, the computer can disconnect from the network; associated software remains active for a specified time period.
- **Parameter lists** - support for parameter lists in selected graphic objects, project settings, startup and logout; parameter passing using parameter lists.
- **Display number support for On-Top displays** - On-Top displays as well as Replace displays now support display numbers.
- **Global Connections editor** - Display tab revised to provide support for parameter lists.
- **Project Settings enhancement** - project window sizes for terminals displayed.
- **Ramp button enhancements** - includes variable ramp and variable limit capabilities.
- **Numeric Input Cursor Point enhancements** - includes variable minimum and maximum function, caption on pop-up keypad.
- **Numeric Input Enable enhancements**– includes variable minimum and maximum function.
- **Improved Process Faceplates** - additional process faceplates available for automatic addition to applications.
- **Application Documenter** - the enhanced replacement for the Project Documentor utility now installs with FactoryTalk View Machine Edition Station.
- **PanelView Plus Compact terminal** - a new PanelView Plus Compact terminal product, for applications with fewer displays, fewer alarm messages, and smaller window size.

## Corrected Anomalies

The following anomalies have been identified and corrected in the FactoryTalk View Machine Edition Station 5.10.00 firmware release.

CQ ID	Anomaly	Resolution
70170	When a keypad-only terminal logged data to a Compact Flash card, a Diagnostics error would be displayed and keypad buttons would stop working if the card was removed or replaced while data was being written to the card.	The keypad buttons continue to function.
218241	Large macros paused for up to 20 seconds after executing each group of 100 expressions.	Execution performance was improved for large macros when used with expressions.
61634	Setting the backlight intensity tag in the global connections to zero turns the PanelView terminal's backlight off. When this happens it appears that the PanelView is not functioning because the information on the screen is not visible.	A warning has been added to the Help stating that setting the backlight intensity tag in the global connections to zero turns the PanelView terminal's backlight off and is not recommended.
166992	Using the Password button to change a user's password caused a PanelView terminal to hang if the 4.00 .mer was created using FactoryTalk View Studio 5.00.	This password issue was corrected.
166868	The Numeric input enable object did not show the correct Min/Max values when running on PanelView Plus terminals.	The correct Min/Max values are displayed when running PanelView Plus terminals.
218703	FactoryTalk View Machine Edition Station on PanelView Plus 600 stops responding when two display change requests occur at the same time.	Simultaneous display change requests on PanelView Plus 600 terminals will not cause FactoryTalk View Machine Edition Station to stop responding.
219763	New Kepware BACnet support is needed.	Support for a new Kepware BACnet driver was added.
262713	HMI device tags in KepServer showed incorrect data when on scan at multiple different scan rates.	HMI device tags now show the correct data when using different scan rates and a KepServer.

## Applicable Hardware

- PanelView Plus (PVP) 400/600 and 700-1500 terminal types
- PanelView Plus CE (PVPCE) 700-1500 terminal types
- PanelView Plus Compact (PVPC) 400, 600, and 1000 terminal types

### **Applicable Software**

FactoryTalk View Machine Edition Station Firmware Revisions

- 5.10.00

### **Component Revisions**

The following table identifies the new component version information after FactoryTalk View Machine Edition Station 5.10.00 is installed.

<b>Product</b>	<b>FactoryTalk View ME</b>	<b>OS</b>
PVP 400-600	5.10.00	3.02.005
PVP/PVP CE 700-1500	5.10.00	2.05.011
PVP Compact 400, 600	5.10.00	3.02.005
PVP Compact 1000	5.10.00	2.05.011