

# VisionView® 1.6.8 Release Notes

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## Overview

This document describes the VisionView® 1.6.8 release, including the following topics:

- [System Requirements - VisionView PC Software](#)
- [Supported Languages](#)
- [New Features](#)
- [Changes & Fixes](#)
- [Known Issues](#)
- [Supported Devices](#)

For updated release notes and documentation, including localized versions, visit the [VisionView Online Support Center](#).

## System Requirements - VisionView PC Software

### Hardware Requirements

- Intel® Pentium® 4 processor running at 1 GHz (or equivalent).
- 512MB of available RAM.
- 500MB of available hard-disk space.
- Video card capable of displaying 800x600 resolution at 16-bit color depth. The DPI Display setting must be set to 96 DPI.
- Network Interface Card (at least 100Mbps).

### Operating System Requirements

The VisionView PC software is supported on the following operating systems:

- Microsoft Windows Server 2008 R2, Service Pack 1 (64-bit)
- Microsoft Windows 7 Professional, Service Pack 1 (32-bit and 64-bit)

#### Notes:

- Although the VisionView PC software may function on other operating systems, systems not meeting the preceding requirements are not supported.
- You must have administrative privileges to the PC to install the VisionView PC software.

### Software Requirements

The Microsoft .NET Framework 3.5 Service Pack 1 must be installed before installing the VisionView PC software. Microsoft .NET Framework 3.5 Service Pack 1 will attempt to install automatically if it is not detected on the PC.

## Licensing

The VisionView PC software allows you to deploy the VisionView application on a PC or a supported Windows CE-based HMI panel that resides on the same network as In-Sight® or DataMan® sensors. The VisionView PC software is distributed in two different packages: a demo version and a full version. The demo version has an automatic timeout of forty-five minutes and is available as a free download on the VisionView support site. The full version provides complete functionality, does not timeout and is available for download on the VisionView support site. To upgrade to the full version that does not timeout, you must purchase and install a license. To install a license, launch the VisionView application, click the green key button in the Cognex VisionView Setup screen, enter the Activation ID provided by Cognex in the Enter the Activation ID screen, and click **OK**.

**Note:** The functionality of the VisionView application is the same as the VisionView Operator Interface Panel or VisionView VGA, except for minor differences, which are noted within the *VisionView® Help* file.

## Supported Languages

- English
- Japanese
- Chinese (Simplified)
- Korean
- French
- German
- Spanish (European)
- Italian
- Portuguese (Brazilian)

## Supported VisionView Devices

This release provides support for the following VisionView devices:

- VisionView 900 Operator Interface Panel
- VisionView VGA

## New Features

- This release introduces support for In-Sight 7600, 7800, 7801 and 7802 sensors.
- This release introduces support for the following Rockwell HMI panels:
  - PanelView Plus 6 700 (640 x 480)
  - PanelView Plus 6 1000 (640 x 480)
  - PanelView Plus 6 1250 (800 x 600)
  - PanelView Plus 6 1500 (1024 x 768)
  - PanelView Plus 7 Standard 5.7" (640x480)
  - PanelView Plus 7 Standard 6.5" (640 x 480)
  - PanelView Plus 7 Standard 10.4" (800 x 600)
  - PanelView Plus 7 Standard 15" (1024 x 768)

## Changes & Fixes

**Note:** Change Request numbers (CR#) have been included (where applicable) to improve tracking of Known Issues reported via Cognex Technical Support.

CR#	Issue
45989	<p>For the VisionView PC, the maximum number of sensors or emulators that can be connected to and displayed in Tiled Image mode has been increased from 12 to 16.</p> <p><b>Note:</b> This setting is specified in the following file: C:\ProgramData\Cognex\VisionView\VisionView.xml. The VisionView.xml file is not automatically deleted from the PC when uninstalling the VisionView PC application. If upgrading to VisionView 1.6.8 from an earlier version, you will need to manually edit the VisionView.xml file and change <code>&lt;MaxConnectedSystemsCeiling&gt;12&lt;/MaxConnectedSystemsCeiling&gt;</code> to <code>&lt;MaxConnectedSystemsCeiling&gt;16&lt;/MaxConnectedSystemsCeiling&gt;</code>.</p>
40731	If a Menu Wizard interactive control is pressed and changes are made to controls within a Dialog interactive control, when the OK button is pressed, the changes are properly retained. Previously, the changes were only retained if the Menu button was pressed.
42514	The VisionView application no longer becomes unresponsive when the Image Viewer button is pressed from a VisionView CE-based HMI panel.
44503	When the VisionView 900 is connected to an In-Sight 2000 series sensor and the Filmstrip Options configured to automatically save rejected images, when a rejected image is saved, filmstrip images are now properly saved to a USB drive.
34580 & 45415	<p>When the VisionView application is installed to Siemens TP Comfort Series panels, the German and Chinese language resource files are properly installed and the user interface is displayed in the appropriate language.</p> <p>Previously, the German and Chinese language resources files were not installed and the user interface was displayed in English.</p>
36071	<p>If an In-Sight 5705, 5705C or 8405 sensor's job contains a TestRun configuration, the TestRun Run Mode button is properly displayed from VisionView.</p> <p><b>Note:</b> The sensor must have In-Sight firmware version 5.2.0 or higher installed the TestRun Run Mode button to display properly.</p>
35809	<p>If an In-Sight 5705, 5705C or 8000 series sensor's job contains an EasyView, the EasyView is properly displayed from VisionView.</p> <p><b>Note:</b> The sensor must have In-Sight firmware version 5.2.0 or higher installed for EasyView tags to be displayed properly.</p>
32839	<p>If the VisionView 900 is connected to an In-Sight 8405 sensor and the Filmstrip Options configured to automatically save rejected images, when a rejected image is saved, images are properly recorded to the filmstrip.</p> <p><b>Note:</b> The sensor must have In-Sight firmware version 5.2.0 or higher installed for EasyView tags to be displayed properly.</p>

## Known Issues

**Note:** Change Request numbers (CR#) have been included to improve tracking of Known Issues reported via Cognex Technical Support.

CR#	Issue
29882	If a Custom View is configured within In-Sight Explorer to conditionally refresh display elements (image, overlay, or graphics) based on the value of a referenced cell, when viewed from VisionView the display elements may incorrectly refresh for each image acquisition.
21295	Custom View contents may not be displayed if the job is saved Online while Filmstrip AutoSave is in progress.

CR#	Issue
2687	When attempting to save or access images to/from Windows XP and Windows Server 2003 network shares, the VisionView Operator Panel and VisionView VGA may incorrectly display a dialog prompting for user credentials. This can occur due to incompatible date/time settings between the VisionView device and the Windows server. <i>Workaround:</i> Connect the VisionView device to an In-Sight sensor that is synchronized with a SNTP server. VisionView will inherit the date/time of the In-Sight sensor, allowing it to synchronize with the Windows server clock. Alternately, save or access the images using FTP, USB drive, Windows 7 or Windows Server 2008 network shares.
N/A	DataMan can operate at speeds of one to two reads per second when connected to a VisionView device. If triggering one or more DataMan readers faster than this rate, the VisionView image update rate will be significantly impacted. If triggering one or more DataMan readers at even higher trigger rates, or on a high-traffic Ethernet network, DataMan may eventually miss triggers.
1883	If the DataMan is disconnected from a VisionView device, the DataMan may miss triggers, have a slow connection to other VisionView devices or cause the VisionView user interface to become less responsive.

## Supported Devices

### Supported Windows CE-Based HMI panels

Brand	Model
Advantech	TPC-650H (640 x 480)
	TPC-1070H (800 x 600)
	TPC-1250H (800 x 600)
	TPC-1570H (1024 x 768)
	TPC-1770H (1280 x 1024)
	TPC-1780H (1280 x 1024)
Beijer	iX Panel T10A (640 x 480)
Rockwell	PanelView Plus 6 700 (640 x 480)
	PanelView Plus 6 1000 (640 x 480)
	PanelView Plus 6 1250 (800 x 600)
	PanelView Plus 6 1500 (1024 x 768)
	PanelView Plus 7 Standard 6.5" (640 x 480)
	PanelView Plus 7 Standard 10.4" (800 x 600)
	PanelView Plus 7 Standard 15" (1024 x 768)
Siemens	TP700 Comfort 7" (800 x 480)
	TP900 Comfort 9" (800 x 480)
	TP1200 Comfort 12" (1280 x 800)
	TP1500 Comfort 15" (1280 x 800)
	TP1900 Comfort 19" (1366 x 768)
	TP2200 Comfort 22" (1920 x 1080)

### Supported Touch Screens

Brand	Model
3M™ MicroTouch™	M1500SS
	M1700SS
Advantech (PenMount 9000 drivers)	FPM-5151G-R3AE
	FPM-5171G-R3AE
	FPM-5191G-RCE
	FPM-2150G-RCE

Brand	Model
Dynics	FX15
	FX17
Elo	1215L
	1515L
	1715L
	1915L
Hope	HIS-ML12-xTxD
	HIS-ML15-xTxG
	HIS-ML17-xTxF
	HIS-ML19-xTxF
	HIS-ML20-xTxA
	HIS-ML22-xTxA
Mitsubishi	GT15 series
	GT16 series
Pro-face® /Xycom®	AGP3510-T1-AF
	AGP3750-T1-AF