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THE POWER OF **CONNECTED**

MAXPRO® Video Management System R450 Build 455 Viewer Edition

What's New Software Release Notes

August, 2017

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REVISIONS

Issue	Date	Description
1.0	May 17, 2012	New document
2.0	March 11, 2015	Updated for R310
3.0	May 10, 2016	Updated for R310 B326
4.0	August 25	Updated for R310 SP1
5.0	March 2017	Updated for R410 Build 424 Release
6.0	August 2017	Updated for R450 Build 455 Release

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MAXPRO® Video Management System R450 Build 455 What's New Software Release Notes

This release notes highlights the new features in R450 Build 455.

In this release notes...

About this document

This document provides information about the release contents, list of deliverables, and any issues and special considerations while installing MAXPRO Video Management System R450.

Prerequisite reading	• MAXPRO VMS R140 Software Release Bulletin • MAXPRO VMS R140 SP1 Software Release Bulletin • MAXPRO VMS R140 SP2 Software Release Bulletin • MAXPRO VMS R200 Software Release Bulletin • MAXPRO VMS R200 HotFix 01 Software Release Bulletin • MAXPRO VMS R140 Known Issues Bulletin • MAXPRO VMS R140 SP1 Known Issues Bulletin • MAXPRO VMS R140 SP2 Known Issues Bulletin • MAXPRO VMS R200 Known Issues Bulletin • MAXPRO VMS R200 HotFix 01 Known Issues Bulletin
Related documents	• MAXPRO VMS R450 Online Help. • MAXPRO VMS R450 Commissioning and Installation Guide. • MAXPRO VMS R450 Known Issues Bulletin. • MAXPRO VMS R450 Troubleshooting Guide. • MAXPRO VMS R300 Upgrade Guide (DVM R200 - DVM R400.3.9732) • MAXPRO VMS R240 - R300 Upgrade Guide (DVM R400.3.9732) • MAXPRO VMS R450 Operator's Guide • MAXPRO VMS R300 Localization Guide. • MAXPRO VMS VMS High Availability Installation and Configuration Guide. • MAXPROVMS_Device_Features_Compatibility_Matrix • MAXPROVMS_Alarm_Compatibility_Matrix. • MAXPROVMS_PTZ_Compatibility_Matrix. • MAXPROVMS_HW_SW_Compatibility_Matrix. • MAXPRO VMS Analytics Data Sheet. • MGP User Manual • IP Engine R400 Camera Server High Performance VMware ESXi Spec V2 • IP Engine R400 Camera Server Standard VMware ESXi Spec V2 • IP Engine R400 Database Server High Performance VMware ESXi Spec V2 • IP Engine R400 Database Server Standard VMware ESXi Spec V2 • MAXPRO VMS R240 Server VMware ESXi Spec V2 • Application Note - PB-Pelco Integration. doc • MAXPRO VMS R300 SQL Server Installation Reference Guide. pdf
Support	For information about updates to this bulletin, contact your nearest Honeywell office or Technical Assistance Center.

Product Deliverables

The following table lists the deliverables for MAXPRO VMS R450.

Item	Build/Issue	Media	Part Number
MAXPRO VMS R450		DVD	**500-02755-A**
Documentation			
MAXPRO VMS R450 Commissioning and Installation Guide	Issue 1.0	DVD	800-23563-A
MAXPRO VMS R450 Online Help	Issue 1.0	DVD	xxxxxxxx
MAXPRO VMS R450 Operator's Guide	Issue 1.0	DVD	800-23564-A
MAXPRO VMS R450 Known Issues Bulletin	Issue 1.0	DVD	800-23565-A
MAXPRO VMS R450 Troubleshooting Guide	Issue 1.0	DVD	800-23567-A
MAXPRO VMS High Availability Installation and Configuration Guide.	Issue 1.0	DVD	xxxxxx
MAXPRO VMS R300 Upgrade Guide (DVM R200 - DVM R400.3.9732)	Issue 1.0	DVD	xxxxxx
MAXPRO VMS R200 HF01 - R300 Upgrade Guide (DVM R400.3.9732)	Issue 1.0	DVD	xxxxxx
MAXPRO VMS R240 - R300 Upgrade Guide (DVM R400.3.9732)	Issue 1.0	DVD	800-11173
MAXPRO VMS R310 Localization Guide	Issue 1.0	DVD	800-11255
MGP User Manual	Issue 1.0	DVD	xxxxxx
MAXPROVMS_Device_Features_Compatibility_Matrix	Issue 1.0	DVD	xxxxxx
MAXPROVMS_Alarm_Compatibility_Matrix	Issue 1.0	DVD	xxxxxx
MAXPROVMS_PTZ_Compatibility_Matrix	Issue 1.0	DVD	xxxxxx
MAXPROVMS_HW_SW_Compatibility_MatriX	Issue 1.0	DVD	xxxxxx
MAXPRO VMS Analytics Data Sheet	Issue 1.0	DVD	xxxxxx
IP Engine R400 Camera Server High Performance VMware ESXi Spec V2	Issue 1.0	DVD	xxxxxx
IP Engine R400 Camera Server Standard VMware ESXi Spec V2	Issue 1.0	DVD	xxxxxx
IP Engine R400 Database Server High Performance VMware ESXi Spec V2	Issue 1.0	DVD	xxxxxx
IP Engine R400 Database Server Standard VMware ESXi Spec V2	Issue 1.0	DVD	xxxxxx
MAXPRO VMS R240 Server VMware ESXi Spec V2	Issue 1.0	DVD	xxxxxx
Application Note - PB-Pelco Integration. doc	Issue 1.0	DVD	xxxxxx

What's New in MAXPRO VMS R450 Build 455

Product Description

This Release Notes cover the new features and enhancements in the latest MAXPRO ® VMS R450 Build 455 Viewer Edition software application.

If you have questions concerning this document, please contact Honeywell Technical Support. See the back cover for contact information.

- **Document Last Updated**:   August 30, 2017

NEW FEATURES IN R450 VIEWER EDITION

- **Inter-NVR sync Playback**: Enhancements made in Inter NVR Sync Playback feature, where user can sync the playback video across MAXPRO NVR recorders. This feature is supported from R450 release and only supported for MAXPRO NVR.

- **Low bandwidth Stream Settings**:

    - **Use Low Resolution Stream**: This feature is to view the low resolution video in any format of salvo layout. User needs to configure the low resolution (for any Primary or secondary stream) in MAXPRO NVR camera page. This feature is only supported for MAXPRO NVR.

    - **Receive Only I Frame/Low Bandwidth Streaming**: This feature is applicable only for the sites with Low bandwidth. It allows user to receive and view only I Frame considering the bandwidth at the site. This feature is only supported for MAXPRO NVR.

    - **Use Extended time Outs:** This helps in increasing the default time outs for NVR connections, stream connections and snapshots retrieval. This feature is only supported for MAXPRO NVR.

- **Optimize Stream Usage Settings**:

    - **Enable Stream Switch**: Enable stream switch automatically switches between low and high resolution streams in the salvo layout based on the users selection. User should have minimum two streams available to use this feature. By default camera will stream in high resolution video in single salvo layout and the same camera when it is drag and dropped in multiple salvo, it streams with low resolution video. This feature is only supported for MAX-PRO NVR.

- **Support for Korean language UI**: VMS is now supported in Korean language.

- **H.265 Codec** cameras now supports GPU based Rendering. You can render upto 23 H.265 cameras with 1080P Resolution at 30 FPS/30 GOP. Refer MAXPRO NVR Desktop Client - Workstation Specifications and Performance Metrics for more information

- **Embedded NVR Recorder (Embedded Recorder) Support**: User can configure and use the Embedded Recorder features. See Features in Embedded Recorder Integration section for the list of features supported.

- **Manual Archival Support**: MAXPRO VMS R450 Build 455 release supports manual archival for both Primary and Failover Recorders. This feature is now extended from NVR to VMS. You can archive the required duration of clip from VMS > Search tab.

- **Profile-G or Edge Sync Support**: Allows you to synchronize the recordings from the camera SD card to NVR. This features enables the user to playback only those recording which are saved on demand in the SD card. This feature is supported only for EquIP S Series model cameras.

The following table lists the camera models supported for Profile-G feature and corresponding Camera Type & Firmware details.

![Honeywell logo]

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EquIP Cameras	Camera Type	Firmware Details
H4W2GR1	Outdoor Dome 2MP 2.7-12mm	1.000.HW00.3.T, build: 2017-07-14
H4W2GR2	Outdoor Dome 2MP 7-22mm	
H4W4GR1	Outdoor Dome 4MP 2.7-12mm	
H3W2GR1	Indoor Dome 2MP 2.7-12mm	
H3W2GR2	Indoor Dome 2MP 7-22mm	
H3W4GR1	Indoor Dome 4MP 2.7-12mm	
HBW2GR1	Bullet 2MP 2.7-12mm	
HBW2GR3	Bullet 2MP 4.7-47mm	
HBW4GR1	Bullet 4MP 2.7-12mm	
HCW2G	Box 2MP	
HCW4G	Box 4MP	
HCL2G	Box 2MP low light	2.420.HW00.3.T, build: 2017-07-14
H4L2GR1	Outdoor Dome 2MP 2.7-12mm low light	
HBL2GR1	Bullet 2MP 2.7-12mm low light	
HDZ302LIW	IR PTZ wiper, low light	1.000.0016.0.T.3.3019.9A.NR, build: 2017-07-19
HDZ302LIK	IR PTZ IK10, low light	

- **On Demand live Streaming (VOD)**: On Demand Live Streaming / recording feature enables you to configure and store recordings at camera level. This feature saves the bandwidth for remote sites with limited and costly connectivity (e.g. using 4G). MAXPRO NVR configured as On Demand Live Streamer will stream video from cameras only. Later when a client requests a live stream for viewing, the recordings at the camera level can be synced back to view in NVR viewer. VOD is used to pull video streams only when you want the stream for viewing or analysis (such as Smart VMD, HVA Analytics in VMS and so on). When this feature is enabled, recording will not take place in MAXPRO NVR.This feature is compatible from MAXPRO NVR Viewer, MAXPRO NVR Web Clients and MAXPRO NVR Mobile app clients.

- **New high performance and specialty EquIP Camera Model support**:
  - **HM4L8GR1**: 8 MP IR Rugged Multi-Imager Dome
  - **HMBL8GR1**: 8 MP IR Rugged Multi-Imager Bullet
  - **H4L6GR2**: Low-Light 6 MP IR Rugged Dome
  - **HBL6GR2**: Low-Light 6 MP IR Rugged Bullet
  - **HEPZ302W0**: Ex-proof PTZ module
  - **HEPB302W01A04**: 1080p 30x Explosion-Proof IP Camera, 4 m cable
  - **HEPB302W01A10**: 1080p 30x Explosion-Proof IP Camera, 10 m cable
  - **HTMZ160T302W**: Dual Sensor Thermal/Visual IP PTZ Camera
  - **HFD8GR1**: 12 MP Rugged Fisheye IR IP Camera

Following table explains the supported High performance Venus EquIP series Camera models, corresponding VA Events supported and Firmwares to be installed.

New EquIP Cameras	VA Events Supported	Firmware to be installed
HM4L8GR1: Multi-sensor Dome HMBL8GR1:Multi-sensor Bullet	Tamper Detection Audio Detection Face Detection Device SD Card Full Device SD Card Failure	HON_Honeywell_VEN-IPC-MultiSensor-HMXL8GR1_NTSC_V1.000.HW00.1.20170804
H4L6GR2: 6 Mega Pixel Dome	Video Detection Tamper Detection Audio Detection	HON_Honeywell_VEN-IPC-6M-HXL6GR2_NTSC_V1.000.HW00.1.20170806
HBL6GR2: 6M Bullet	Face Detection People Entrance ON/OFF Device SD Card Full Device SD Card Failure	HON_Honeywell_VEN-IPC-6M-HXL6GR2_NTSC_V1.000.HW00.1.20170806
H4L6GR2 & HBL6GR2	Intrusion Trace	HON_IntrusionTrace_VEN-JUP_Bullet_V1.18.00_20170809.bin
H4L6GR2 & HBL6GR2	Loitering Alarm	HON_Loiter_VEN-JUP_Bullet_V1.18.00_20170809.bin
HEPZ302W0	Ex-proof PTZ module	HON_Honeywell_VEN_PTZ_HEPZ302_NTSCPAL_1.014.0004.20170814
	Rear Board FW	HON_Honeywell_VEN_PTZ_RearBoard-N_App_V1.01.16.R.170726
	Intrusion Trace	HON_IntrusionTrace_VEN_PTZ_v1.18.00_20170813
	Loitering	HON_LoiterTrace_VEN_PTZ_v1.18.00_20170813

Following table explains the supported VA Events and Firmware details of High performance Helios EquIP series Camera models:

EquIP Cameras & Firmware	VA Events Supported
HTMZ160T302W - 1.001.HW00.7 (Thermal PTZ camera)	Intrusion trace Tamper Detection Audio Detection Device SD Card Full Device SD Card Failure Scene Temp. Alarms
HEPB302W01A04 - V1.000.0052.0 **HEPB302W01A10** - V1.000.0052.0	NA

- Camera Integration Features
  - * Stitched view of Multi-Imager cameras;
  - * Temperature alarm of thermal camera;
  - * People Counting

New Features in MAXPRO® NVR 4.5 Integration

The following are the key benefits and new features of MAXPRO NVR/NVR Hybrid 4.5:

- **Inter- NVR Sync playback**: Enhancements made in Inter NVR Sync Playback feature, where user can sync the playback video across MAXPRO NVR recorders. This feature is supported in MAXPRO VMS R450 release and only supported for MAXPRO NVR

- **Low bandwidth Stream Settings**:
  - **Use Low Resolution Stream**: This feature is to view the low resolution video in any format of salvo layout. User needs to configure the low resolution (for any Primary or secondary stream) in MAXPRO NVR camera page. This feature is only supported for MAXPRO NVR.
  - **Receive Only I Frame**/**Low Bandwidth Streaming**: This feature is applicable only for the sites with Low bandwidth. It allows user to receive and view only I Frame considering the bandwidth at the site. This feature is only supported for MAXPRO NVR.
  - **Use Extended time Outs**: This helps in increasing the default time outs for NVR connections, stream connections and snapshots retrieval. This feature is only supported for MAXPRO NVR.

- **Optimize Stream Usage Settings**:
  - **Enable Stream Switch**: Enable stream switch automatically switches between low and high resolution streams in the salvo layout based on the users selection. User should have minimum two streams available to use this feature. By default camera will stream in high resolution video in single salvo layout and the same camera when it is drag and dropped in multiple salvo, it streams with low resolution video. This feature is only supported for MAXPRO NVR.

- **On Demand live Streaming (VOD)**: On Demand Live Streaming / recording feature enables you to configure and store recordings at camera level. This feature saves the bandwidth for remote sites with limited and costly connectivity (e.g. using 4G). MAXPRO NVR configured as On Demand Live Streamer will stream video from cameras only. Later when a client requests a live stream for viewing, the recordings at the camera level can be synced back to view in NVR viewer. VOD is used to pull video streams only when you want the stream for viewing or analysis (such as Smart VMD, HVA Analytics in VMS and so on). When this feature is enabled, recording will not take place in MAXPRO NVR.This feature is compatible from MAXPRO NVR Viewer, MAXPRO NVR Web Clients and MAXPRO NVR Mobile app clients.

- **Profile-G or Edge Sync Support**: Allows you to synchronize the recordings from the camera SD card to NVR. This features enables the user to playback only those recording which are saved on demand in the SD card. Flexibility to enable the Edge sync in Camera page and configure the day/ time for Edge Sync Settings in System window to get the recordings from the camera. This feature is supported only for EquIP 1080p WDR, 4MP WDR and IR PTZ model cameras.The following table lists the camera models supported for Profile-G feature and corresponding Camera Type & Firmware details.

EquIP Cameras	Camera Type	Firmware Details
H4W2GR1	Outdoor Dome 2MP 2.7-12mm	1.000.HW00.3.T, build: 2017-07-14
H4W2GR2	Outdoor Dome 2MP 7-22mm	
H4W4GR1	Outdoor Dome 4MP 2.7-12mm	
H3W2GR1	Indoor Dome 2MP 2.7-12mm	
H3W2GR2	Indoor Dome 2MP 7-22mm	
H3W4GR1	Indoor Dome 4MP 2.7-12mm	
HBW2GR1	Bullet 2MP 2.7-12mm	
HBW2GR3	Bullet 2MP 4.7-47mm	
HBW4GR1	Bullet 4MP 2.7-12mm	
HCW2G	Box 2MP	
HCW4G	Box 4MP	
HCL2G	Box 2MP low light	2.420.HW00.3.T, build: 2017-07-14
H4L2GR1	Outdoor Dome 2MP 2.7-12mm low light	
HBL2GR1	Bullet 2MP 2.7-12mm low light	
HDZ302LIW	IR PTZ wiper, low light	1.000.0016.0.T.3.3019.9A.NR, build: 2017-07-19
HDZ302LIK	IR PTZ IK10, low light	

- **New high performance and specialty EquIP Camera Model support**:
  - **HM4L8GR1**: 8 MP IR Rugged Multi-Imager Dome
  - **HMBL8GR1**: 8 MP IR Rugged Multi-Imager Bullet
  - **H4L6GR2**: Low-Light 6 MP IR Rugged Dome
  - **HBL6GR2**: Low-Light 6 MP IR Rugged Bullet
  - **HEPZ302W0**: Ex-proof PTZ module
  - **HEPB302W01A04**: 1080p 30x Explosion-Proof IP Camera, 4 m cable
  - **HEPB302W01A10**: 1080p 30x Explosion-Proof IP Camera, 10 m cable
  - **HTMZ160T302W**: Dual Sensor Thermal/Visual IP PTZ Camera
  - **HFD8GR1**: 12 MP Rugged Fisheye IR IP Camera

Following table explains the supported High performance EquIP series Camera models, corresponding VA Events supported and Firmwares to be installed.

EquIP Cameras	VA Events Supported	Firmware to be installed
HM4L8GR1: Multi-sensor Dome	Tamper Detection	HON_Honeywell_VEN-IPC-MultiSensor-HMXL8GR1_NTSC_V1.000.HW00.1.20170804
HMBL8GR1:Multi-sensor Bullet	Audio Detection	
	Face Detection	
	Device SD Card Full	
	Device SD Card Failure	
H4L6GR2: 6 Mega Pixel Dome	Video Detection	HON_Honeywell_VEN-IPC-6M-HXL6GR2_NTSC_V1.000.HW00.1.20170806
	Tamper Detection	
	Audio Detection	
HBL6GR2: 6M Bullet	Face Detection	HON_Honeywell_VEN-IPC-6M-HXL6GR2_NTSC_V1.000.HW00.1.20170806
	People Entrance ON/OFF	
	Device SD Card Full	
	Device SD Card Failure	
H4L6GR2 & HBL6GR2	Intrusion Trace	HON_IntrusionTrace_VEN-JUP_Bullet_V1.18.00_20170809.bin
H4L6GR2 & HBL6GR2	Loitering Alarm	HON_Loiter_VEN-JUP_Bullet_V1.18.00_20170809.bin
HEPZ302W0	Ex-proof PTZ module	HON_Honeywell_VEN_PTZ_HEPZ302_NTSCPAL_1.014.0004.20170814
	Rear Board FW	HON_Honeywell_VEN_PTZ_RearBoard-N_App_V1.01.16.R.170726
	Intrusion Trace	HON_IntrusionTrace_VEN_PTZ_v1.18.00_20170813
	Loitering	HON_LoiterTrace_VEN_PTZ_v1.18.00_20170813

CAMERA POWER RECOMMENDATION

To power up the Venus IPC (Multisensor and 6MP) camera models, it is recommended to use PoE+. If PoE+ power is not available, then use 24VAC or 12VDC. Below table explains the camera models and there power requirements.

Honeywell Camera Models	Power Input	Power Consumption
HM4L8GR1	PoE+/24VAC(±25%)	Max 25W
HMBL8GR1	PoE+/24VAC(±25%)	Max 25W
H4L6GR2	PoE+/12VDC/24VAC(±25%)	Max 18W

HBL6GR2	PoE+/12VDC/ 24VAC(±25%)	Max 18W

Following table explains the supported camera Firmware details and VA Events of High performance Helios EquIP series Camera models:

EquIP Cameras & Firmware	VA Events Supported
HTMZ160T302W - 1.001.HW00.7 (Thermal PTZ camera)	Intrusion trace Tamper Detection Audio Detection Device SD Card Full Device SD Card Failure Scene Temp. Alarms
HEPB302W01A04 - V1.000.0052.0 **HEPB302W01A10** - V1.000.0052.0	NA

- **Camera Integration Features**
    - * Stitched view of Multi-Imager cameras;
    - * Temperature alarm of thermal camera;
    - * other new camera features supported in MAXPRO NVR?
- **H.265 Codec** cameras now supports GPU based Rendering. You can render upto 23 H.265 cameras with 1080P Resolution at 30 FPS/30 GOP. Refer MAXPRO NVR Desktop Client - Workstation Specifications and Performance Metrics for more information.
- **Enable Sync Playback**: Improved the performance of Enable Sync playback feature to sync the video across the cameras instantly.
- **Support for Korean language UI**: MAXPRO NVR 4.5 Build 159 is now supported in Korean language.
- **Improvements to MAXPRO Mobile App**: The following are the enhancements made in MAXPRO Mobile App for both IOS and Android.

  Login Flow Change (For iPhone, iPAD, Android Phones)).
    - Maximum 10 NVR servers can be configured and at least 1 IP is mandatory.
    - MAXPRO Mobile app first connects to Local. if it fails it will be redirected to connect to Remote.

  Touch ID- (For iPhone, iPAD only):.
    - Fingerprint Authentication login is supported only for IOS devices.
    - Maximum 5 users fingerprints can be configured per device.
    - This feature is available on Fingerprint supported devices.
    - First login should be Via username and password, henceforth fingerprint can be used to log on.
    - Disabling fingerprint option also available in settings.

  Digital Zoom – (For iPhone, iPAD only):.
    - Supported for video streaming in 1X1 Layout
    - Zoom in and zoom out supported via pinch gestures.
    - **HIS Streaming support :** Where you can view live video if you have not installed valid/trusted certificate.
    - **HTTPS support** for IOS & Android Apps

Features in Embedded Recorder Integration

- Camera Discovery

- Inputs/Outputs discovery

- Device/Cameras Status

- Live Video, 720p/1080p Simultaneous

- Playback Video, Playback with timeline jump, Go to Time, Loop Playback, Playback Navigation with Bookmarks

- Playback speed control with speed range from ¼ x to 16x

- Pan/Tilt/Zoom/Focus (Far, Near) /Iris (Open, Close)

- Camera Presets (PTZ cameras)

- Events and Alarms

- Clip Export (Supports DAV format)

- Scan Sequence with Presets

- Digital corrections

- Image capture in Live and Playback.

Recorders Supported

Following are the Honeywell in house recorders that are supported in this release.

- MAXPRO NVR

- Enterprise

- Fusion

- HRDP

- HRXD

- RapidEye

- Performance Series Embedded NVR (HEN*2)

Cyber Security Support

Following are the Cyber security enhancements, implemented and supported in MAXPRO VMS R450:

- Enhanced password security – Non recoverable passwords, enforcing complex passwords, password expiry, no default passwords.

- Addressed Unauthenticated/Unauthorized channels.

- Secured firewall configuration.

- Secured Web client – Enabled HTTPS and SSL, protection from CSRF and XSS attacks.

- Restricted folder and Registry access to operators.

- Secured Assemblies – Digital Signing.

Installation Notes

Upgrade Versions

MAXPRO VMS R450: Upgrade is supported from MAXPRO® VMS R410 B424 to MAXPRO® VMS R450 B455. Please find list of R310/R410 version detail upon which you can upgrade to VMS R450:

- MAXPRO_VMS_R310 Build 292 +313 to R410

- MAXPRO VMS B313 + 3.5 NVR driver to R410

- MAXPRO VMS R310 Build 326 to R410

- MAXPRO VMS R310 Build 301 to R410
- MAXPRO VMS R310 Build 301 + 3.5 Driver
- MAXPRO VMS_R310 Build 326 + 364 to R410
- MAXPRO VMS_R310 Build 326 + 366 to R410
- MAXPRO Casino Patch 319 to R410
- MAXPRO VMS R310 Build 376 Driver to R410
- MAXPRO VMS R400 Build 417 (R400 Beta Version) to R410 Build 424
- MAXPRO VMS 410 Build 424 to R450 Build 455

Version Compatibility

MAXPRO® VMS Server can be upgraded to the latest version (R450 Build 455) however, the older version of Client can connect to the latest version of Server. It is recommended to have the latest version of MAXPRO® VMS (R450 Build 455) server and client.

Note: This feature is applicable only if server is upgraded to R450 then all the R310 clients can connect to the server.

Please refer to MAXPRO® VMS R450 Installation and Configuration Guide for further details.

Supported Operating Systems

MAXPRO VMS Version R310 is approved for the following operating systems.

Operating System	Service Pack	Limitations
Windows 7 Professional (32 bit)	1 and later	None
Windows 7 Professional (64 bit)	1 and later	None
Windows 10 Professional (64 bit)		
Windows 10 Professional (32 bit)		
Windows® Server 2008 R2 (64 bit) SP1	1 and later	None
Windows 2012 Standard (64 bit)		

How to Install

Refer to the MAXPRO VMS R450 Commissioning and Installation Guide for complete information on installing MAXPRO VMS R450. This is available inside the DVD package.

Interoperability Matrix
Honeywell Video & Access Control Systems

- Refer to the Honeywell Open Technology Alliance (HOTA), Honeywell Interoperability section at http://www.security.honeywell.com/hota/compatibility/index.html for the latest:
  - MAXPRO NVR and MAXPRO VMS/Viewer Compatibility Matrix
  - MAXPRO VMS/Viewer and Pro-Watch Compatibility Matrix
  - MAXPRO NVR and WIN-PAK Compatibility Matrix

Recommended Reading

After reading this Software Release Bulletin, refer to MAXPRO VMS Device Features Compatibility Matrix to understand the features that are compatible with the MAXPRO VMS. Also, read the documents listed in the related documents section. You can refer to the online help inside the application or the MAXPRO VMS R450 Operator's Guide for information on the various features.

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