



## Release Notes – IP Server 6.3.0

### OVERVIEW

This document contains information regarding our latest development update with IP Server 6.3 and VI Monitor Client 6.3.0 available for download on April 14, 2016. Detailed instructions on how to use each feature are included in the Video Insight End User Guide.

### VI MONITOR

- Recorded Video Improvements
- New icons for Camera types - Fixed, PTZ and 360
- Added New Standard View: 2 Camera Layout
- Synchronized Playback Thumbnails - *BETA*
- Facility Map Setup Improvements - Alphabetical order
- Added ability to organize View and Map items alphabetically
- Facility Map Zooming
- Added date/time picker to Clipping function
- Legacy Camera Tour Support
- Added ability to maximize Object Zoom window
- Added Legacy Layout Tour Cycle Time
- Disconnected camera notification improvements
- Rules Manager Improvements:
  - Added new trigger: Camera Down to Rules Manager
  - Added new trigger: Video Motion that monitors all cameras
  - New Rule: User login notifications added for VI Monitor and Web Client
- Added Legacy Server Side Motion Detection sensitivity bar
- Snapshot Zoom support
- Added ability to mute/unmute audio in right click camera menu
- Added event playback support in Event Viewer
- Added LPR Plate Search feature with detailed playback support
- Recorded timeline usability improvements
- Third Party Access Control Integration Improvements:
  - Filter door by servers
  - Added personnel name to Alarm History
- 100+ bug fixes and improvements

## ACCESS CONTROL INTEGRATION

- Lenel OnGuard Data Conduit Certification 7.1 & 7.2
- MonitorCast V3 Integration Improvements
  - Required integration files loaded automatically with new version of IP Server installation
  - Added REX and door status in Event Viewer, Access View, Lane Viewer and Facility Map

## WEB CLIENT

- Ability to enable/disable access control integration in Web Client
- Access Control - Added door state/status to facility map
- Added ability to create door controls to non administrator users

## MONITORCAST V3.0.5

- Access Levels
  - Added One Time Schedule (Allows a one time access on a certain date/time)
- Anti-Passback
  - Removed date/time search, area reports are now pulling current occupancy only
  - Changed "Dual Card Authentication" to "Dual Personnel Requirement" giving users the ability to maintain two cardholders to have to be in a certain area at any given time. For example: First two in and last two out.
- Badge Printing
  - Updated Badge Printing utility for easier usability
- Dashboard
  - Added Trigger/Macro descriptions to "Trigger Procedure" to dashboard
- Hardware Config
  - Changed default LED mode to 2, the reader no longer flashes green while locked
  - Added popup notification to reset controllers after making hardware changes
  - Changed "General Inputs" to "Unused Inputs"
  - Added "Silence REX" to advanced reader settings (Allows a REX without unlocking the door)
  - Added Dual Card Authentication in advanced reader settings (Requires two credentials to gain access)
- Hardware Status
  - Changed Refresh options to either Auto Refresh or No Refresh
- Rules Manager
  - Added email notifications

## CAMERA INTEGRATION

Manufacturer	Model	Features
<b>GeoVision</b> (New Camera)	GV-FER5302	H264 and JPEG Video Capture Audio Capture Motion Detection 360 De-warp Web Client JPEG
<b>Axis</b> (New Cameras)	F34 M3004-V, M3005-V M3006-V M3007-V, M3007-PV P3905-RE Q1931-E PT Q1932-E PT Q2901-E PT	H264 and JPEG Video Capture Dual Streaming Motion Detection VCA Camera Logging Show Clock Set Codec Set Resolution Set Compression Flip Web Client JPEG Auto-Discovery
<b>Axis</b> (New Cameras)	M1124, M1124-E M1125, M1125-E P1224-E	H264 and JPEG Video Capture Dual Streaming Motion Detection VCA Camera Logging Show Clock Set Codec Set Resolution Set Compression Flip 4x DI Capture 4x DO Trigger Web Client JPEG Auto-Discovery
<b>Axis</b> (New Cameras)	F44 M1034-W M3037-PVE Q1614-E, Q1615-E Q1635 Q1931-E, Q1941-E Q2901-E	H264 and JPEG Video Capture Two-Way Audio Dual Streaming Motion Detection VCA Camera Logging Show Clock Set Codec Set Resolution Set Compression Flip 4x DI Capture 4x DO Trigger

		Web Client JPEG Auto-Discovery
<b>Axis (New Cameras)</b>	Q1765-LE PT P5514-E, P5515-E Q6042-E, Q6044-E, Q6045-E Q6114-E, Q6115-E, Q6128-E Q8631-E, Q8632-E Q8665-E, Q8665-LE XF40-Q1765 XP40-Q1765	H264 and JPEG Video Capture Dual Streaming Motion Detection VCA Camera Logging Show Clock Set Codec Set Resolution Set Compression Flip Zoom/Focus/Iris Preset Set/Recall/Delete Web Client JPEG Auto-Discovery
<b>Axis (New Cameras)</b>	Q6042-C, Q6042-S Q6044-C, Q6044-S Q6045-C, Q6045-S	H264 and JPEG Video Capture Dual Streaming Motion Detection VCA Camera Logging Show Clock Set Codec Set Resolution Set Compression Flip 4x DI Capture 4x DO Trigger Zoom/Focus/Iris Preset Set/Recall/Delete Web Client JPEG Auto-Discovery
<b>Axis (New Cameras)</b>	Q1765-LE Q1775, Q1775-E P5414-E, P5415-E P5514, P5515 V5914, V5915	H264 and JPEG Video Capture Two-Way Audio Dual Streaming Motion Detection VCA Camera Logging Show Clock Set Codec Set Resolution Set Compression Flip 4x DI Capture 4x DO Trigger Zoom/Focus/Iris Preset Set/Recall/Delete Web Client JPEG Auto-Discovery

<b>Axis (New Cameras)</b>	P1405-E P3214-V, P3215-V P3224-LV, P3224-LVE P3225-LV, P3225-LVE	H264 and JPEG Video Capture Dual Streaming Motion Detection VCA Camera Logging Show Clock Set Codec Set Resolution Set Compression Flip Web Client JPEG Auto-Discovery AUX Auto-Focus
<b>Axis (New Cameras)</b>	M1145-L P1425-E, P1427-E P1435-E, P1435-LE	H264 and JPEG Video Capture Dual Streaming Motion Detection VCA Camera Logging Show Clock Set Codec Set Resolution Set Compression Flip 4x DI Capture 4x DO Trigger Web Client JPEG Auto-Discovery AUX Auto-Focus
<b>Axis (New Cameras)</b>	P1364, P1364-E P1365, P1365-E P3365-VE P3384-V, P3384-VE Q3505 Q8414-LVS	H264 and JPEG Video Capture Two-Way Audio Dual Streaming Motion Detection VCA Camera Logging Show Clock Set Codec Set Resolution Set Compression Flip 4x DI Capture 4x DO Trigger Web Client JPEG Auto-Discovery AUX Auto-Focus

<b>ToughDog (New Cameras)</b>	TDODIS230Wi TDODIY330	H264 and JPEG Video Capture Dual Streaming Motion Detection Camera Logging Show Clock Set Codec Set Resolution Set Compression Set FPS Flip Web Client JPEG
<b>ToughDog (New Cameras)</b>	TDODIA4K30	H264 and JPEG Video Capture Dual Streaming Motion Detection Audio Capture Camera Logging Show Clock Set Codec Set Resolution Set Compression Set FPS Flip Web Client JPEG
<b>ToughDog (New Cameras)</b>	TDODIS420 TDIDIS4F TDIDIS12F	H264 and JPEG Video Capture Dual Streaming Motion Detection Audio Capture Camera Logging Show Clock Set Codec Set Resolution Set Compression Set FPS Flip 1xDI Capture Web Client JPEG
<b>ToughDog (New Cameras)</b>	TDODIS3PT	H264 and JPEG Video Capture Dual Streaming Motion Detection Audio Capture Camera Logging Show Clock Set Codec Set Resolution Set Compression Set FPS Flip Pan/Tilt/Zoom/Focus/Iris Preset Set/Recall/Delete

		Web Client JPEG
<b>ToughDog (New Cameras)</b>	TDPTZ2MP12 TDPTZ2MP30 TDPTZ2MP30IR	H264 and JPEG Video Capture Dual Streaming Motion Detection Audio Capture Camera Logging Show Clock Set Codec Set Resolution Set Compression Set FPS Flip 1xDI Capture Pan/Tilt/Zoom/Focus/Iris Preset Set/Recall/Delete Web Client JPEG
<b>ToughDog (New Cameras)</b>	TDOBIS320V/M TDOBIS330M TDODIS320V/M TDODIS330M	H264 and JPEG Video Capture Dual Streaming Motion Detection Camera Logging Show Clock Set Codec Set Resolution Set Compression Set FPS Flip AUX Auto-Focus Web Client JPEG
<b>ToughDog (New Cameras)</b>	TDODIS430M TDODIS450M TDODIS530M TDODIY850M	H264 and JPEG Video Capture Dual Streaming Motion Detection Audio Capture Camera Logging Show Clock Set Codec Set Resolution Set Compression Set FPS Flip 1xDI Capture AUX Auto-Focus Web Client JPEG
<b>ToughDog (New Encoders)</b>	TDNVR8P4 TDNVR8P8-K TDNVR16P8 TDNVR16P16-K TDNVR32P16 TDNVR32-K TDNVR64-K	H264 and JPEG Video Capture Dual Streaming Motion Detection Audio Capture Camera Logging Show Clock Set Codec

		Set Resolution Set Compression Set FPS Flip 1xDI Capture Pan/Tilt/Zoom/Focus/Iris Preset Set/Recall/Delete AUX Auto-Focus Web Client JPEG
<b>Pelco  (New Optera  Cameras)</b>	IMM12018 IMM12027 IMM12036	H264 Video Capture Audio Capture Camera Logging Web Client JPEG Auto-Discovery  <b>Note:</b> The following features have yet to be completed:  Optera De-Warp VCA Set FPS Set Compression 1x DI Capture 1x DO Trigger
<b>Pelco  (New Features)</b>	IMM12018 IMM12027 IMM12036	Added the following features to the Optera Camera line:  VCA Set FPS Set Compression 1x DI Capture 1x DO Trigger  Note: Optera De-Warp still not supported. Service must be run as Administrator, in order to capture VCA and DIO Events.
<b>Advida  (New Features)</b>	VP-8-V2 VP-16-V2	Added the following features: Support for streaming Audio and Video over UDP.
<b>Veilux  (New Features)</b>	All supported Veilux Cameras	Added the ability to stream Audio and Video over UDP.



<b>IQEye (New Features)</b>	761, 762, 763, 765 861, 862, 863, 865, 8712 A30, A31, A32, A33, A35 D51, D52, D53, D55 D61, D62, D63, D65 M51, M52, M53, M55 M61, M62, M63, M65 R51, R52, R53	Added Dual Streaming Support Added UDP Media Streaming Support
<b>Scallop (New Cameras)</b>	D4-120 D7-180XR D7-180XR Horizontal M6-200	H264 Video Capture Camera Logging Show Clock Set Compression Set FPS Auto-Discovery
<b>Scallop (New Camera)</b>	DN14-180	H264 Video Capture Camera Logging Show Clock Set Compression Set FPS Auto-Discovery AUX Day/Night Switch
<b>Trendnet (New Camera)</b>	TV-IP262	H264, MPEG4, and JPEG Video Capture Audio Capture Motion Detection Camera Logging Set Codec Web Client JPEG
<b>Scallop (Bug Fixes)</b>	All supported IP Cameras.	Frequent or Concurrent property changes could cause the Scallop cameras to crash. So now the FPS, Quality, and Timestamp settings are only set on a Server Restart. The AUX Day/Night feature of the DN14-120 has been removed.
<b>IDIS (New Cameras)</b>	DC-S1163 DC-S1263 DC-S1283 DC-Z1163 DC-Z1263	H264 and JPEG Video Capture Audio Capture Motion Detection Camera Logging Set Codec Set Resolution Set Compression Set FPS Flip 1x DI Capture Pan/Tilt/Zoom/Focus/Iris Preset Set/Recall/Delete Auto-Discovery AUX Auto-Focus

		Note: Z-Series Cameras are Zoom Only
<b>Panasonic (New Cameras)</b>	WV-SBV111M WV-SBV131M	H264 and JPEG Video Capture HTTPS Streaming Dual Streaming Motion Detection Camera Logging Show Clock Set Resolution Set Compression Set FPS Flip Auto-Discovery Web Client JPEG Capture Panasonic License
<b>Advidia (New Camera)</b>	E-37-V	H264 and JPEG Video Capture Dual Streaming Motion Detection Camera Log Show Clock Set Codec Set Resolution Set Compression Set FPS Flip Auto-Discovery Web Client JPEG AUX Auto-Focus Zero License  <b>Note:</b> The current firmware will lock out the user if the incorrect password is entered.
<b>2N Helios IP 3S Vision Absolutron ACTi Advidia AI PHONE airCam Appro Arecont ARH ParkIT Arlotto Aver Avigilon Axis Basler Bosch Brickcom Canon Cantonk</b>	All supported models and OEMS by the listed brands.	The following features have been added, enabled, or verified for these cameras:  Camera Logging Camera Authentication Status

<b>Cellvision</b> <b>Cisco</b> <b>CNB</b> <b>Cohu</b> <b>ComNet</b> <b>Cornet</b>		
<b>Dahua</b> <b>DCC</b> <b>DLink</b> <b>DRS</b> <b>DVEO</b> <b>DynaColor</b> <b>Fine</b> <b>Fiti</b> <b>FlexWatch</b> <b>FLIR</b> <b>Foscam</b> <b>GANZ</b> <b>GBO</b> <b>GeoVision</b> <b>GKB</b> <b>Grandstream</b> <b>Hikvision</b> <b>Hitron</b> <b>HKIvy</b> <b>Honeywell</b> <b>Hunt</b> <b>Huviron</b> <b>ICanTek</b> <b>IDIS</b> <b>IDView</b> <b>Infinova</b>	All supported models and OEMS by the listed brands.	The following features have been Added, Enabled, or Verified for these cameras: Camera Authentication Status Camera Logging Quick Close/StopStream
<b>Advidia</b> <b>(Firmware Test)</b>	A-200 FW <a href="#">5.2.0 160316</a>	Firmware Change: Motion Detection events will be sent while PTZ Auto-Tracking is engaged.
<b>ACTi</b> <b>(New Encoder)</b>	V11	H264 and JPEG Video Capture Two-Way Audio Motion Detection Web Client JPEG Auto-Discovery
<b>ACTi</b> <b>(New Encoders)</b>	V21, V22, V23, V24 V31, V32	H264 and JPEG Video Capture Two-Way Audio Motion Detection Pan/Tilt/Zoom/Focus Preset Set/Recall/Delete 8x DI Capture 16x DO Trigger Web Client JPEG Auto-Discovery