



To: Digital Watchdog® Customers
Date: August 3, 2017
Re: DW Spectrum® IPVMS v3.0
Software Update

DW Spectrum® IPVMS v3.0 Software Update

New Software Version: v3.0.0.15297

Release Date: 8/3/2017

New Features:

- New Desktop Client UI and Framework - Newly revamped Desktop Client for Windows, Mac, and Ubuntu Linux.
- Custom User Role Management - Administrators can now create custom roles and share groups of hardware and layouts.
- New, Faster Mobile App - with a new, faster proprietary media player, layouts, live thumbnails and Mobile PTZ.
- New Windows Installer - makes setup of local or cloud-connected Systems as easy as pie.
- New Server Storage Database - Increases performance of Server archive management.
- View Archive from Deleted Cameras - allows users to see archives for deleted cameras that still have footage in storage archive.
- DW Cloud (Beta) - connect your system to DW Cloud to login from anywhere and share access to your system. (Currently on Beta).
- View Web Pages in Desktop Client - users can add, view, and interact with URLs in the Desktop Client.
- Support Ubuntu 16.04 LTS.

New Device Support:

- New Digital Watchdog cameras support: DWC-MV85DiA.
- Axis T8311 Joystick.
- 2-way audio integrated for Hikvision and ACTi devices.
- Pelco Net5504, Net5516 encoders are now supported.
- Pelco D5220 ptz capabilities enabled.
- IP cameras advanced ptz support added for: HITRON NFX-22153D1, Digital Watchdog DWC-MPTZ30X, Sony SNC-WR600, Redvision RVX-IP30-IRWL-W, Cellinx STH795.
- New Arecont Vision models are supported: AV08ZMD-400, AV4655m, AV4656, AV6656, AV10655, AV12565, V12566, AV20565.
- New Axis models are supported: C1004, C2005, C3003-E, M1045, M1054, M1065, M2025, M2026, M3044, M3045, M3046, M3104, M3105, M3106, P1264, P1254, P3707, P1244, Q1941, Q3615, Q3617, Q3708, Q6055, Q6052, Q6155.

Improvements:

- Improved default password auto-fill during auto-discovery
- Added Camera RTSP URL to the Advanced tab in Camera Settings
- Motion detection can be adjusted to any camera stream on Expert tab in Camera Settings
- Redesigned "Device output" action

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Improvements (Cont.):

- Added “Restore factory defaults” option to Server Web page
- Added support of different file systems (besides ext) for Linux-based Servers
- Improved algorithm of balancing the bitrate between storage drives
- Adaptive Reserved space value for storage locations depending on disk size - 10-30Gb for local disks and 50-100Gb for NAS. This change doesn't affect existing Server installations
- Added informative message when external storage can't be added because of wrong login/password
- “Banner information disclosure” vulnerability fix - Server doesn't send application name and version in response on unauthorized request any more
- “Web Server directory traversal” vulnerability is closed on Server
- “Denial of Service” vulnerability fix - Server could crash if some unauthorized individual established a lot of connects to it
- SSL related vulnerabilities fix
- Time synchronization between Servers was improved
- Camera settings are defaulted now if camera was deleted and added again
- Redesigned email notification template with icons and format.
- Content-type for POST requests is now automatically detected (HTTP request as an action)
- Initial connect from desktop and mobile clients was optimized to decrease the connection time
- LIVE video buffer size can be adjustable now in Client Local Settings
- Improved timeline mechanics
- Better support of Retina displays
- Added free space checking to the Client and Server before update - warning will appear if at least one of the peers has not enough space to get an update pack
- Licenses can be recovered during Backup/Restore procedure
- Implemented multiple selection and removing of expired licenses in System Administration interface
- Added “Export” option to the licenses list in System Administration
- Whole system can be renamed now in System Administration and on Server Web page
- Bookmark can be edited from the context menu on “Bookmark log” dialog
- Storage Analytics doesn't take into account Backup storage any more
- Zoom window applied to camera with very wide Aspect Ratio had the same AR parameters. Changed to more suitable.
- Added a warning about the file size limitation for export to .exe (file exceeding 4GB limit)
- Added export to MP4 container format for “Export Selected Area” and “Export Rapid Review”
- Default archive export container format is changed to MKV
- Added hotkey Ctrl+Shift+D for “Disconnect from System” action
- Old crash dumps are now removed by Server to prevent high disk space usage
- Incremental expansion of Server API documentation
- General server stability improvements based on anonymous usage and crash statistics
- RTSP digest authentication support added
- Added I/O support for FLIR FC-series cameras
- Tab “Advanced” in Camera Settings works for Axis camera now
- Advanced PTZ support added for Hikvision DS-2DF5220S-DE4/W
- Ongoing stability improvements

End of Support

- Ubuntu 12.04, Ubuntu 13.04.
- Mac OSX 10.10 Yosemite and below.

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Recommended Upgrade Path:

- From 2.6.0.13109 or later : In-client upgrade to 3.0.0.15297 or fresh install.
- From earlier versions than 2.6.0: Upgrade to 2.6.0.13109 first or do fresh install.
- Important: Re-index the database after upgrading to 3.0.0.
 - Always backup the database before upgrading to newer build or version.

In-Client Upgrade Information:

- Build Number : 15297
- Password : xjdbyl
 - Always backup the database before upgrading to newer build or version

OS Supported - Media Server:

- Windows: 7 Standard, 7 Pro, 7 Ultimate, 8/8.1 Pro, 8.1 Enterprise, 10 Pro/Enterprise.
- Windows Servers¹: any versions of 2008, any versions of 2008 R2, any versions of Server 2012, any versions of Server 2012 R2 (1except Storage Server version).
- Linux: Ubuntu 14.04, Ubuntu 16.04.
 - Important: OS not listed will be not be supported by DW™ Tech Support.

OS Supported - Client:

- Windows: 7 Home, 7 Standard, 7 Pro, 7 Ultimate, 8/8.1 Standard, 8/8.1 Pro, 8.1 Enterprise, 10 Home/Pro/Enterprise¹.
- Windows Servers*: any versions of 2008, any versions of 2008 R2, any versions of Server 2012, any versions of Server 2012 R2 (*except Storage Server version)
- Linux: Ubuntu 14.04, Ubuntu 16.04
- Mac: OSX 10.11, OSX 10.12

* OS not listed will be not be supported by DW™ Tech Support

¹ For Windows 10, recommend 6th Generation Intel i3/i5/i7 processors with 16GB RAM and video card with 1GB or higher RAM.

Mobile App:

- DW Mobile™ App
- DW Spectrum® App 3.0
- DW Site Viewer™ App for Apple TV

Website Download:

Click [here](#) to download all files from the website.

For More Information or Technical Support

Digital Watchdog Technical Support

Toll Free: 866.446.3595

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