



Release Notes – Milestone XProtect® Device Pack Version 7.9

It is with great pleasure that Milestone Systems as of April 30, 2015 is shipping

Milestone XProtect Device Pack Version 7.9

IP Camera and Video Server Compatibility Overview

This release note lists the changes in Device Pack 7.9 that are supported in the following systems:

- | | |
|-------------------------|---------------------------------------|
| • XProtect Go | 1.0 - 2.1 versions, 2013-2014 version |
| • XProtect Essential | 1.0 - 2.1 versions, 2013-2014 version |
| • XProtect Express | 1.0 - 1.1 versions, 2013-2014 version |
| • XProtect Professional | 4.0 - 8.1 versions, 2013-2014 version |
| • XProtect Enterprise | 5.0 - 8.1 versions, 2013-2014 version |
| • Husky | M30, M50 versions |

MPEG4 is supported in XProtect Enterprise 5.5a or newer, XProtect Professional 4.5b or newer.

H.263 is supported in XProtect Enterprise 5.5c or newer, XProtect Professional 4.5c or newer.

H.264 is supported in XProtect Enterprise 6.5d or newer, XProtect Professional 6.5a or newer.

H.264 with interlaced field-encoding is supported in XProtect Enterprise 8.0b or newer, XProtect Professional 8.0a or newer, XProtect Essential 2.0a or newer and XProtect Go 2.0a or newer.

Device Pack changes

Changes from Device Pack 7.8 to 7.9

- Added support for new devices and firmware. Refer to the supported hardware list. See <http://www.milestonesys.com/Support/Technical-Support/supportedhardware/allotherxprotectproducts/> for details.
- Added focus commands for Hikvision.
- Added support for multiple VMD on Pelco.
- Added support for Flickerless AE mode and home position on Canon.
- Fixed an issue with latency for PTZ using ONVIF.
- Fixed an issue with invalid license for universal driver on port other than 80.
- Fixed an issue with PTZ control on ATEME VSIP2 after power outage.
- Fixed an issue in ProxySrv that could cause a crash.
- Fixed an issue with using other than default user on Panasonic BB-HCM.
- Fixed an issue with MIP driver not reconnecting if metadata channel is not closed gracefully.
- Fixed an issue with reconnecting ACTi devices after network outage.
- Fixed a memory leak in Mobotix driver.

**Replace Hardware Remarks:**

Be aware that after using Replace Hardware and changing the license the license should always be checked to verify that it is activated.

Be aware that before using Replace Hardware all Inputs and Events need to be disabled from the Management Application. Failure to do so will end in the Inputs and Events missing after Replace Hardware is used and the only way to get them back is to remove hardware and add it again.

4K Remarks:

Due to the nature of 4K and the high resolution at high frame rates, this will increase the demand for high performing network, CPU, graphic adaptors and monitors. Unless all components in the hardware infrastructure is prepared for a high load, there might be limitations seen as latency, stutter etc.

4K - Recommended Smart Client version 2014 (9.0c) or newer.

Known issues XProtect 2013 versions and newer:

There is a known issue where in the Recording Server logs a lot of devices will display a Video stream error message when a stream is started. This is due to the fact not all frames are keyframes (synchronization point) and if the stream does not send a keyframe as the first frame, it causes the Recording Server to display the Video stream error. This can be seen when Recording Server is started and for some devices when settings are changed.

ONVIF Known issue:

Currently there is a problem with the ONVIF driver showing JPEG video or image when the resolution is set to 3MP (2048x1536) or higher.

ONVIF upgrade from Device Pack 6.2 or earlier remarks:

Some settings can be disabled because the driver now only looks for the different type of settings in the places they should be according to standard.

Some features might not work any longer because the driver now only looks for the features and corresponding settings in the places and in the format they should have according to the standard.

Device Pack 7.1 Upgrade remarks:

When upgrading to Device Pack 7.1 from a Device Pack 6.4 and lower and using XProtect Enterprise 8.x, XProtect Professional 8.x, XProtect Express, XProtect Essential 2.x or XProtect Go 2.x versions, it is important that the previous Device Pack is not uninstalled first.

Axis Remarks:

The Axis M, P and Q drivers (except P8221) have been replaced with four new dynamic drivers that also supports the new Axis Events handling. This means that all new devices added to a system will automatically be detected on one of the new drivers.

Note: If your devices are using firmware 5.20 or lower then Events and I/O will not work with the new drivers. So either upgrade to a newer firmware or manually select the driver to add the device. Be aware if you add the device manually and later upgrade the firmware you will need to do a Replace Hardware to change to the new driver.

Note: Before Replacing Hardware to only change the driver and not the hardware please contact Support on how to do this correctly.

Stretch Remarks:



When applying settings on the new Stretch driver released in DP 6.9, be aware that doing this too often can cause the card to no longer respond. To avoid this, either only apply settings after they have been set for all channels or wait a couple of minutes after the Recording Server restarts to apply any new settings.

To accommodate requests that the Stretch cards can run in a machine that has no Network card, the Stretch cards will from Device Pack 7.1 use a new scheme to retrieve a serial number. This means that when updating from a previous device pack, you need to run a Replace Hardware and get a new license for the Stretch cards to work.

Upgrade from DP 6.7 or earlier remark:

If you are upgrading from a device pack prior to Device Pack 6.7 and using XProtect Enterprise 8.x, XProtect Professional 8.x, XProtect Express, XProtect Essential 2.x or XProtect Go 2.x versions, it is important that you do not uninstall the previous Device Pack first.