Release Notes – Milestone XProtect® Device Pack Version 7.6

It is with great pleasure that Milestone Systems as of October 30, 2014 is shipping

Milestone XProtect Device Pack Version 7.6

IP Camera and Video Server Compatibility Overview

This release note lists the changes in Device Pack 7.6 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 7.5 to 7.6
- 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 AUX support for the Bosch VideJet X10 and VIP X1 XF devices.
- Added support for a more dynamic interface for the Bosch VJT X20 XF-E and VJT X40 XF-E.
- Added support for setting a cap on the max bitrate for the VBR setting in the Sony G6 devices.
- Added support for a more dynamic interface for the Etrovision EV8180F.
- Changed the event handling for Toshiba Teli GE2000 where you would get an Input Falling event even when the event was still active.
- Fixed an issue where after a series of "Camera failed to provide an image" errors the driver was reloaded causing all devices using that driver to lose connection for a second.
- Fixed an issue on Mobotix devices where if the device powered off the system no longer received events from the device.
- Fixed an issue on the Axis M, P and Q series where the authorization algorithm used did not work on the Apache based firmwares.
- Fixed an issue on for the JVC VN-Hxxx series where in the Dual stream settings several settings was not probably translated to Japanese but appeared as garbled text.
- Fixed an issue where devices would periodically become unavailable after upgrading to Device Pack 7.5.
- Fixed an issue where there was a memory leak in some of the drivers in Device Pack 7.5.
- Fixed an issue for Pelco Spectra PTZ devices where getting presets would cause the video stream to be lost for a second and presets would not work.
- Fixed an issue for Samsung SNP-6320P where Focus far and near did not work.

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.

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.