

Milestone Enables Video to Boldly Go Where No Video Has Gone Before



Device Pack 8.1 for Milestone XProtect video management software enables ultra-low bandwidth video transmission for cameras connected to mobile networks. This release also adds support for the latest cameras from Sony and Samsung.

COPENHAGEN – August 27, 2015. Milestone Systems, the open platform company in networked video management software (VMS), has released Device Pack 8.1 for partners and customers using [Milestone XProtect](#) monitoring solutions.

A highlight of this release is support for Digital Barriers' TVI wireless video streaming that contains a patent-protected codec which dynamically adjusts video image resolution and pixel density to fit the quality of bandwidth available for video transmission. TVI thereby ensures delivery of highly reliable, secure, real-time video over mobile and other low-bandwidth networks from first-responder units to control rooms and Accident & Emergency (A&E) units.

Also notable in Device Pack 8.1 is XProtect support for the Sony Generation 7 4K cameras and the Samsung WiseNet Lite camera series. This release further expands on the number of supported devices in XProtect to more than 4,600 (plus various devices in series and non-listed OEM devices). 145 hardware manufacturer brands are supported.

Full support for Digital Barriers' TVI in XProtect

The open platform technology used in Milestone offerings ensures support for more than just cameras and encoders. In this Device Pack release, the [integration of TVI wireless video](#) streaming enables reliable distribution of near-zero latency video from challenging operational environments or mobile units that have limited or variable network connectivity. The integration allows the deployment of body-worn cameras, on-board vehicle cameras and highly mobile public safety video systems for enhanced operational capabilities, events and much more.

One example of use already pioneered by Digital Barriers is mobile emergency service units relaying live video directly from ambulances, together with Electro Cardiogram (ECG) and other vital signs' data, to A&E teams waiting in the hospital for patients to arrive. Transmitting continuous data to the hospital, along with visual status of the patient, optimizes time for initial clinical assessment, triage and preparations. This results in more accurate diagnoses and better outcomes for patients.

"Milestone XProtect, together with our class-leading TVI wireless video streaming solution, means that first-responder units and others operating in the field can relay usable real-time video to central control rooms to support decision-making and operational effectiveness," says Colin Evans, Chief Operating Officer, Digital Barriers. "The combined offering opens up a world of opportunities across the military, police, healthcare services, transportation, manufacturing, construction, natural resources and other sectors."

The integration has been implemented in record time, with the first proof of concept shown at IFSEC 2015 in London this June.

The complete integration between Milestone XProtect VMS and the Digital Barriers TVI solution will be shown in the Milestone booth 3222 at [ASIS](#) Sept. 28 – Oct. 1 in Anaheim, California.

The Milestone-Digital Barriers integration has advantages beyond the ability to use devices on low and variable bandwidth connections. TVI uses a very strong encryption scheme, securing the connection even if public networks are used for the video stream. Another protection feature is the dedicated recording server setup in XProtect: the physical location of the stored video data can be documented at all times, ensuring full compliance to data protection acts. TVI has already been sold into more than thirty countries. This highlights the demand for infrastructure solutions with efficient use of available bandwidth.

“This is yet another testimonial of the power of Milestone open platform technology,” says Henrik Sydbo Hansen, Head of the Camera Partner Program at Milestone Systems. “This rapid implementation of the TVI solution is a clear illustration of our continuing dedication to the broadest and most comprehensive device support in the market. We support such new innovations in mobile technology by offering the DB-connected cameras with a Milestone device license model similar to our encoder license setup – one license per TVI server until 2017.”

Other Milestone release highlights

Extended support for Sony Generation 7 cameras has been added as well as support for Samsung WiseNet Lite cameras. The Milestone Device pack supports SNC-VM772R Sony's first 4K network security camera. The camera captures 4K/30 fps video footage with a minimum illumination of 0.06 lx, thanks to the camera's large 1.0-type back-illuminated Exmor R CMOS image sensor, image processing engine and zoom lens.

The new series of Samsung WiseNet Lite cameras includes 1.3 MP and 2 MP Full HD IP cameras available in a number of configurations and feature sets. WiseNet Lite cameras feature 60dB Digital Wide Dynamic Range (DWDR) and Lens Distortion Correction (LDC), which compensates for image distortion that can occur with wide angle lenses.

The Milestone XProtect Device Pack 8.1 is available now for download from: www.milestonesys.com/support/download-software/

More information on the [TVI integration in XProtect](#).

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Background on Digital Barriers

Headquartered in London, Digital Barriers provides advanced surveillance technologies to the international homeland security and defense markets. It specializes in delivering intelligent information from challenging environments, and in applying intelligence to the scene under surveillance. Digital Barriers works with governments, multinational corporations and system integrators on the most complex and critical surveillance challenges in defense, law enforcement, critical infrastructure, transport and natural resources. Its technology is designed to work in remote, hostile and mobile environments, or to support the large-scale surveillance schemes that underpin public safety and security.

www.digitalbarriers.com.

About Milestone Systems

Milestone Systems is a global industry leader in open platform IP video management software, founded in 1998 and now operating as a stand-alone company in the Canon Group. Milestone technology is easy to manage, reliable and proven in thousands of customer installations, providing flexible choices in network hardware and integrations with other systems. Sold through partners in more than 100 countries, Milestone solutions help organizations to manage risks, protect people and assets, optimize processes and reduce costs.

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