

R2
2018

Product Release 2018 R2

XProtect® like you have never seen it

Connect more cameras than ever
before with support for NVIDIA
GPUs in the Recording Server

GENERAL AVAILABILITY:
JUNE 7

Our second release of 2018 includes:

NVIDIA support in the Recording and Mobile Servers Connect more cameras per recording server than ever before

Building support in Smart Map Navigate with ease between cameras on different floors

Milestone Customer Dashboard The same great user experience, now in your local language

MAKE THE
WORLD SEE

 milestone



XProtect 2018 R2:

Your system is capable of more than you know

Hardware acceleration: More processing power for your growing installation

Dynamic businesses require scalable solutions. You are looking for solutions that maximize productivity and make the most of your resources. With advances in technology pushing users to aggregate more connected devices per installation, we are here with the solution that supports your needs and creates more processing power - by shifting the processing power required for decoding video from the CPU to the GPU.

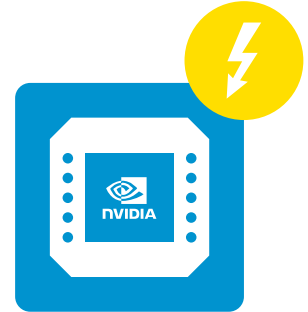
By allowing the VMS to utilize external GPUs for decoding video, it becomes possible to multiply the potential processing power several times over. This lets the user maximize the potential of the system and enjoy a significant increase in performance. This all means that it becomes possible to connect more cameras and watch more streams simultaneously, with a lower CPU load.

XProtect and hardware acceleration: The journey

XProtect's hardware acceleration journey began in 2016. This is when we introduced the use of Intel Quick Sync in video decoding, making XProtect the first VMS in the world to use the built-in Intel GPU to decode video.

In 2018 R1, we introduced the use of multiple NVIDIA graphics cards on the Smart Client side. This meant that it became possible to multiply the number of streams the user can watch several times over, enabling the use of state of the art high definition screens as monitors and even as a part of a Smart Wall installation.

After laying the building blocks for hardware acceleration in 2016 and making sure the client is ready to support the ultimate user experience in 2018, 2018 R2 introduces hardware acceleration in the Recording and Mobile servers using multiple NVIDIA cards.



Expect immediate results

It is time to truly maximize the potential of your system while minimizing the CPU load. The shift of the load from the CPU to the GPU both on the Recording Server and on the Smart Client sides provides immediate results:

Get higher performance, a significant increase in the number of cameras per Recording Server, get much more out of your hardware and spend significantly less money on servers, infrastructure and operational costs.

Milestone is the only VMS vendor that allows video decoding on the Smart Client and Recording Server sides using multiple NVIDIA graphic cards. So that you can focus on utilizing your installation to fit your business needs.

Top 3 benefits

Free up space for other tasks

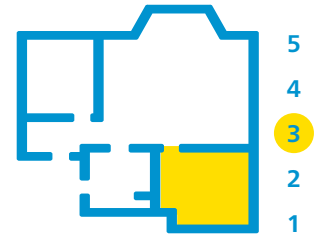
Avoid unnecessary hardware costs

Save on your total cost of ownership

Building Support in Smart Map:

Navigate between cameras on different floors with ease.

Works in 3 simple steps



Define the building layout and number of floors



Upload your floor plans



Position the cameras and enjoy a smooth and seamless experience.

In installations set in buildings with more than one floor, cameras located in the same position on different floors might look clustered in the Smart Client. Also, navigating between cameras, for instance when monitoring events, is difficult and confusing.

The second release of XProtect in 2018 introduces support for multi-layer buildings in the Smart Map, providing a smooth user experience navigating between cameras on different floors in the same building. Based on already supported map formats such as Google and Bing, users can now define building layouts on the map, upload supported

floor plans (CAD/JPEG/PNG), populate each floor with cameras according to their exact location and easily navigate between the floors and the cameras for complete situational awareness.

Unlike other VMS that require the user to switch between different maps, XProtect brings a smoother and easy to use experience since it combines both the publicly accessible maps and the individually uploaded ones into one working environment, allowing the user to zoom in and out from one building to another easily, all from the same map and view in the Smart Client.



Milestone Customer Dashboard

Your experience, your language

Our online system monitoring service is designed to guarantee that your system always works. It is now available in English, German, French, Spanish, Italian and Russian.

How can you prepare for 2018 R2?

Here's everything you need to know about how Milestone can support you through this release.

XProtect VMS Comparison Chart



Price list



Practice makes perfect

Explore our most recent release with these eLearning courses, available 24/7

- Motion Detection in the Recording Server using NVIDIA cards
- Smart Map – Building support and MIP SDK support
- Milestone XProtect VMS Deployment Best Practice Guide

Exploring XProtect 2018 R2 Update Features



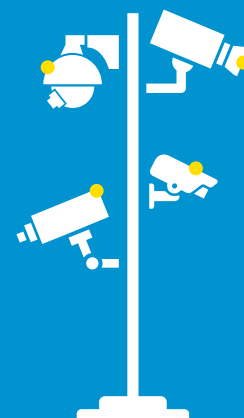
Join the community



Previous product releases



milestonesys.com



Did you know that we now support more than 7,000 devices?

We take great pride in sustaining and finding new ways of supporting our community of tens of thousands of technology partners all over the globe. One way of doing this is ensuring that we have the largest selection of supported devices in the industry. Which means that you can pick the device that best fits your installation's exact needs. When you choose Milestone, you get instant access to a global network of vendors with devices that are proven to work with XProtect. For us, this is proof of the unlimited potential of the open platform.

Want to find out if we support a particular device?

Go to our Device Pack page

Device Pack

