Get this in our first release of 2018:

R1
2018

R2
2018

R3
2018

- Privacy masking
- DLNA support II
- One-click installer
- Legacy Device Pack
- Hardware accelerated video decoding on the Smart Client

XProtect®, now with multiple NVIDIA cards

More high-resolution cameras with no extra CPU load

GENERAL AVAILABILITY:
FEBRUARY 20

MAKE THE WORLD SEE

milestone

2018

takes XProtect to a new level

Welcome to our first product release of 2018! See how your customers can keep people and premises safe, wherever they are, with XProtect.

Hardware accelerated video decoding on the Smart Client using multiple NVIDIA cards

With cameras becoming more advanced and modern installations requiring more cameras per server, it is crucial to provide a way to maximize the CPU load.

Most VMS systems can only utilize the built-in intel card, putting all the necessary load for decoding video on the Smart Client on the CPU. With XProtect 2018 R1, this is the first time a VMS will incorporate multiple graphic cards in its video decoding, pushing the boundaries of video management and setting a new record in terms of performance.

By harnessing the power of multiple NVIDIA graphic cards with our VMS, we shift the processing power required for video decoding on the Smart Client from the CPU to the GPU.

CPU ➜ **GPU**
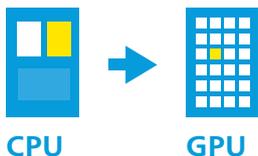
This results in an unparalleled ability to display more high-resolution cameras on the Smart Client as well as use more HD screens for display or as part of the Smart Wall function, without putting any extra load on the CPU.

CPU load by number of streams

| | 1 | 4 | 9 | 16 | 25 | 36 | 49 | 64 | 100 |

■ Without HW acceleration   ■ With HW acceleration

XProtect Smart Client performance measured for h.264 stream format displayed in full HD. Tested hardware: Windows PC with Intel Core i7-8700K processor at 3.70GHz, 32 GB RAM, 2X NVIDIA GeForce GTX 1080 8GB
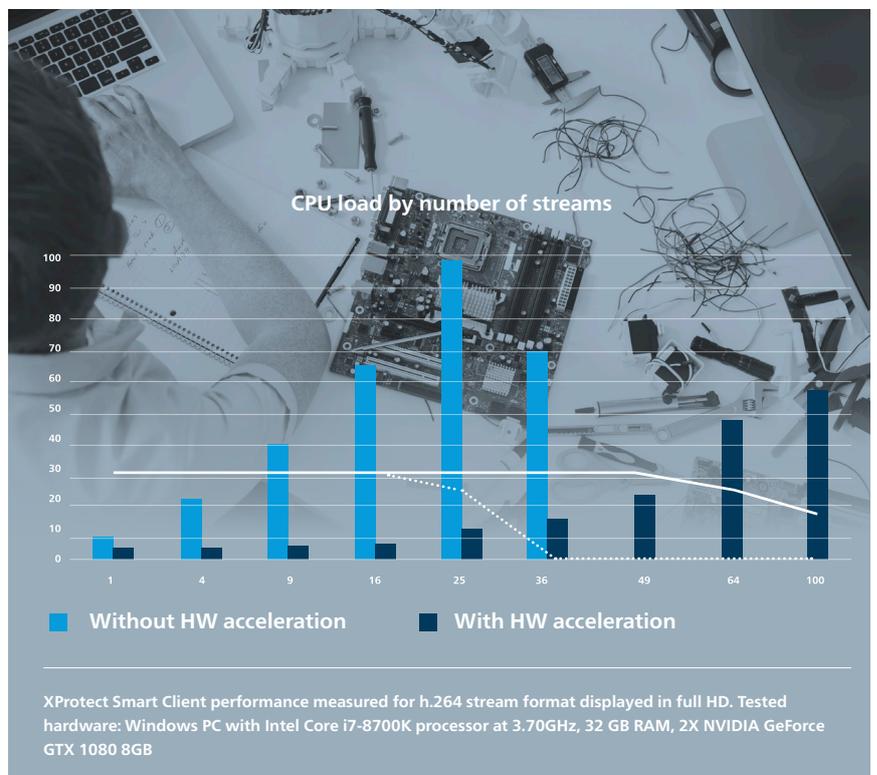
Top 3 benefits

View more streams with less CPU load

Increase efficiency: display more cameras per workstation and free resources for other tasks

Enjoy modern cameras & screens with the highest resolution

Hardware accelerated video decoding on the Smart Client using multiple NVIDIA cards

This is a way for users to maximize the true potential of their installations, as less CPU load is required regardless of how many cameras are connected.

It equals better use of resources: customers can use the latest cameras and screens in the highest resolution possible, thanks to a lower CPU load and more available processing power.

Smaller installations can leverage existing NVIDIA cards to get a lower CPU load and free up resources for other tasks needed on the same PC.
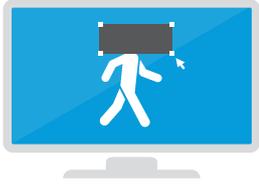
Privacy masking

What it does

Our new privacy masking feature allows two kinds of masking: **permanent** and **liftable**, both on live and recorded video.

It is managed efficiently with user-rights, making sure privacy is well protected at all times.

Why customers love it

It saves them money and it's scalable. As this feature is built into the VMS, users do not have to pay for a third-party solution. It works on both live and recorded video, ensuring privacy at all times. With support of an unrestricted number of streams, this is a total solution for all kinds of installations.

It is safe and secure. Lifting the mask is possible only with the right credentials. This feature making evidence available for investigation and ensures that privacy is protected in everyday life.

DLNA support II

What it does

This feature allows users to connect their VMS system to any DLNA-supported TV and display video captured from cameras **without a computer or Smart Client.**

The carousel function makes it possible to alternate between relevant cameras, while the rule-based camera selection makes it simple to display the video from a specific camera when an event such as motion detection or a light being turned on occurs.

Why customers love it

This is a way to watch video from a certain area in an easy, simple and affordable manner, with minimum equipment required.

Users can now be sure video is displayed at the right time with the rule-based camera selection. Also, displaying video is a great crime deterrent and by using the carousel mode, users can make sure customers are well aware of their video surveillance.

One-click installer

What it does

It makes it possible to configure XProtect faster and easier already during installation, with automatic device detection and retention-time configuration. Users can manage their hard-drive space more efficiently than ever.

Why customers love it

This is an easy installation for the single server installer. What was previously done separately on the Management Client is now easily done already during installation. This is simpler and more user-friendly.

Legacy Device Pack

Faster and more efficient drivers download for commonly used cameras! XProtect supports over 6,000 cameras and devices. To avoid having large and download-heavy device packs, we will now split the device pack into a Main device pack with drivers for the most commonly used devices (including new ones added every other month) and a Legacy device pack with drivers for cameras that are older and less used. This is another step forward towards a faster download and a great user experience.

NEW ONLINE TOOL
AVAILABLE FEBRUARY 20

Downloads

XProtect VMS Comparison Chart

Price list

XProtect 2018 R1 New Features Presentation (PowerPoint)

Privacy masking Feature Brief (EN & DE)

DLNA support Feature Brief

Hardware acceleration Feature Brief

eLearning

Exploring the XProtect® 2018 R1 Update Features

After completion, individuals in customer-facing roles, as well as anyone interested in the new release, will be able to describe the benefits of the XProtect 2018 R1 release features. To learn how to configure these new features in XProtect, we recommend a review of the following courses, which will be updated with the latest release on February 20th:

• Getting Started with XProtect VMS

• Adding Cameras and Devices

• Configuring DLNA output

These courses are available on the **Milestone Partner Learning Portal,** which is available to anyone with a valid MyMilestone ID.

Compatibility

FEATURE	XProtect Essential+	XProtect Express	XProtect Express+	XProtect Professional	XProtect Professional+	XProtect Expert	XProtect Corporate
Hardware acceleration	✓	✓	✓	✓	✓	✓	✓
Privacy masking			✓		✓	✓	✓
DLNA support II			✓		✓	✓	✓
Legacy Device Pack	✓	✓	✓	✓	✓	✓	✓
One-click installer	✓		✓		✓	✓	✓

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Our knowledge works for your success

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