

Technical Release Notes

XProtect[®] Video Management Software 2024 R1

Available on June 25th, 2024



These release notes cover the following XProtect® products and clients:

XProtect® Corporate 2024 R1

XProtect® Expert 2024 R1

XProtect® Professional+ 2024 R1

XProtect® Express+ 2024 R1

XProtect® Essential+ 2024 R1

XProtect® Smart Client 2024 R1

XProtect® Web Client 2024 R1

XProtect® Mobile 2024 R1

XProtect® Software Manager 2024 R1

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Changes and solved issues

Changes compared to XProtect VMS Products 2023 R3

With the 2024 R1 VMS release we support the new AXIS TU9001 Control Board (joystick) through the XProtect input unit plugin for the Axis T8310.

Changes compared to XProtect Management Client 2023 R3

The 2024 R1 VMS release introduces a Care reminder in Management Client. The reminder will pop up a maximum of two times before Care expires. Once when there are 100 days left and once when there are 20 days left. The pop up will show up once per machine.

Changes compared to Recording Server 2023 R3

No changes

Changes compared to XProtect Smart Client 2023 R3

A new export format, "media player format – combined file", has been added to the export tab in the Smart Client, along with a corresponding new tab in the export settings dialog. Choosing the new format will result in a single combined file (in MKV or MP4-format), containing all exported video sequences from all cameras, in the order in which they are arranged in the export list, playable in a normal media player application.

A few other changes have been made in relation to the new format:

- The existing media player export format has been renamed to media player format – individual files.
- The contents of the export list can now also be manually rearranged, so you can choose the order in which sequences appear in the resulting file.
- The export list can no longer be sorted by any of the columns.
- The list of available export formats can now be collapsed, allowing more room to work with the contents of the export list.
- A tab regarding the new format has been added to the export settings, where different settings, related to compression quality, file-format etc. can be managed.
 - The availability of the new format, as well as the settings, is controllable using Smart Client profiles set up in the Management client. On new installations the new format will be set to "Unavailable" by default on the default created Smart Client profiles.
 - For existing installations this default will be overridden if a smart client profile already has the old media player export-format set to "Available", and the new format will also be set to "Available".

Changes compared to XProtect Web Client 2023 R3

With the 2024 R1 VMS release Web Client now has timeline in Full screen mode. The timeline is set by default to auto-hide in Full screen, after 5 seconds of inactivity on the screen. This auto-hide function is controlled by a setting.

Additionally, the full screen experience is now aligned between the Investigations expand single camera and the Views Grid view and both have the new timeline.

Changes compared to XProtect Mobile 2023 R3

There is now Alarm Support on Smart Maps in Mobile Clients. When a camera on the Smart Map is source of a new alarm, there is an indication for the alarm on the map, showing as red circles. When the camera is selected information about the alarm will show at the bottom of the screen. Users can go to the alarm details for more information on the alarm.

Changes compared to XProtect Mobile Server 2023 R3

Mobile Server now audit logs the logout action and reason from Mobile and Web Clients. Audit log entries will show if a user chose to log themselves out of the system, or if the server dropped their connection for some reason (inactivity or other).

Changes compared to Software Manager 2023 R3.

No changes.

Product features discontinued in this release

Smart Client installed help

The Smart Client no longer has installed help files but relies on online help from the Milestone web site. If a workstation running the Smart Client does not have internet access, the client will present a link to the relevant help topic.

Support for WinForms plugins in Smart Client

Smart Client plugins using WinForms will now generate a warning when compiled. Existing plugins with WinForms technology will continue to work but generate warnings at compilation time. Use of WinForms is connected to problems with the UI scaling properly at high resolutions in use with Windows scaling options.

Product features to be discontinued in the future

Software Manager

The 2024 R1 VMS release is the last release of the Software Manager tool. It will be replaced by the new XProtect Update Manager.

Multiple Recording Server Instances

The 2024 R1 VMS release is the last release including support for installing multiple Recording Server instances on the same machine. The feature will not be available in the 2024 R2 release onwards. A knowledge base article is available outlining how to upgrade an installation using multiple Recording Server instances.

Using Interconnect to connect cameras from certain terminated products.

The 2024 R1 VMS release is the last release where it is possible to use Interconnect together with XProtect products that are terminated on June 30, 2024 (XProtect Enterprise, XProtect Professional, XProtect Express, XProtect Essential, and the Husky M10). From the 2024 R2 VMS release onwards this will no longer be possible.

Support for Microsoft SQL Server 2014

The 2024 R1 VMS release is the last release including support for Microsoft SQL Server 2014. From the 2024 R2 VMS release it will no longer be listed as supported on the system requirements page.

JPEG transcoding in the Smart Client

The 2024 R1 VMS release is the last release including support for transcoding video streams to JPEG. From the 2024 R2 VMS release the setting for this feature (image quality) will no longer be available in setup mode, in the properties pane.

SMTP camera events

The 2024 R1 VMS release is the last release to include support for SMTP camera events. This feature has been deprecated and disabled by default for some time but from the 2024 R2 VMS release it will no longer be available.

Downloads and documentation

The XProtect VMS 2024 R1 software, release notes, administrator manual, and the XProtect Smart Client user manual are all available for download via the following link:

<https://doc.milestonesys.com/>

Feature compatibility

Please refer to XProtect Product Comparison Chart available on the release page:

<https://www.milestonesys.com/2024-r1/>

Localization

Please refer to <https://www.milestonesys.com/support/tools-and-references/supported-languages/>

System requirements

Please refer to <https://www.milestonesys.com/SystemRequirements>

Product availability

XProtect VMS Products 2024 R1 is available **June 25th, 2024**



Milestone Systems is a leading provider of open platform video management software; technology that helps the world see how to ensure safety, protect assets, and increase business efficiency. Milestone enables an open platform community that drives collaboration and innovation in the development and use of network video technology, with reliable and scalable solutions that are proven in more than 150,000 sites worldwide. Founded in 1998, Milestone is a stand-alone company in the Canon Group.