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Technical Release Notes

XProtect® Video Management Software 2023 R3

Available November 14, 2023

R3
2023

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

XProtect® Corporate 2023 R3
XProtect® Expert 2023 R3
XProtect® Professional+ 2023 R3
XProtect® Express+ 2023 R3
XProtect® Essential+ 2023 R3

XProtect® Smart Client 2023 R3
XProtect® Web Client 2023 R3
XProtect® Mobile 2023 R3
XProtect® Software Manager 2023 R3

New in XProtect VMS products 2023 R3

Deploying XProtect with cloud SQL services

XProtect can now be deployed in Azure using the Azure SQL Database service or Azure SQL Managed Instance. It is also possible to use Azure AD integrated authentication.

It has been previously announced that XProtect also supports deployment using AWS RDS.

XProtect Event Server 2023 R3

The XProtect API Gateway 2023 R3 is now a mandatory component (previously optional). The XProtect Event Server 2023 R3 may not function correctly if the XProtect API Gateway is not installed.

XProtect Mobile 2023 R3

Android Camera field of view on Smart Map – Now the users can see the range and direction of any camera. The settings must be applied in the Management Client first.

Emergency Alert – Now the users can react even quicker to a new emergency alarm. They can acknowledge or mark as false positive in just two steps.
The emergency alarm definition needs to be set up in the Management Client as explained in the manual.

Changes and solved issues

Changes compared to XProtect VMS Products 2023 R2

No changes.

Changes compared to XProtect Management Client 2023 R2

No changes.

Changes compared to Recording Server 2023 R2

No changes.

Changes compared to XProtect Smart Client 2023 R2

- The Smart Client now has the abillity to open multiple video tabs to enable the operator to do multiple investigations to work on evidence from different views and points in time at the same time.

- Smart Map is updated with support for output devices and the use of shape files now allows defining a separate outline color for shapes.

- Optimization has been done to the login proccess when the Smart Client signs in to systems configured with Milestone Federated Architecture. The experience of this optimization depends on many factors and will especially be noticable with a high number of Management Servers.

- You can now restore an export list even if the export job was cancelled or completed successfully. Previously, you could only restore the list if the job failed. This change allows users to re-export cameras easily if they made a mistake, such as forgetting a camera.

- In the last release, we introduced Adaptive View for Export in the Smart Client Player. In this release, we have made some small improvements:
    o Onboarding Guide: When a user opens the Smart Client Player, they will now get a guide about Adaptive View. Users can start using it, dismiss the guide, or choose not to see it again. Their choice will be remembered on their Windows device.
    o Camera Limit Warning: Users will receive a warning if they try to display more than 100 cameras in Adaptive View.
    o Persistent Camera Settings: The changes users make to camera properties, like turning off bounding boxes, will now be saved in Adaptive View.

Changes compared to XProtect Web Client 2023 R2

In 2023 R3 we are releasing a few changes to Web Client which enhance its usability:

- Onboarding guide for new features – a step by step optional guide for users to turn on or restart to preview new features and how to use them.

- Ability to search by camera description in the Left pane – as in Smart Client, now operators can search for cameras by terms in their description in Management Client and not just the camera name.

- Renewed Timeline in Investigations tab – users can now benefit from the new timeline in the Investigations tab so they can use the new time selection mode with brackets, auto-loop selected recording, preview bookmarks, etc.
- Time selection mode helper buttons in Bookmarks Dialogue and Investigations tab – we have added helper buttons to both places where users can interact with the brackets time selection mode. These buttons support the user to quickly find or bring the brackets to their current location in the timeline.

Changes compared to XProtect Mobile 2023 R2

In the alarm detailed screen there is a video preview now, instead of a thumbnail.

Changes compared to XProtect Mobile server 2023 R2

In this release we have implemented the following changes to the Mobile server and its components:

- Removed commands, related to system login from the Mobile server, which are not in use by the Mobile server admin plugin in the Management Client to enhance security.
- Added indication to the top bar in the Mobile server admin plugin UI to indicate to administrators when there is an issue with the certificate on the server, so administrators have a clear visual indication that something is wrong with the server communication.

Changes compared to Software Manager 2023 R2

No changes.

Downloads and documentation

The XProtect VMS 2023 R3 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:
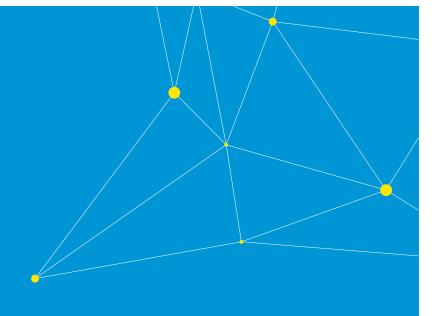https://www.milestonesys.com/2023-r3/

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 2023 R3 is available **November 14, 2023.**

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.