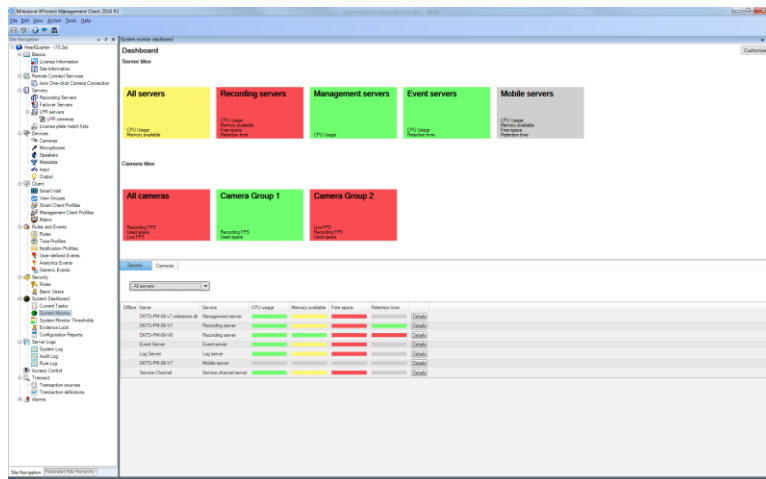


Proactive system management

- integrated holistic system monitoring function

System Monitor is a dedicated real-time monitoring function included in Milestone XProtect video management software. Covering servers, storage, cameras and the VMS software itself, System Monitor is a holistic system management function for system administrators and IT managers

Video surveillance installations are complex systems with a large number of components that need to function in an optimal way to ensure reliable operation and optimal use of available system and network resources. Recognizing this need, Milestone includes a dedicated and fully integrated system monitoring function with its advanced VMS products.



The tile concept and the clear color scheme provides an at-a-glance visual overview of the operational status of the complete VMS installation

Real-time monitoring

The real-time interface of the System Monitor is based on a tile concept, where each tile can represent a group of system objects (such as management servers, recording servers or cameras) or individual objects. This means that the System Monitor is easy to customize and adapt to specific configurations and monitoring needs. The tiles are color coded according to the operational status of the objects they represent, which provides a real-time, at-a-glance operational overview.

Key benefits

- Helps ensure stable and reliable operation
- Dedicated tool for holistic system monitoring
- Enables proactive system monitoring
- Fast problem identification and location
- Enables customizable notifications to the Milestone-hosted Customer Dashboard service

Key features

- Customize dashboard for specific users
- Clear color tiles reflecting actual operation status
- Instant drilldown to individual objects
- Flexible definition of status thresholds
- Historical performance metrics
- PDF reporting of historical performance data
- Predictive video retention warning
- Email, alarm and Customer Dashboard notification

Want to know how

Read more about the rule engine in the Administrator Manual:

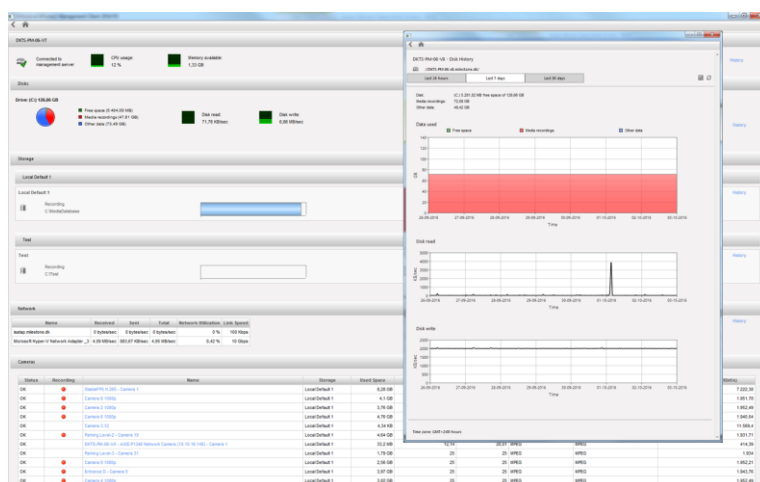


Monitoring thresholds

System Monitor operates with thresholds for normal, warning and critical levels, which control the coloring of the tiles in the dashboard. Similar to the tiles, the thresholds can be defined for a group of objects or individual objects. This enables differentiated monitoring of critical objects and less critical objects, and the ability to tailor the operational levels.

Instant drilldown – problem location and analysis

In the event of a system problem, it is possible to make an instant problem location and root-cause analysis using the dashboard. By simply clicking a tile in the dashboard, system administrators can get a list of items covered by the tile, for instance cameras. Clear status color codes and the ability to sort the list based on a specific status parameter make it easy to locate a problem. Once located, it is possible to do a first-level root-cause analysis based on detailed data and historical data patterns for the failing system component.



System Monitor provides detailed and historical data for servers, connected storage and devices enabling root-cause analysis of problems

Predictive video storage monitoring

System Monitor provides a unique predictive video storage monitoring function. It raises an alarm if the video storage is not sufficient to accommodate predicted future video recordings, which are based on the actual rate and volume of recording, space remaining and retention time.

Event triggering

The thresholds defined in the System Monitor are system events that can be used by the rule engine or the Alarm Manager. This means that System Monitor can trigger a wide variety of actions including sending email notifications or sending notifications to the Milestone Customer Dashboard service.

Available to anyone

System Monitor is an integral part of Milestone XProtect Corporate and XProtect Expert VMS products, and is available via the following interfaces (subject to the respective client profiles):

- Management client
- XProtect Smart Client
- XProtect Smart Wall

Additional monitoring tools

Milestone XProtect VMS products are compatible with third-party monitoring tools via

- SNMP – Simple Network Management Protocol traps
- SCOM – Microsoft's System Center Operations Manager

Milestone Systems is a global industry leader in open platform IP video management software, founded in 1998 and now operating as a standalone 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.