

CEM SYSTEMS

AC2000 Milestone xProtect Video Management System Interface



Seamless System Integration
Integrates AC2000 with Milestone XProtect (Corporate, Professional, and Expert) VMS.



Multi-Camera Display
Display up to 16 individual camera feeds simultaneously in a single-screen virtual matrix, with configurable layouts.



Centralised Security management
Associate access control alarms with live and recorded Milestone video in AC2000 Security Hub application.



Intelligent Camera Control
Adjust camera pan, tilt, and zoom via AC2000, with the ability to capture snapshots and export video clips.



Alarm Video Pop-Ups
Automatically display live video on alarm events based on priority and timing.



64-bit Video Platform
Built on a 64-bit video architecture for improved performance.

Integration Overview

The AC2000 Milestone Interface provides seamless integration between the AC2000 Security Management System and Milestone XProtect Video Management System (VMS).

This integration enables operators to centrally manage access control events, alarms, and associated Milestone XProtect video from a single platform. The interface also

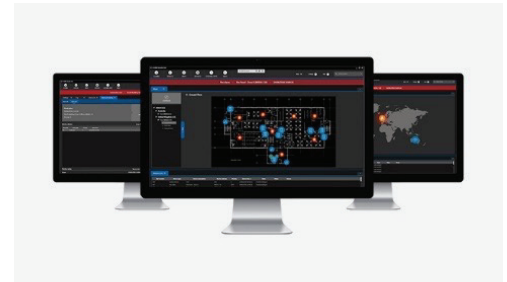
enables system operators to receive alarms from Milestone servers, view live and recorded video feed from multiple cameras, take video snapshots, create video incidents and control camera positioning.

As a result, AC2000 functions as the central Security Management System (SMS), unifying access control, alarms, and video management to enhance situational awareness and improve response efficiency.

Alarms with Associated Video – AC2000 Security Hub

The AC2000 Security Hub application provides a centralised interface for monitoring alarms, events, and linked camera footage. When an alarm includes Milestone video, operators can quickly access it via **“View Recorded Footage,”** which launches the AC2000 Video Viewer and streams content directly from the Milestone VMS.

Camera icons can be displayed alongside access control readers and other integrated components, supporting intuitive, visual monitoring.



Video Viewer

The AC2000 Video Viewer provides operators with a comprehensive set of tools to view and manage live and recorded video associated with alarms. Video playback automatically begins from the start of the footage and includes standard video controls such as play, pause, fast forward, rewind, skip, snapshot capture, and video clip export.

Live Video Feed

Operators can display up to 16 camera feeds simultaneously using a configurable virtual matrix layout 1x1, 2x2 (4), 3x3 (9), or 4x4(16). Each feed is presented in its own pane, which can be easily configured using an intuitive drag-and-drop interface to assign cameras as required.

The interface supports live video monitoring, alarm-driven playback, advanced search, and a snapshot capture using the Grab Frame function.



Live video pop-up

The Video Popup application provides real-time display of alarms with associated live video, enabling immediate response without waiting for recorded footage.

Video feeds can automatically prioritise higher-rated alarms, with queue management for handling multiple simultaneous events. Live feeds can also be configured for display on video walls via the Milestone Smart Client application.

Video Popup Priority

Alarm video pop-ups can be prioritised (highest to lowest), ensuring critical events are displayed first when multiple triggers occur.

Camera Controls

PTZ and dome cameras can be fully controlled through the Video Viewer interface, allowing operators to perform pan, tilt, and zoom actions, activate presets, and monitor live feeds during incidents.

Operators can take manual control of cameras in real time to track events, with all activity recorded for accurate review.

Preset On Alarm

When an alarm is triggered, AC2000 can automatically instruct cameras preset within the Milestone XProtect system to move to predefined positions using the ‘Run’ function before recording begins. This ensures optimal positioning and accurate capture of critical events.

Recorded Video Search and Retrieve

Operators can quickly locate recorded video using criteria such as date, time, device, alarm name, server, camera, or specific video incidents, including user-requested footage. Results can be replayed directly from the search interface to support fast and efficient investigation.

Import Tool

The AC2000 Import Tool simplifies configuration by automatically importing and setting up all cameras from the Milestone VMS.

Camera Access permissions

Administrators can define user permissions for video functionality, including viewing, playback, camera control, snapshots, and exports. Access can be tailored by user group to meet operational requirements. For example, for recorded playback you may want to prevent certain user groups from exporting recorded footage, but you may want them to have full control of the recorded playback and create video incidents.

Reports

Additionally system operators can view archived video footage by running alarm reports in the AC2000 Reports application.

64-Bit Video Platform

The AC2000 Milestone integration is developed using the Milestone MIP SDK 2025 R3 and operates on a 64-bit platform, delivering improved performance and higher processing capability and memory utilisation for enhanced video management.

Failover Support (Milestone Corporate Only)

To enhance system resilience, an additional Milestone Corporate server can be configured in failover mode. (Contact CEM Systems for details.)

Requirements and Compatibility

- AC2000 V11.0
- AC2000 Video Platform 64bit v11.0.12 or above
- AC2000 Service Pack 2 or later
- Milestone MIP SDK 2025 R3

Tested with:

- XProtect Corporate 2025 R1
- XProtect Corporate 2025 R2

Compatible with:

- XProtect Corporate
- XProtect Professional
- XProtect Expert

Ordering Information

Model Number	Description
SWVINT-MILE	Milestone XProtect Corporate Video Interface
SWVINT-XPROT-PRO	Milestone XProtect Professional Video Interface
SWVINT-XPROT-EXP	Milestone XProtect Expert Video Interface