

Search in XProtect

Unified evidence discovery for faster, smarter investigations

Search in XProtect is the operator's hub in XProtect Smart Client, designed to locate relevant video and data quickly across large camera estates. From one place, users can search by motion, events, alarms, people, vehicles, bookmarks, and even where a recording takes place, dramatically reducing time-to-evidence.

Search that speeds up response and review

Search in XProtect helps accelerate post-incident investigations by allowing operators to start with a time and location, then layer on filters to pinpoint critical moments. It streamlines alarm triage by enabling quick searches for active or unhandled alarms and their associated video, helping teams prioritize responses. The tool also supports compliance and audit workflows by making it easy to retrieve event-linked footage for verification. Finally, it simplifies evidence packaging by letting users collect all relevant clips from search results and add them to an export list for efficient case documentation and sharing.

Unified search workspace

Search in XProtect unifies all search types into a single workspace, making it faster and easier to locate critical evidence. At its core is a centralized search interface that consolidates multiple data types (motion, bookmarks, alarms, events, people, vehicles, and location data) into one tab. Operators select the cameras and time range, then choose the category they want to search, streamlining the entire process.

Forensic motion search

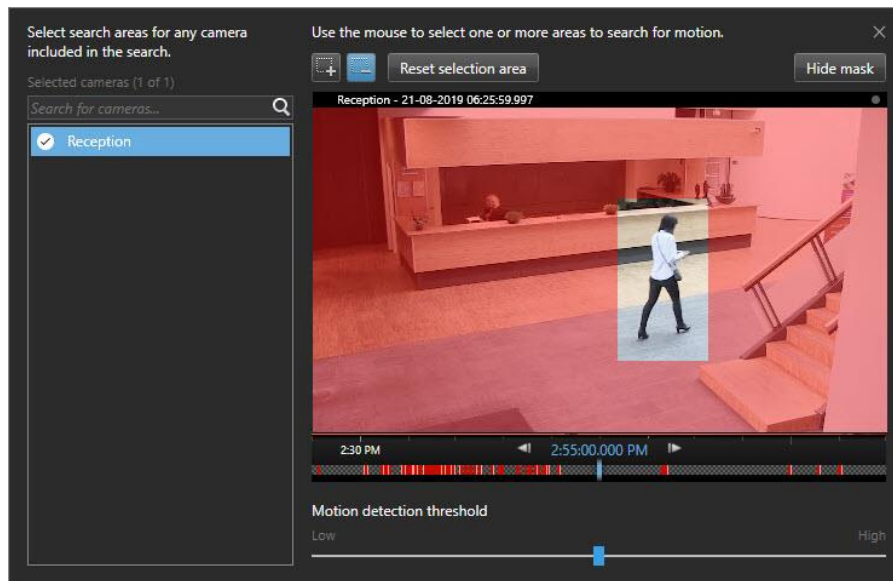
Motion-in-area search enhances forensic investigations, allowing users to draw zones within a scene and adjust motion thresholds to detect only relevant activity.

Key benefits

- **Find evidence faster** with a single, consolidated Search tab that works across many cameras and time ranges, beyond timeline scrubbing.
- **Precision filtering** to narrow results by category (for example, motion, alarms, people, vehicles, and location), returning only what's relevant.
- **Action on results immediately:** open results in detail or detached windows, move them to full-screen for review, and add selected clips straight to an export list for sharing.
- **User-friendly experience:** motion-in-area searching lives on the Search tab, keeping all investigation tools in one place.

Key features

- **Unified search tab:** access motion, people, vehicles, alarms, events, bookmarks, and location data from one central interface.
- **Advanced filtering:** narrow results by time, camera, object attributes, license plate, or alarm state for precise investigations.
- **Motion-in-area search:** draw zones within a scene and adjust sensitivity thresholds to detect relevant movement.



Users can search for video recordings with motion within defined areas. Select a camera and in the red preview area, select and drag to unmask at least one area. The system looks for motion only in that area.

People and vehicle intelligence

People search adds powerful appearance-based filtering, including age, gender, height, and face visibility, while introducing even richer attributes such as clothing colors, patterns, and facial hair for greater precision. Similarly, vehicle search enables filtering by license plate (partial or full), issuing country, and match lists, with optional integration to XProtect LPR for more detailed license plate recognition features.

Alarms, events, and location context

Operators can also search for linked alarms and events to reconstruct incident timelines or use location-based search to find recordings by where the video was captured. This is ideal for large deployments.

Bookmarks and evidence management

Bookmarks are fully searchable and editable, ensuring quick access to tagged evidence. Once results are found, users can review them in detail, open in detached windows, or switch to full-screen mode. From there, clips can be added to an export list in bulk for efficient evidence packaging.

Key features, continued

- **People & vehicle appearance search:** filter by clothing color/pattern, facial hair, age, height, license plate, and issuing country.
- **Multi-criteria search:** combine multiple categories (e.g., motion + people) for highly targeted results.
- **Location-based search:** quickly find recordings by where the video was captured, even across large deployments.
- **Result review options:** preview clips, open in detailed or detached views, and switch to full-screen instantly.
- **Export workflow:** add selected results to an export list for streamlined evidence packaging and sharing.

Operator workflow (at a glance)

- Open the Search tab → select relevant cameras and time span.
- Select a time interval
- Select cameras
- Choose Search for > a category (e.g., motion, people, vehicles).
- Apply filters (appearance, license plate, area-of-interest, etc.).
- Preview video from search results
- View video in playback mode (detail view, detached window, or full-screen).
- Add to export list and proceed with the standard export process.

Availability & requirements

- Search is part of XProtect Smart Client and integrates with live and playback workflows.
- Additional requirements:
 - Alarms and Events search requires XProtect Corporate or XProtect Expert.
 - People, vehicles, and location search require XProtect Corporate or XProtect Expert, compatible cameras, administrator enablement of features for users, and user permissions.

HQ reception

27-07-2020 14:36:29



00:00:26

Details

Location

Reception

Camera name	Bookmarks event time	Start time
HQ reception	23-09-2020 00:51:47.676	23-09-2020 00:51:47.676
End time	Added by	Bookmark ID
23-09-2020 12:51:08.112		no.000001
Description	Headline	
-	Reception	

To preview the video sequence and bookmark details, select a search result and play back the video in the preview pane on the right-hand side.

Advanced multi-criteria searches

For advanced scenarios, multi-criteria searches (available in XProtect Corporate and Expert) allow combining filters, such as motion plus people, to isolate only the most relevant sequences. Together, these capabilities transform hours of video review into minutes of actionable insight, all within a single, unified search experience.

Want to know more?

Read more about Search in XProtect in the Documentation Portal:





About Milestone Systems

Milestone Systems is a world leader in data-driven video technology used in industries as diverse as manufacturing, airports, law enforcement, retail, and traffic management. We provide a clear picture of how to create a safer, better and more prosperous world. Our XProtect video management software, BriefCam AI-powered analytics, and Arcules cloud VSaaS help our customers learn from the past, understand the present, and predict the future. Founded in 1998 and headquartered in Copenhagen, Milestone employs more than 1,500 people worldwide and has been an independent company in the Canon Group since 2014. Visit milestonesys.com for more information.