AXXONSOFT LAUNCHES VERSION 3.6 OF AXXON NEXT VIDEO MANAGEMENT SOFTWARE

Version 3.6 of the innovative open-platform video management software Axxon Next is now available. Highlights in the new version include improved system performance and stability, as well as added features and enhancements to functionality and usability.
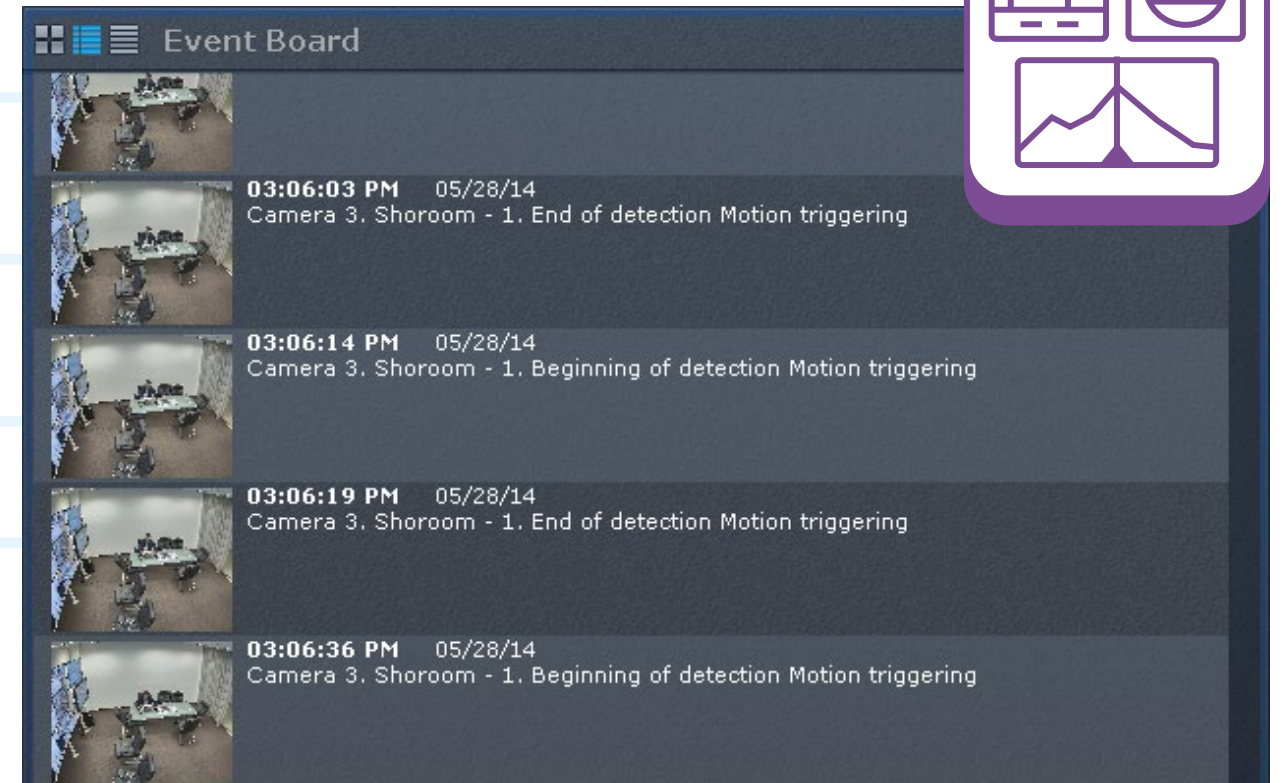
What's New in Axxon Next 3.6
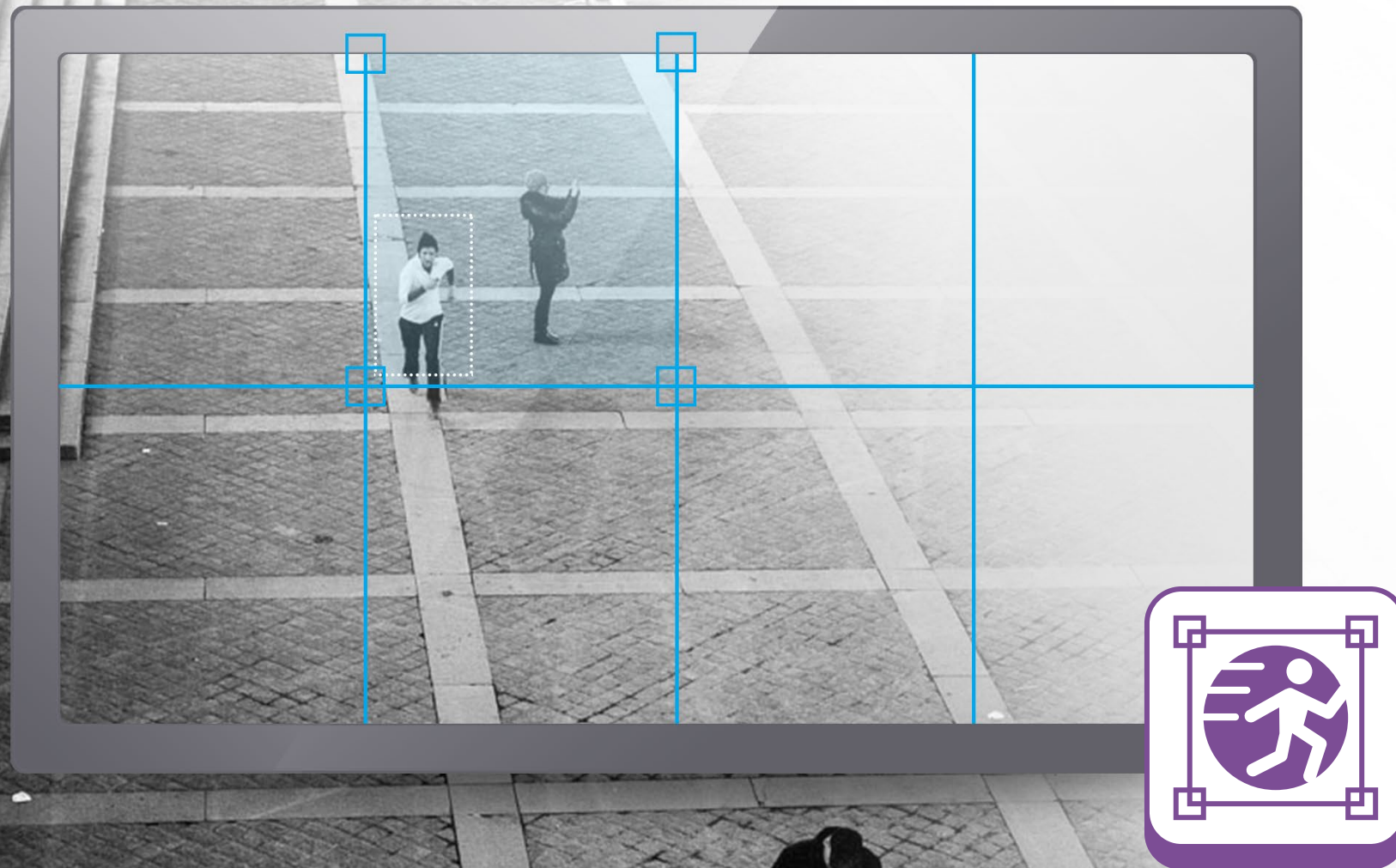**Read the following pages**

WHAT'S NEW IN AXXON NEXT 3.6

INFORMATION BOARDS can be added to layouts alongside surveil-lance viewing tiles. Information boards are a quick, visual way of monitoring three types of information:
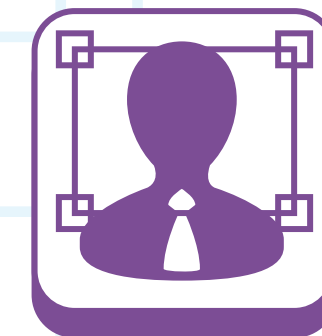
1. health of system components;

2. statistics for events matching a user-set filter over a selected time period;

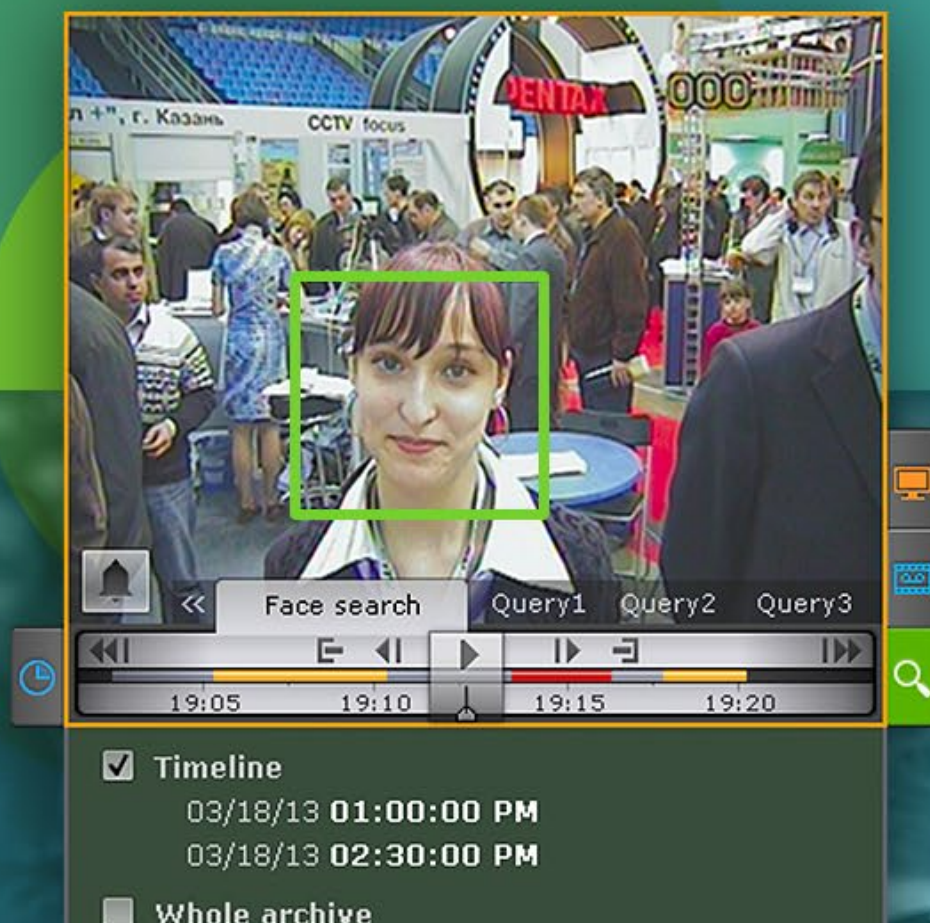3. system events as chosen by user filter settings.

MOTIONMASK ON BOARD PANASONIC CAMERAS

AxxonSoft has gone to great lengths to integrate the video analytic tools found on the cameras of leading world manufacturers, since the company believes that unlocking on-board capabilities is the largest unmet need on the security market today. To this end, Axxon Next 3.6 supports MotionMask-based detection tools found on board Panasonic cameras. This offers a multizone motion detection, which thanks to integration with Axxon Next allows managing alarms in various detection areas without needing to decompress video. Increased efficiency means that several times less CPU power is required.

ON-BOARD FACE DETECTION CAPABILITIES

Also support has been implemented for the on-board face detection capabilities of sixth-generation Sony cameras. Axxon Next accepts coordinates from G6 cameras for faces that are found in a FoV, saving these coordinates when recording video. When a face is captured in the FoV, this is logged by the system as triggering of the facial recognition embedded in the camera. Thanks to this, it is possible to search the archive for face detection events (using events search) and to outline a face during Live Video and Archive modes.

It is now possible TO SELECT WHICH STREAM FROM A CAMERA SHOULD BE USED FOR DETECTION TOOLS. If a detection tool needs only a low-quality stream, switching from a high-resolution, high-fps stream can reduce the load on the server.

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LIVE AUDIO ON CAMERA SPEAKERS

The new version also allows playing live audio on camera speakers. Thanks to full duplex support, operators can listen to camera audio and speak through the camera speaker at the same time. Camera speakers can be used both to notify of alarms (by playing a sound file) and to give voice notifications (by broadcasting the operator's voice in real time). The opportunities for responding to incidents and alarms with this tool are enormous.

Other changes in Axxon Next make the software more manageable and informative. Operators are now warned of interruptions in video recording: if recording of video to the archive on any storage volume is stopped due to hardware error, the user GUI displays a corresponding notification.
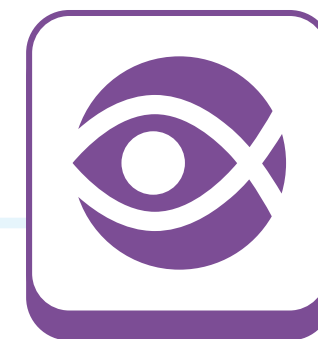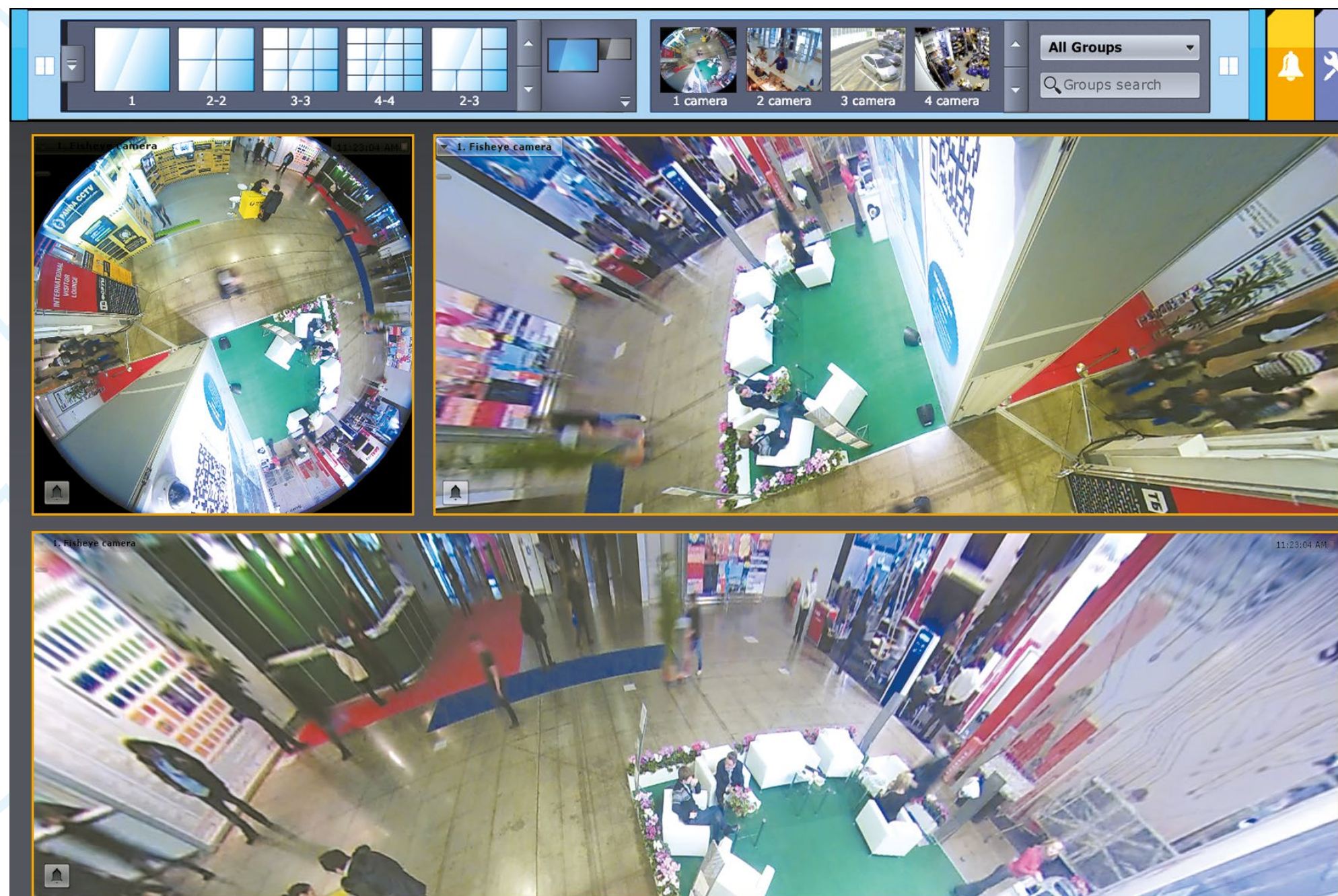
OPENSTREETMAP

Axxon Next has 3.6 integrated support for satellite maps and allows using OpenStreetMap information as site blueprints. The map is downloaded from the Internet during configuration, the user selects the necessary area and scale, and these settings are saved for later use.
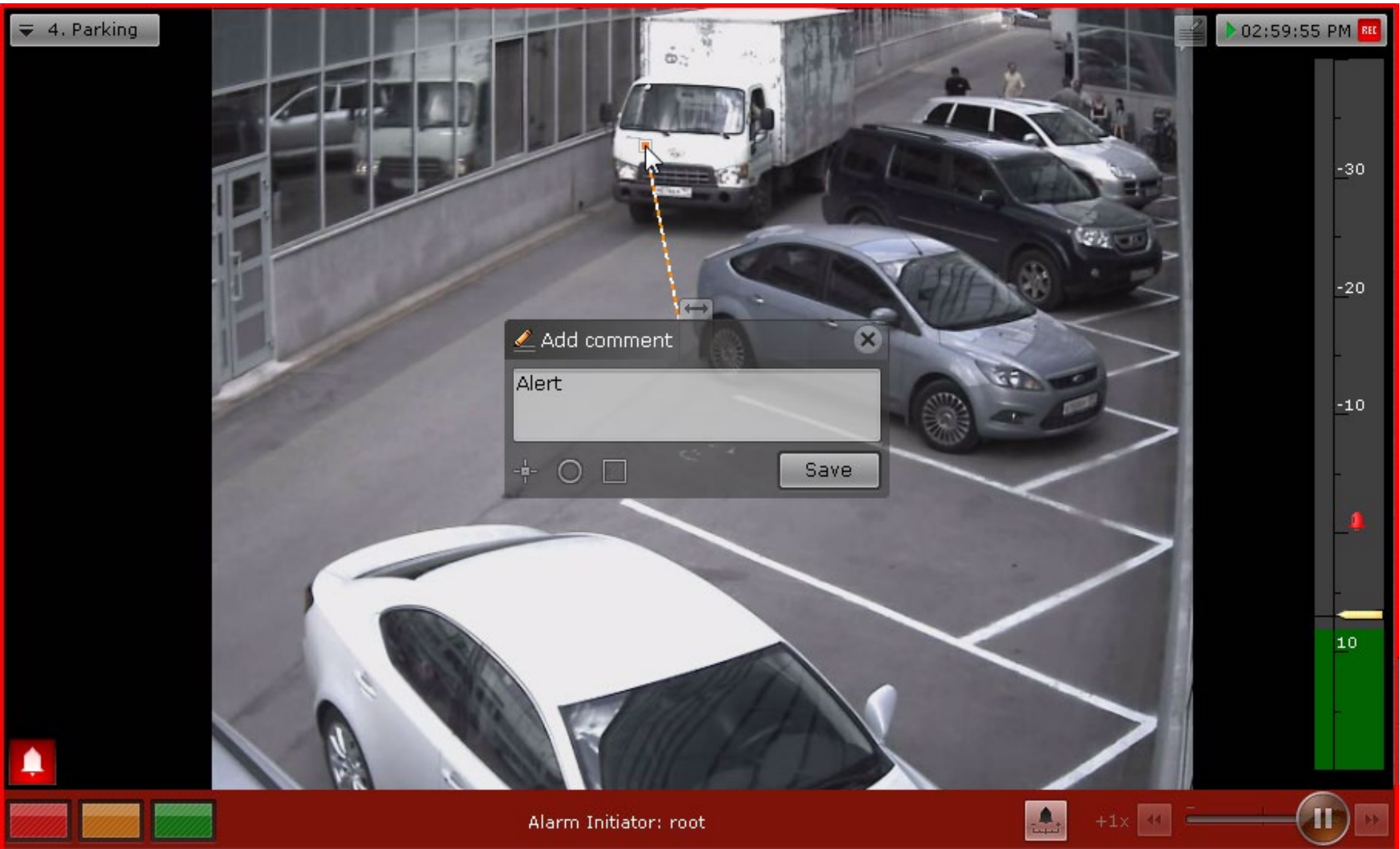
PANORAMIC VIEWS FOR IMMERVISION LENSES

Panoramic views are now supported for cameras that have ImmerVision lenses. The distorted image received from the camera is dewarped (unfolded) into a horizontal 360-degree panorama, of which a portion is displayed in the viewing tile. The video in the viewing tile can be scrolled left and right, in order to view any portion of the panorama.
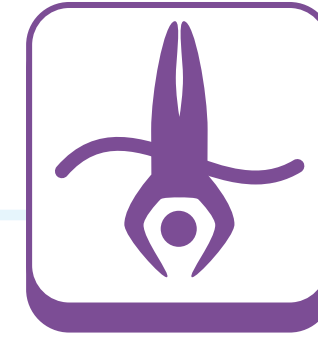
USER COMMENTS

Users can now leave comments for a snapshot, video episodes, or alerts. It is also possible to mark the point or area in the frame that is relevant to the comment. Comments are displayed during archive viewing, in the system log, in tooltips for the comment line in the list of events and for comment icons on the timeline, when searching the archive by comments, and during video playback.
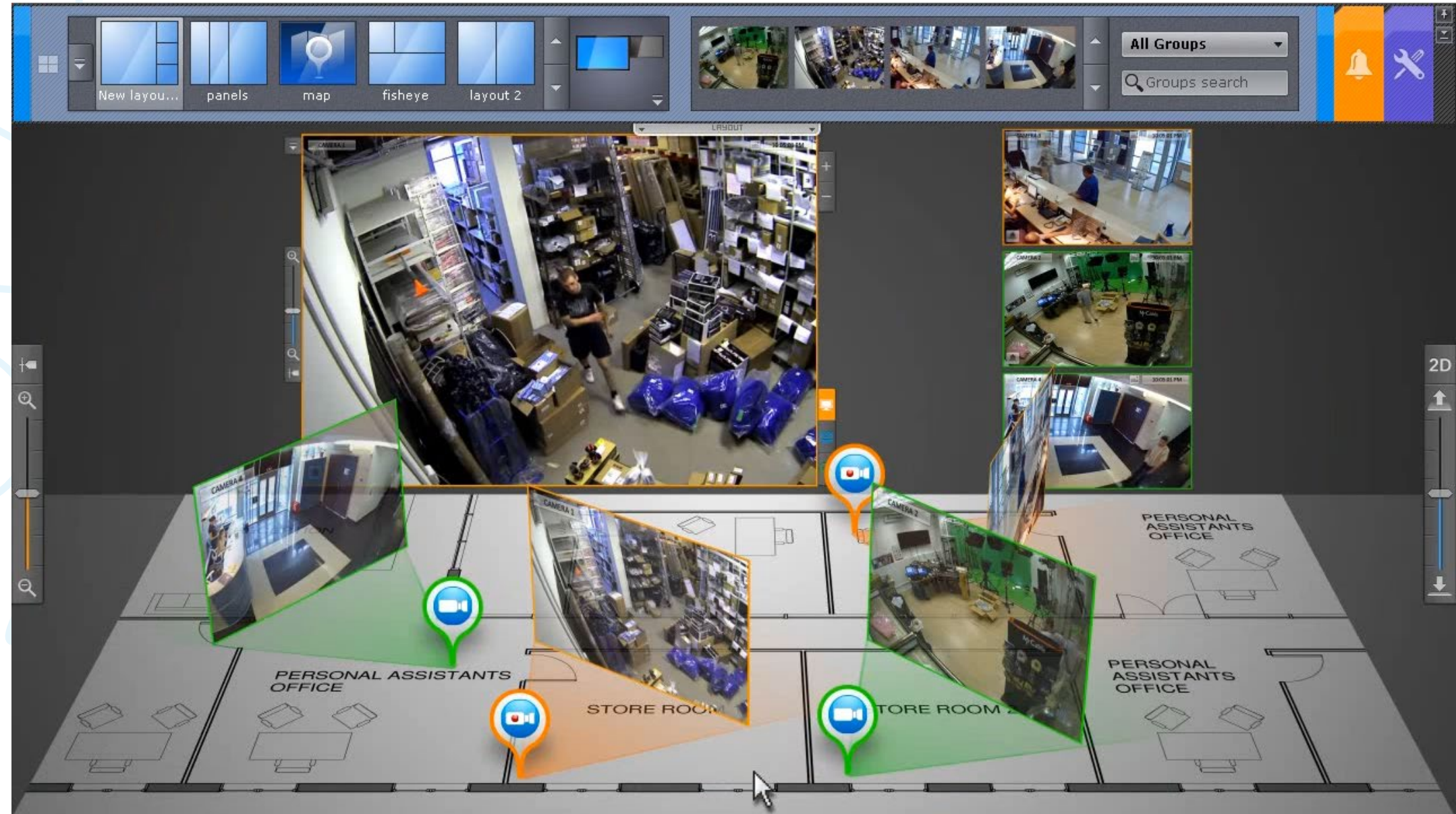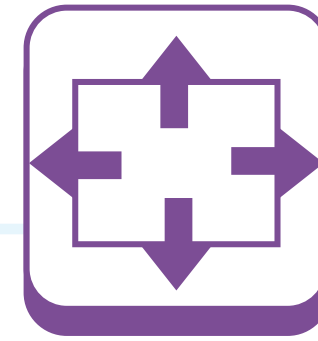
LIVE VIDEO THUMBNAILS

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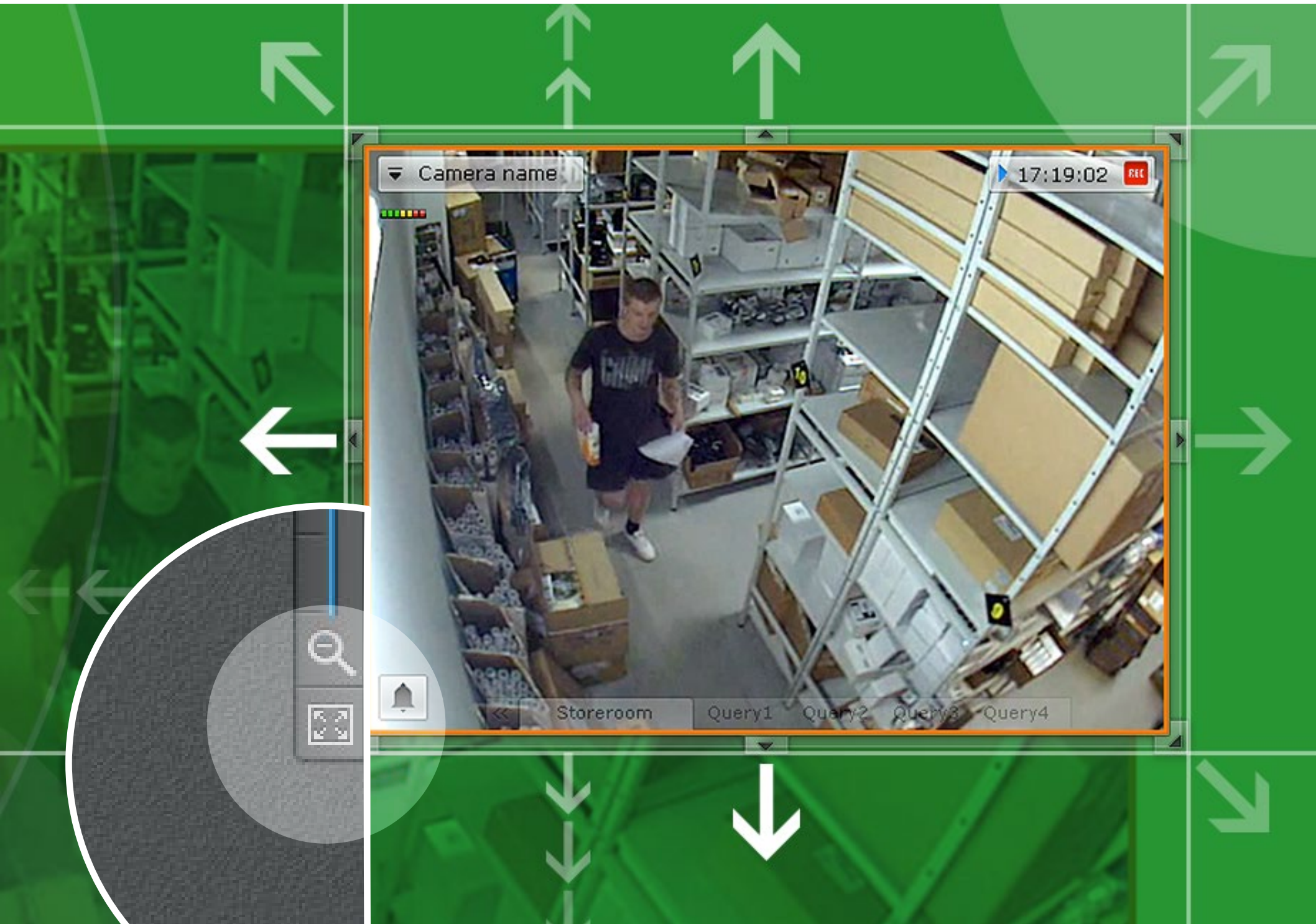
For improved situational awareness, every camera on the map displays a thumbnail of the current video stream from that camera. Live video thumbnails on maps mean that every camera marker on a map displays a thumbnail of the video from that camera, offering even more information at a glance. Video thumbnails are displayed in all map modes: 2D, 3D, and immersion mode.
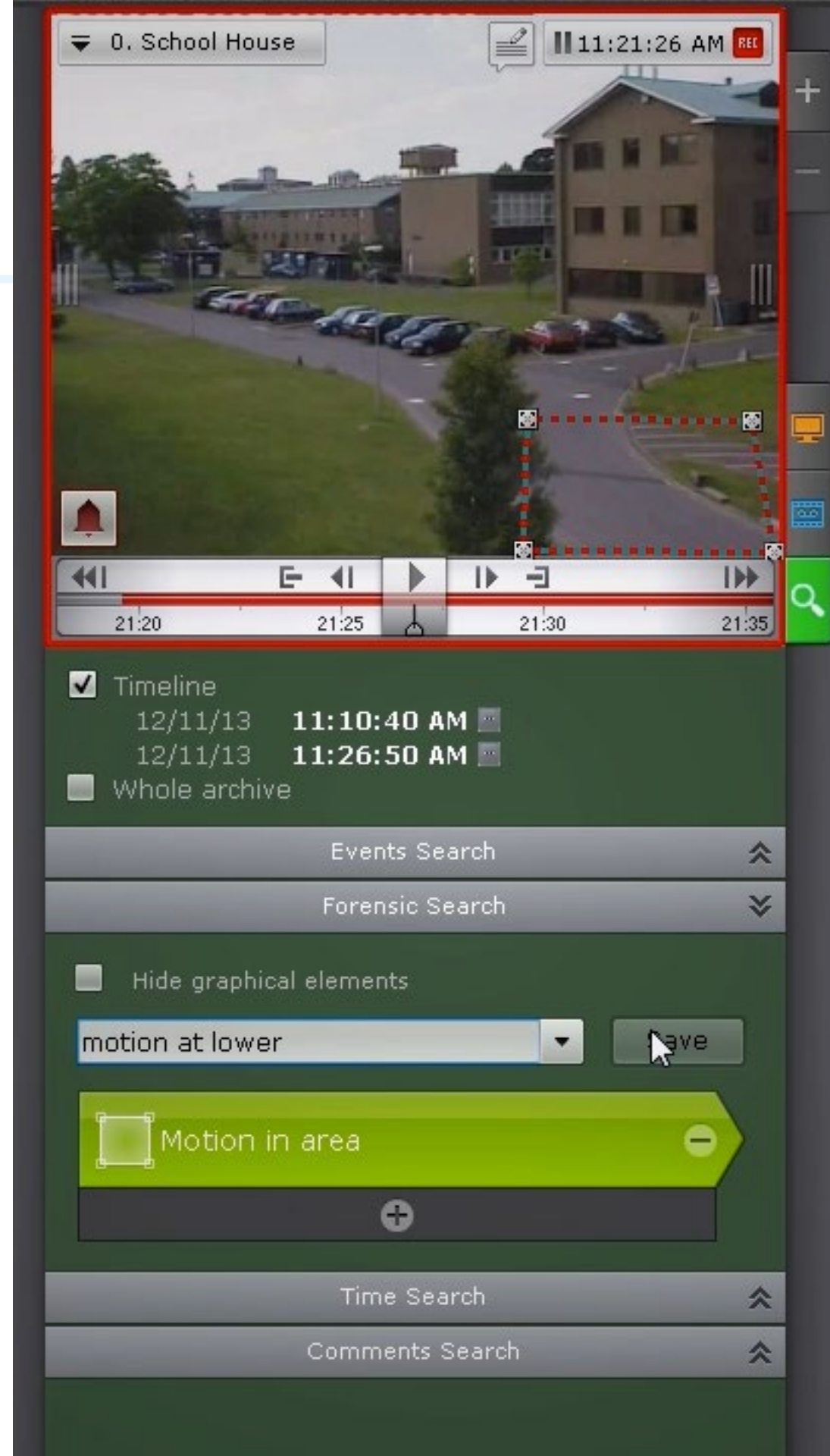
FIT SCREEN FUNCTION

The fit screen function has been added to layout editing mode, offering the ability to completely fill viewing tiles with video by adjusting the digital zoom level for each camera in the layout. If a camera has object tracking enabled and motion is detected in the off-screen area, the camera view is zoomed out so that the area with detected motion becomes visible in the viewing tile.

MOMENTQUEST2 SEARCH QUERIES CAN NOW BE SAVED AND NAMED. Saved queries are shown as tabs in the lower part of the video window. Users can click a tab to view the corresponding search results. By then switching to forensic search mode, users can edit and save the search query.

MomentQuest2 is a set of technologies that generate video metadata right at the moment of recording. The metadata database is the basis for quick and accurate analysis of archives. To find an event of interest later, just enter the necessary criteria: motion in certain areas, crossing of a line, size, color, direction, speed of object motion, and more. In just seconds, MomentQuest2 shows you all video fragments that meet these criteria.

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The release includes Drivers Pack
3.2.24 for support of IP devices.
Detailed information about
the Drivers Pack, where to find
the latest set of drivers, and
the list of supported hardware
is available here

click

For more information
on the new features
in Axxon Next 3.6,
view our Release
Notes

click

Axxon Next can be activated
in free, commercial, or trial
versions. The free version
supports 1 server, 16 video
channels, 1 TB of recorded
video, and an unlimited
number of clients. Download
the application here

click

Click here
for complete
Axxon Next 3.6
documentation