



Security Solution for Secure Life

CMS

Interface & features

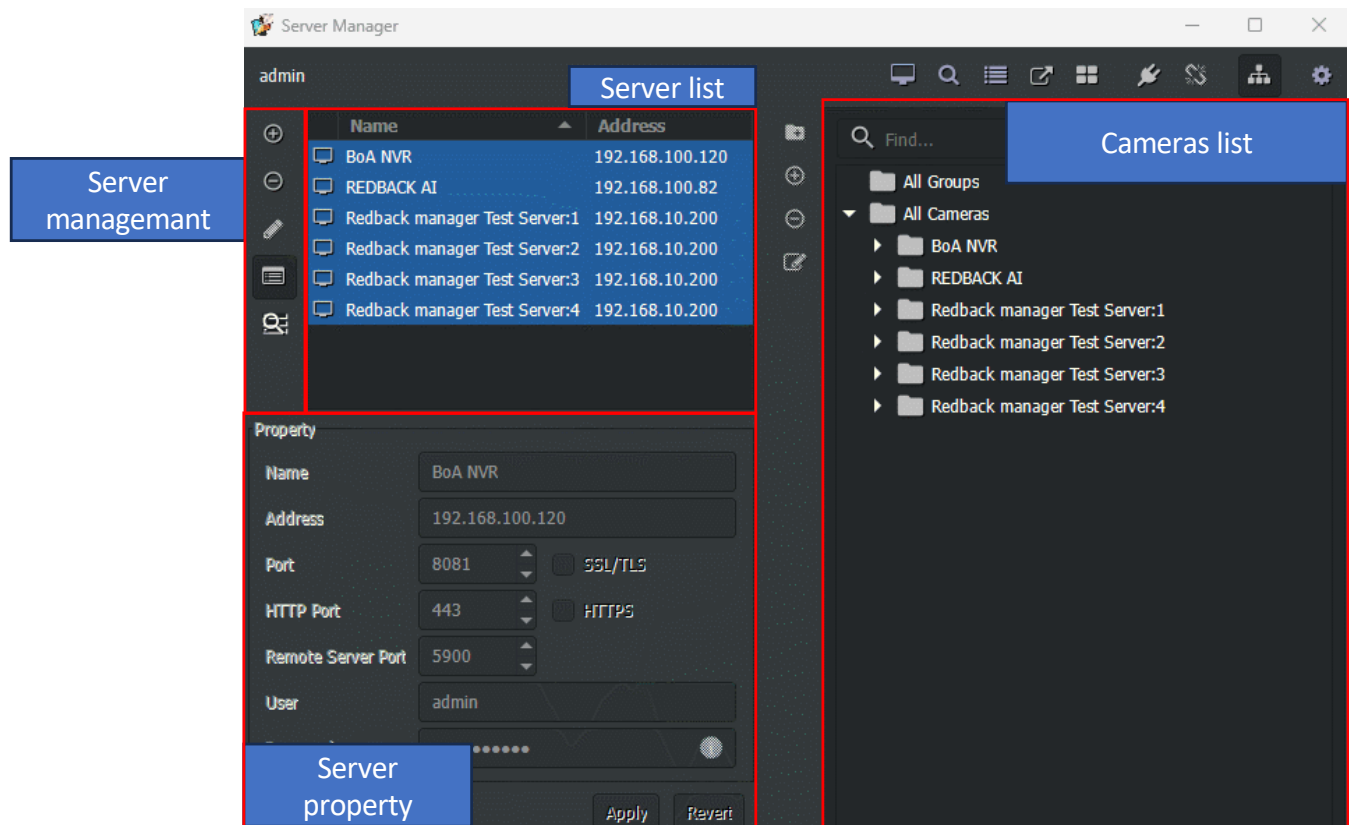
MARCH 2026



Server & camera manager

The Server Manager allows you to register NVR or VMS servers.

Once registered, you can view connected cameras and organize them into groups



Server list

- Displays the list of servers registered to the CMS. A green icon indicates an active connection. Double-click a server to initiate a connection.

Server management

- Add, delete, or modify servers. Use Auto-Scan to find networked SCANSYS PCN servers.

Server property

- Displays the information of the servers registered to the CMS. Users can enter and modify details, including the Name, Address, Port, ID, and Password for each server

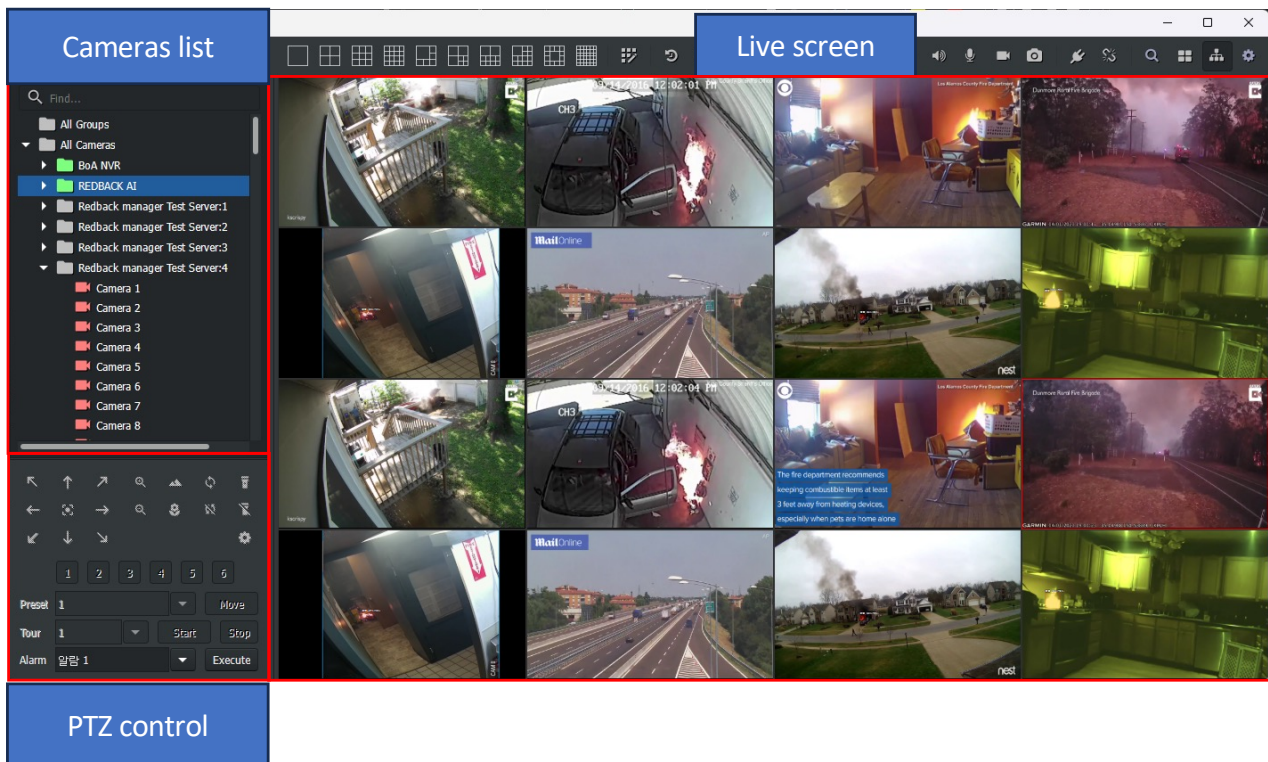
Camara list

- The system displays a list of all cameras connected to the CMS. These cameras are organized by both their assigned groups and their respective servers. Double-clicking a group or server will open a pop-up window showing the live view of the associated cameras

Monitoring

The Server Manager allows you to register NVR or VMS servers.

Once registered, you can view connected cameras and organize them into groups



Camara list

- The system displays a list of all cameras connected to the CMS. These cameras are organized by both their assigned groups and their respective servers.
- You can place the desired cameras onto the Live Screen using the drag-and-drop method

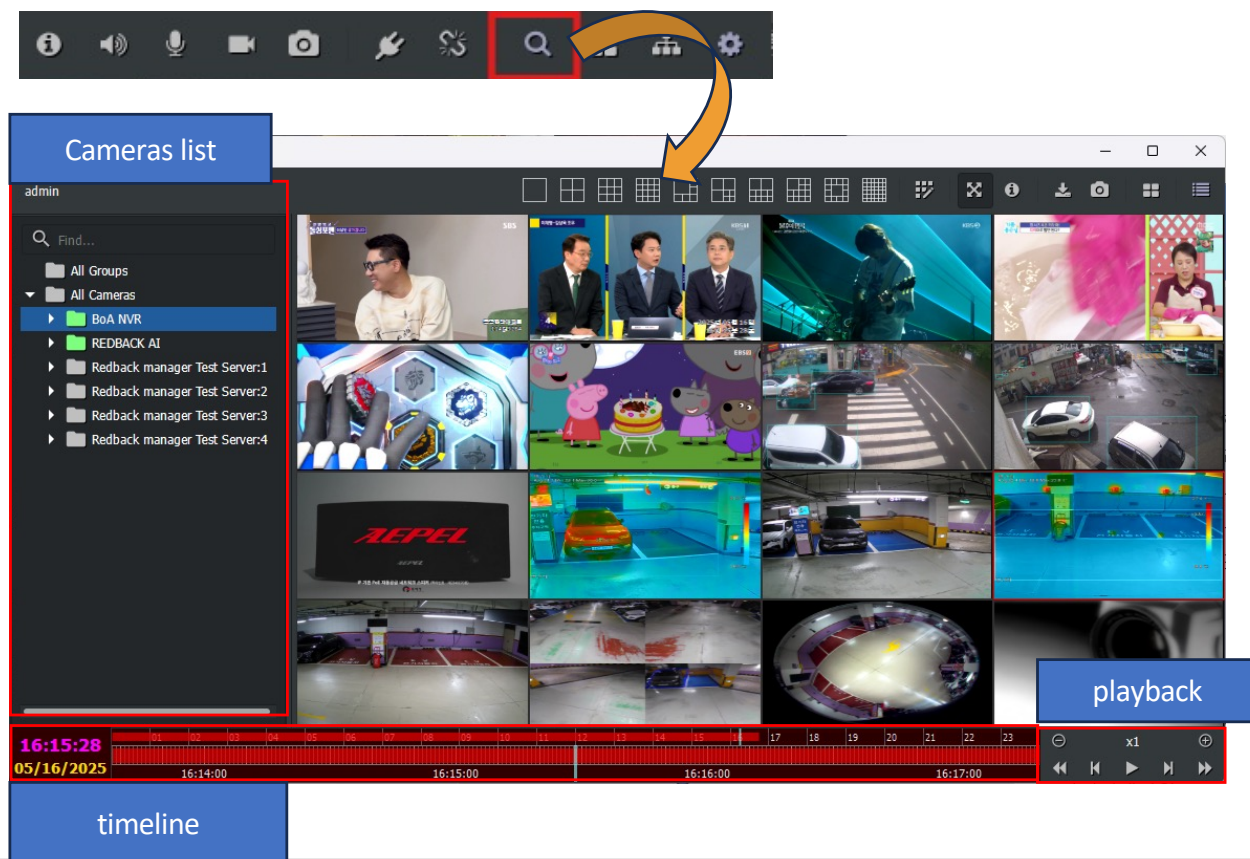
Live screen

- This panel displays the live view feeds of the selected cameras. You can switch to a single-camera view by double-clicking, or change the screen layout by selecting various options from the top layout bar.

PTZ control

- This panel facilitates PTZ control for the currently selected camera channel. It provides a full range of functionality, from basic directional adjustments to advanced Preset, Tour features

The Search function allows users to retrieve recorded video footage from the connected NVR/VMS devices. You can access this feature by clicking the magnifying glass icon located at the top of the view



Camara list

- The operation of this camera list is identical to the one used in the Live View panel
- To search for a specific camera or group simply double-click the desired camera or drag and drop it onto the Search View panel

Timeline

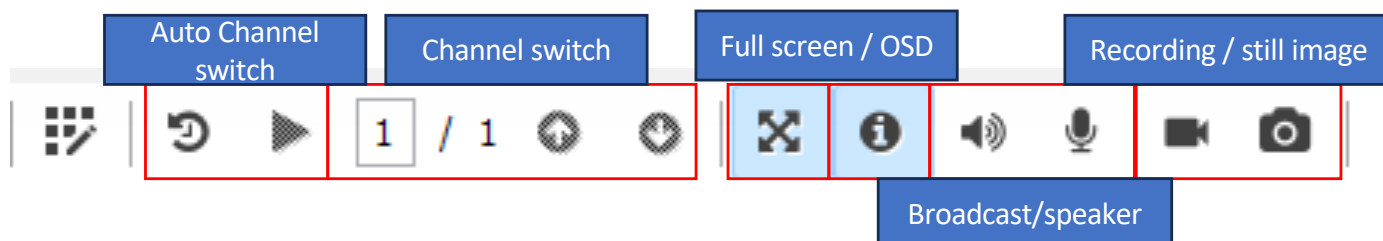
- Timeline for playback control. Use the colored segments to identify and jump to continuous or event-triggered recording data
- The red-filled segments on the timeline indicate the presence of recorded footage Conversely, the yellow bars mark the specific time points where events have occurred
- You can search for footage recorded on different dates by utilizing the date selector located on the left side of the panel

Playback

- The Playback Panel features control buttons for the footage currently being reviewed. It allows for speed control up to 16x in single view and up to 4x in multi-view. Users can also utilize the skip function to jump forward or backward in 10second intervals.

TOP toolbar – 1

The toolbar, located at the top of every panel, contains buttons used for navigating between different panels and accessing functions common to Search, Live View and Server manager



Auto channel switch

- This button allows you to activate and configure the Auto-Switch function, which automatically transitions to the next screen or camera page after a set time interval

Channel switch

- Manual Page Navigation (Next/Previous Page)

Full screen

- This button adjusts the received video feed to fill each grid tile completely (Fit-to-Screen function).

OSD

- This button for the OSD (On-Screen Display) function, which toggles the display of camera information.

Broadcast

- This 'mic' button that enables audio communication, allowing the user to broadcast audio through the camera's attached speaker

Speaker

- a 'Listen' button is provided to receive sound captured by the camera's built-in microphone (Audio Monitoring)

Recording

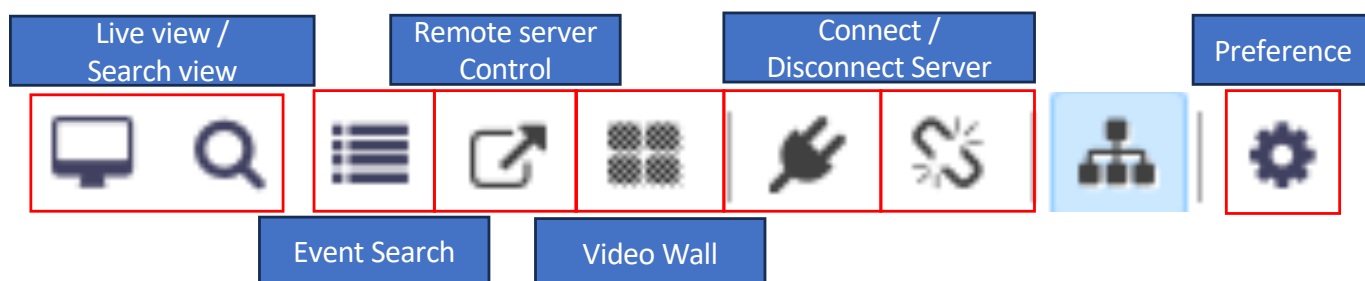
- Records all channels currently displayed in the Live View.
The recorded footage will be saved to the folder designated in the system settings

Still image

- Captures and saves an image of the currently selected Live View channel.
The captured image file will be stored in the folder designated in the system settings

TOP toolbar – 2

The toolbar, located at the top of every panel, contains buttons used for navigating between different panels and accessing functions common to Search, Live View and Server manager



Live view

- This button launches the Live View window displaying the cameras belonging to the selected group or server

Search view

- This button launches the Search View window, which is used for retrieving and reviewing the footage and events from the cameras belonging to the selected group or server

Event Search

- This button launches the Event Search window, allowing users to query and review events associated with the selected camera or server.

Remote server control

- This button launches the Remote Control interface for the selected server. Through remote access, users can modify the server's configuration settings.
- Please note that the server's ID and password are required for authentication."

Video Wall

- This button launches the Video Wall control interface which allows for advanced manipulation of the connected video wall display.
- Operations such as channel layout configuration and text input are available through this interface

Connect server

- This button attempts to establish a connection with the currently selected server

Disconnect server

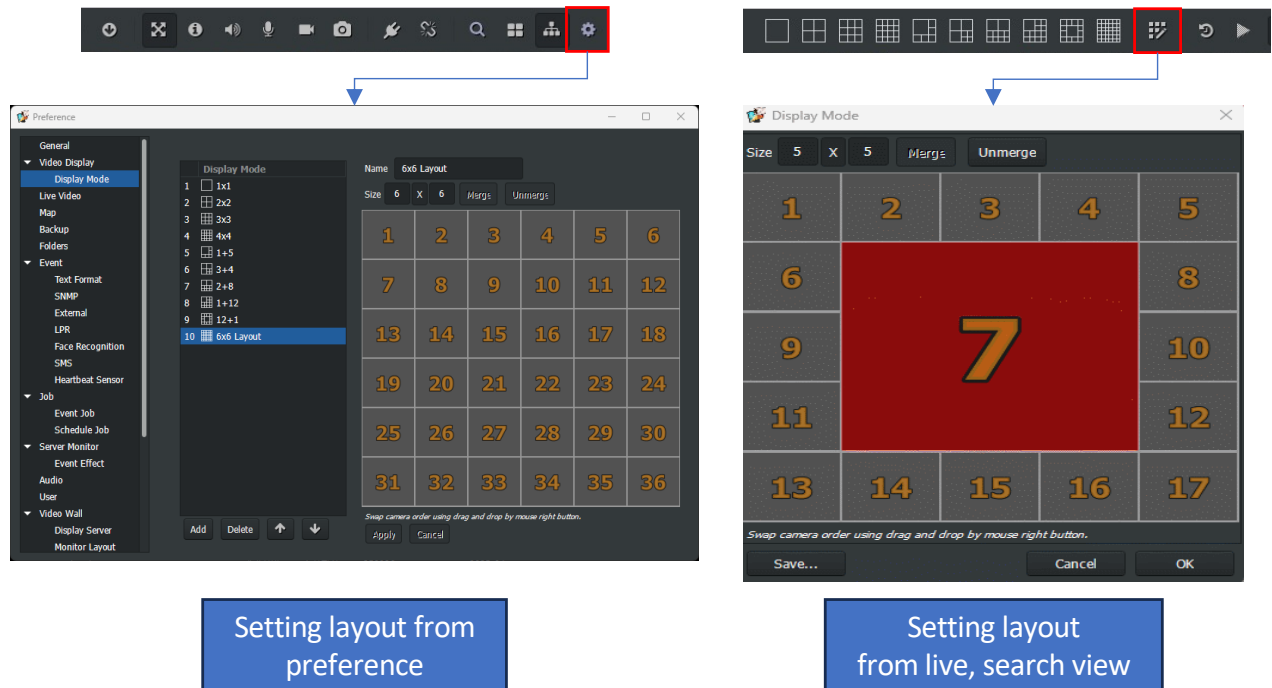
- This button disconnects the selected server. It is mandatory to use this button to disconnect the server before modifying server property

preference

- This button opens the CMS Configuration window, which allows users to manage a variety of settings, including monitoring layouts and events.

Screen layout

The Screen Layout function allows users to configure the channel grid view in both Live View and Search View. Each layout supports the merging and splitting of individual cells, providing users with highly customizable display configurations



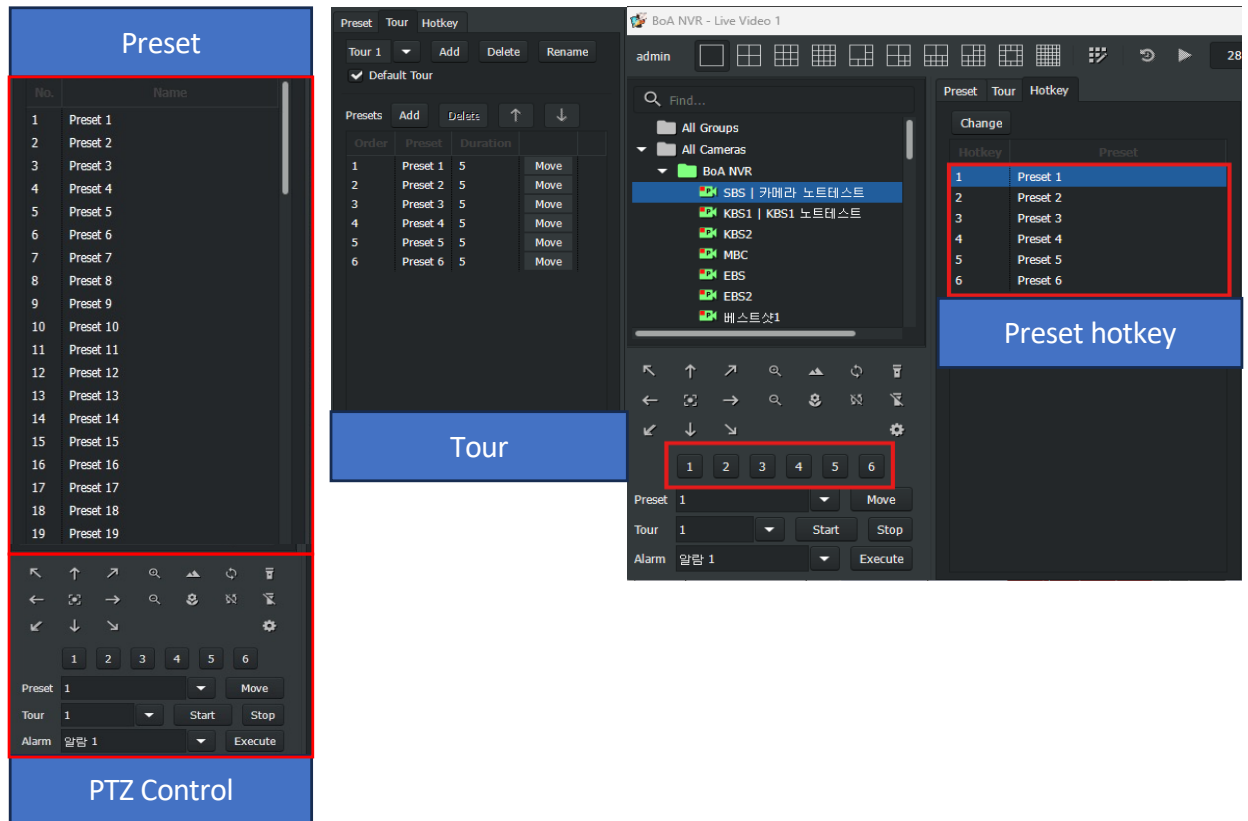
Setting layout from preference

- The Preferences section allows users to view and configure the list of available layouts. Within this section, the channel arrangement for each individual layout can be set

Setting layout from live, search view

- You can configure the layout in either Live View or Search View. After configuration, press the 'OK' button to use it as a temporary layout, or press 'Save' to add it to the layout list for permanent use

The CMS PTZ function enables the control of the connected camera's pan, tilt, and zoom movements. It offers a wide array of capabilities, including basic directional operation and advanced features like Preset Tour



PTZ Control

- This panel contains the most fundamental PTZ control buttons for basic camera manipulation.

Preset

- This function allows you to save the camera's current PTZ position and moves the camera to that saved location. Users can configure multiple preset positions for each individual camera

Tour

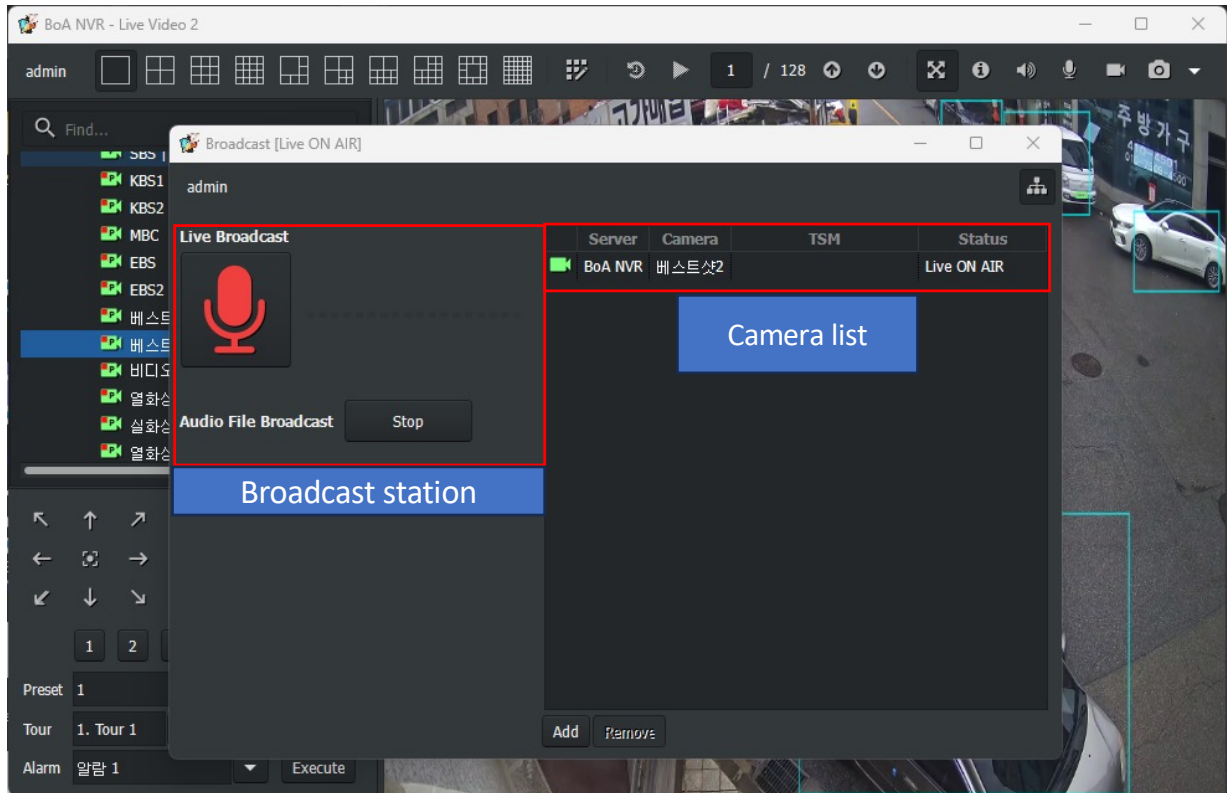
- The Tour function creates interval camera movements by linking presets.
- This function enables continuous surveillance across various angles, moving beyond isolated, momentary camera operations.

Preset hotkey

- Preset movement positions can be pre-saved using the keyboard, with a maximum of six positions available for storage.

Broadcast

The Audio Broadcast function uses a microphone to enable communication with the site via the speaker connected to the camera. It supports general live broadcasting as well as the ability to play pre-recorded audio files



Camera list

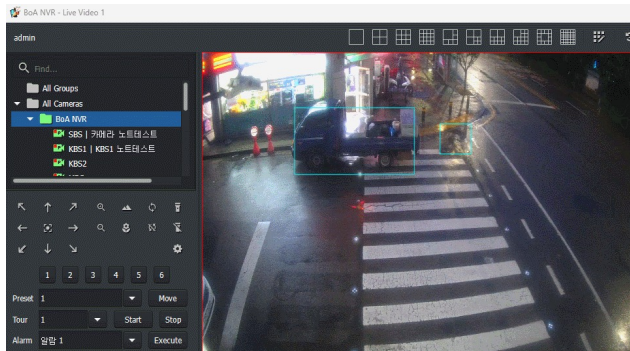
- This panel allows users to register and delete cameras connected to the CMS that are designated for the audio broadcast function. Furthermore, the user can configure the activation status (enable/disable) of the broadcast feature for each individual camera.

Broadcast station

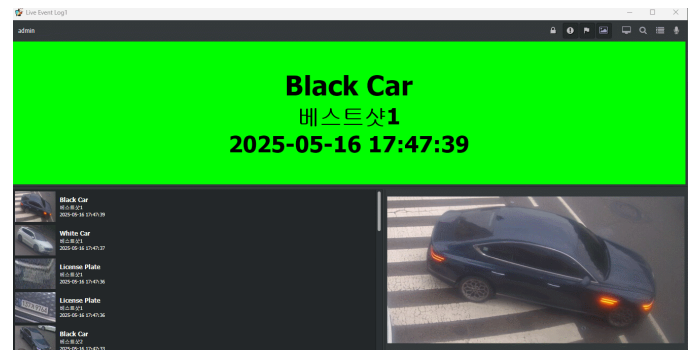
- This panel displays the status of the microphone used for audio broadcast and provides controls for the playback of audio files.

Smart monitoring

The CMS receives and shares event notifications and AI analytics results transmitted from the cameras. These results can be displayed directly on the Live View window via an overlay



Event overlay
on live view



Live Event log view

Event overlay on live view

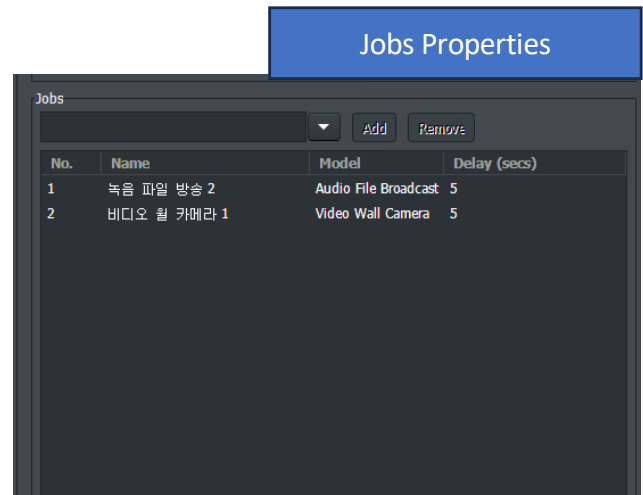
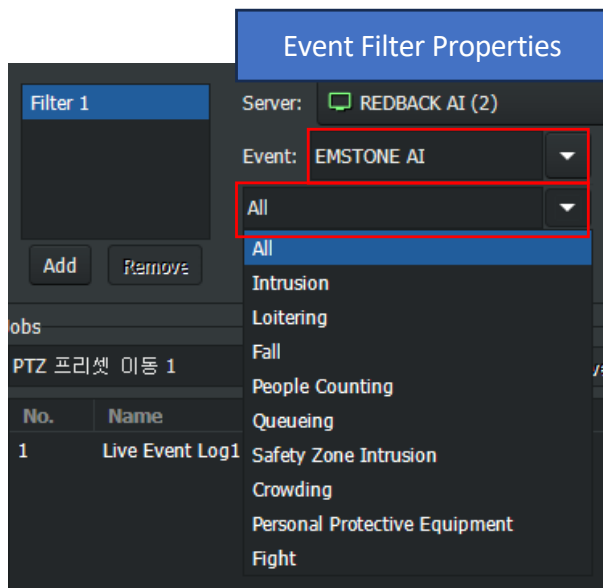
- Event overlays transmitted from the camera or server are displayed using an SVG style. The system automatically visualizes these events without any separate configuration simply connect cameras that support the event function

Live Event log view

- The CMS provides a Live Event View that displays real-time still shots of cameras where events have occurred during Live Monitoring. This allows operators to filter and review only the generated events, ensuring focused and timely surveillance

Event filters & Jobs

The Event function receives events transmitted from cameras to automate operations within the CMS. This enables integration with third-party devices, allowing for a variety of automated configurations based on these linked systems



Event Filter Properties

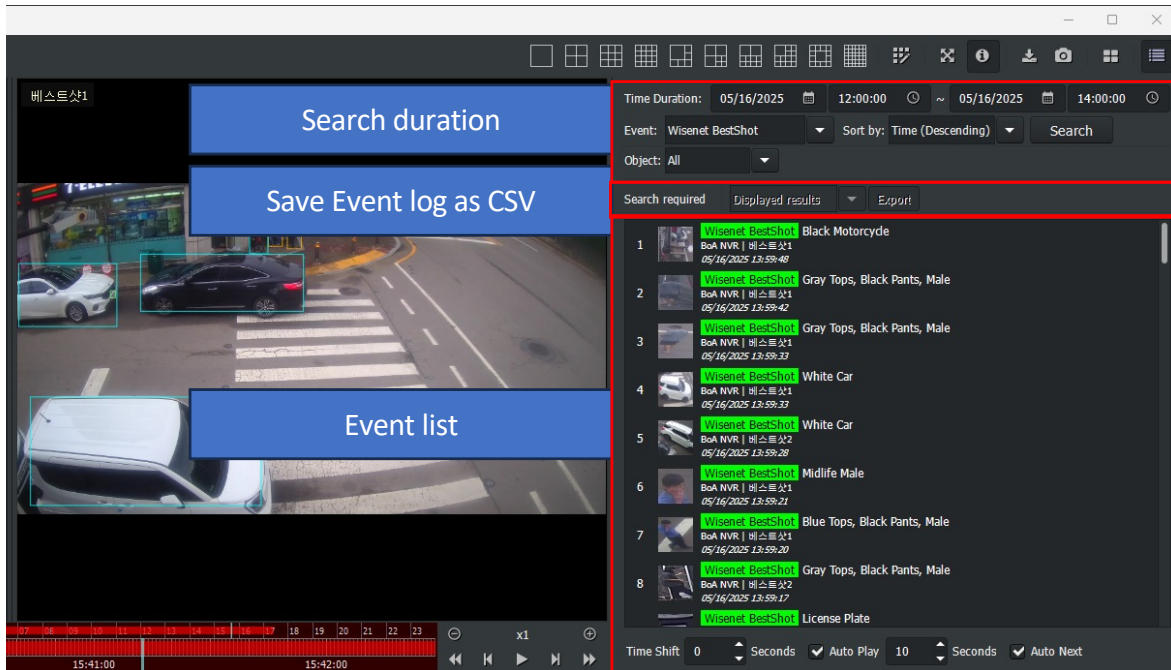
- This section allows the configuration of events to be received from the integrated servers. Each event is categorized hierarchically, possessing both a major classification and a minor classification.

Jobs

- This section allows the configuration of actions that the CMS will perform when a filtered event occurs. Each action can be added, deleted, or modified within the **Preferences** menu, and detailed parameters, such as the number of action repetitions, can be adjusted

Event search

Event Search is a retrieval function available within the Search View that utilizes an event list. Through this feature, users can review the list of triggered events and verify the associated recorded footage from the time the event occurred



Search setting

- Users can configure the time range and the specific type of event for the search query.

Save Event log as CSV

- This panel allows you to export the retrieved event logs and save them in CSV format

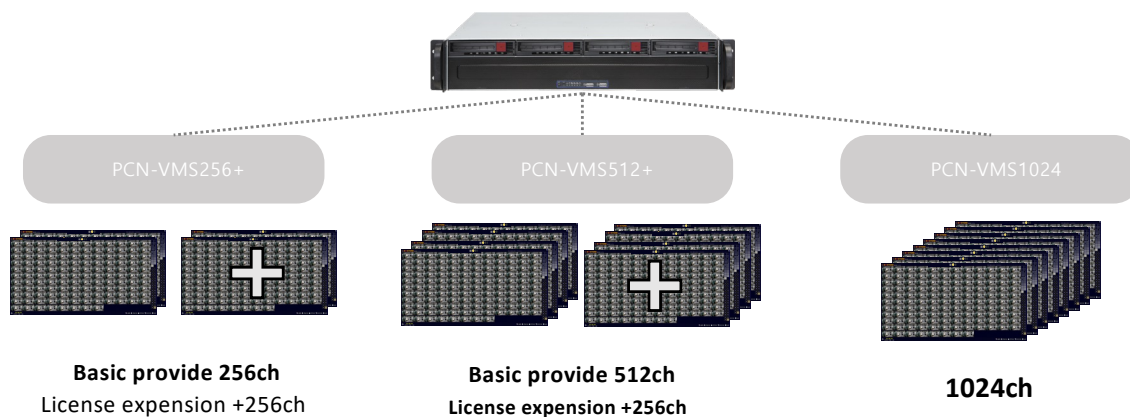
Event list

- This panel displays the list of retrieved event logs. Double-clicking any event automatically navigates the timeline to the exact time and camera channel where the event occurred

VMS Series product line-up

VMS Series is as shown below,

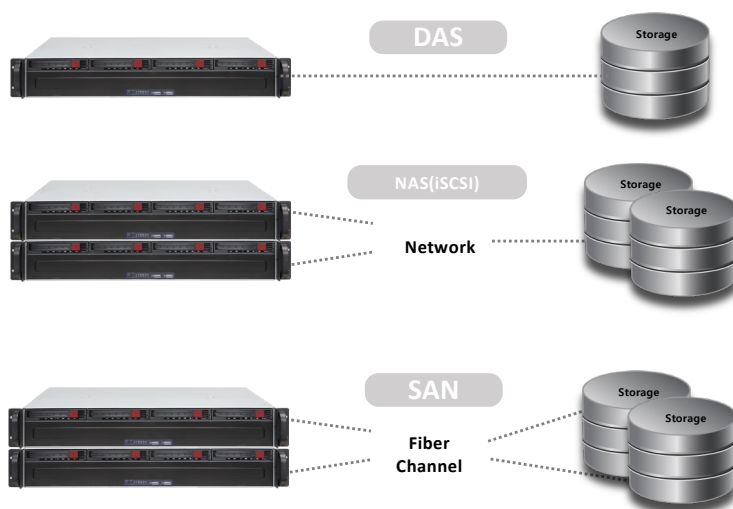
Divided into two types 256+/512+ channel expansion type and 1024 channel fixed type.



Integration with various types of storage products

VMS can install a hard disk in the hot-swap bay to store event data.

and video data can store on various storage methods including DAS, SAN, and NAS (iSCSI).



Compatibility with various 3rd Party products

GIS, Intelligence server, etc...

A standard HTTP API is offered for integration with various kinds of 3rd party devices, enabling the use of video and VMS integration without restricting API access licenses.

