



Live View video  
Playback



Centralized  
Management



Remote Setting

# Centralized Management

Core of Your Security Solution [GV-Control Center / Enterprise](#)

GV-Control Center + GV-Enterprise simplifies remote management for large, power users with multi-site facilities, giving admins highest configure privilege to manage high-volume video data.



Smart  
Face Search



AI Event  
Query



Live Mobile  
Streaming



Access Control



AES  
Encryption



Two-Way  
Audio



Web Portal



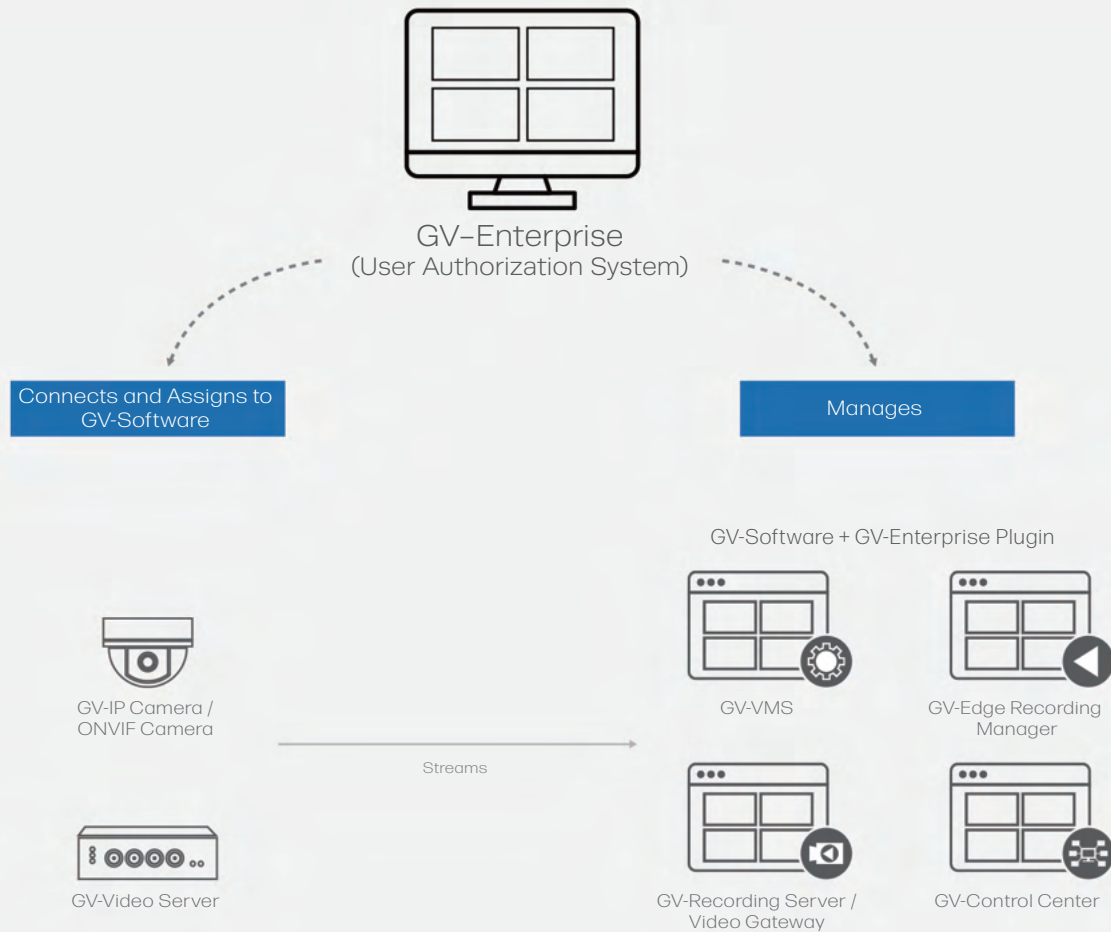
3D-Emap  
Tracking



# GV-Control Center Overview

- Face Management
- Face Search
- AI Event Management
- I/O Panel Integration
- Access Control Integration
- Support SIP Device
- Support GV-Enterprise
- Support PTZ Controls
- Support Remote Desktop
- Live Streaming from GV-Decoder Box for Video Display
- Video Wall Display
- VMD Event Popup Display
- Timeline Playback
- Instant Playback
- Event Bookmark Playback
- Storyline Playback
- Live Mobile Streaming
- 3D-Emap
- Enhanced System Log
- Audio Broadcasting
- Two-Way Audio
- AES/RSA encryption

# GV-Enterprise Overview



- Manual firmware upgrades
- Auto or scheduled remote software batch updates
- GV-VMS/GV-Control Center/ GV-Recording Server integration
- Manage accounts for GV-VMS, GV-Recording Server/Video Gateway / Control Center, and GV-Edge Recording Manager all from single location
- Web portal access for live view / playback
- Remote host configuration
- Active Directory integration

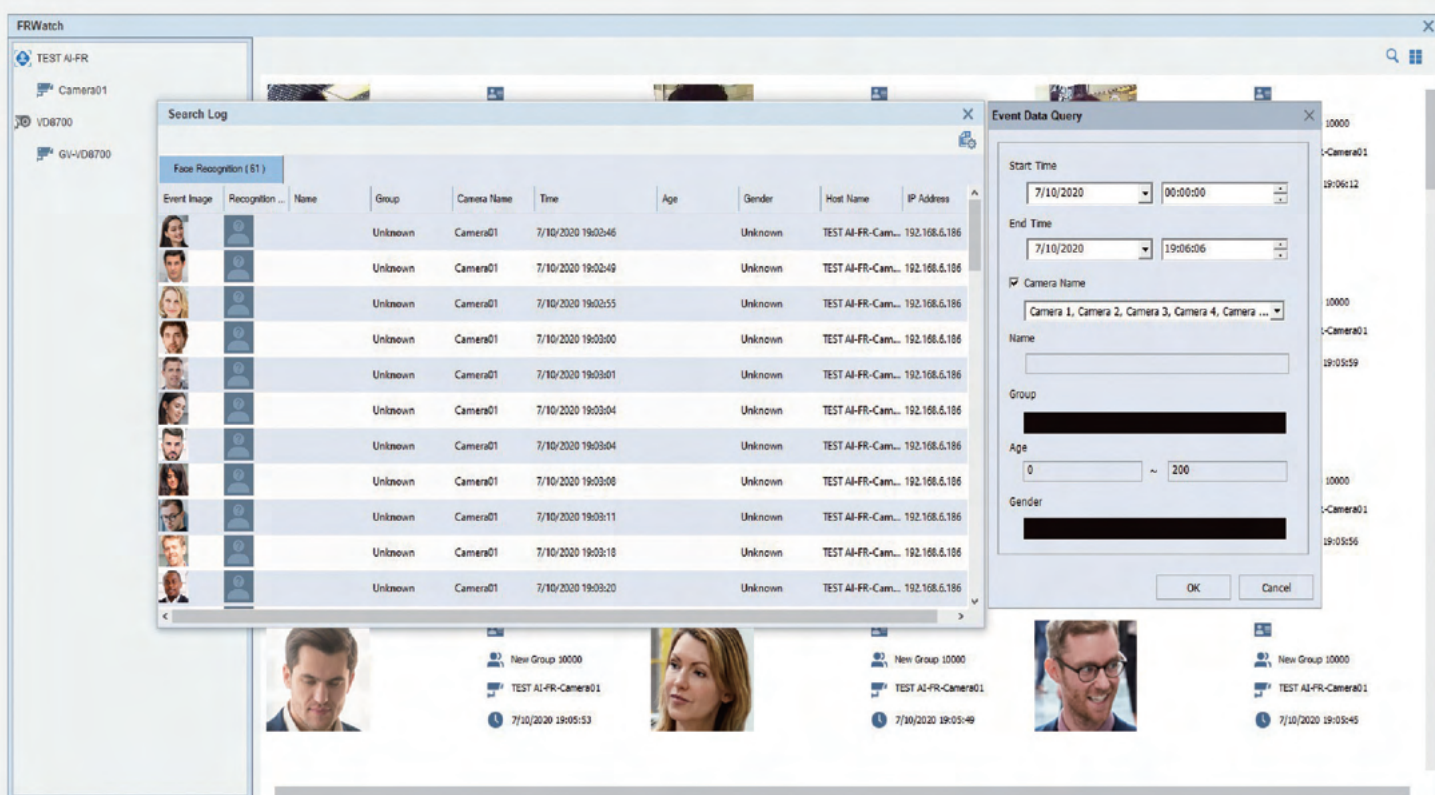
## GV-Control Center

# Centralized Management

GeoVision's Control Center is tailored to meet the needs of large, enterprise system users. This innovative platform combines multiple applications into one, allowing for a more efficient use of manpower and budget while simultaneously improving surveillance capabilities.

## Face Management

It is a face database manager an large organization could use to manage employees and visitors of multiple sites, from a single point.

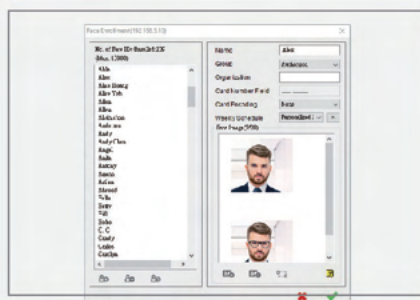


### FaceWatch



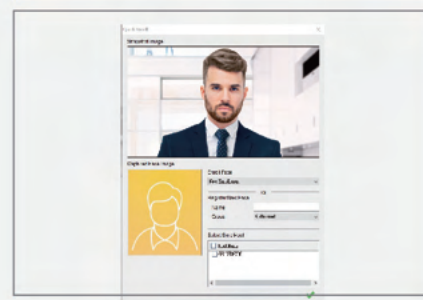
Face thumbnail in real-time

### Face Enrollment



Face enrollment in batches

### Face Quick Enroll



Snapshot for quick on-site face enroll

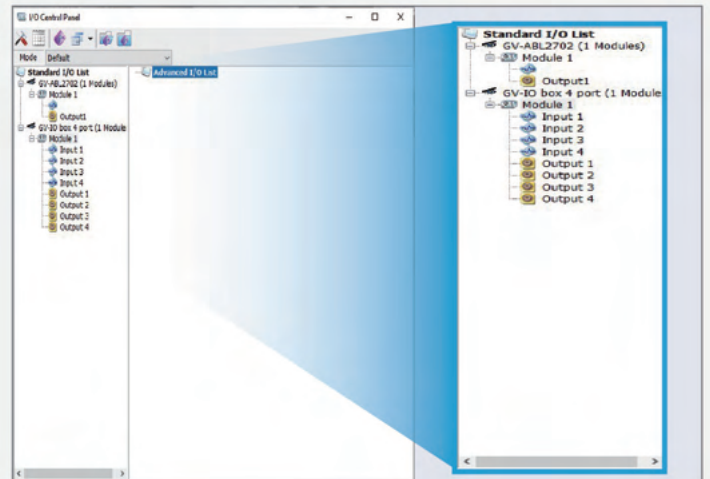
# AI Event Management

With the AI Watch, the operator can monitor AI events from GV-VMS host and UA-IP cameras with AI functions on UA-SNVR host, as well as searching for event logs of the host.



# I/O Central Panel

Manage I/O from multiple sites from a single point



# Access Control

Control Center can also manage multiple GeoVision access control systems that are connected to Control Center.



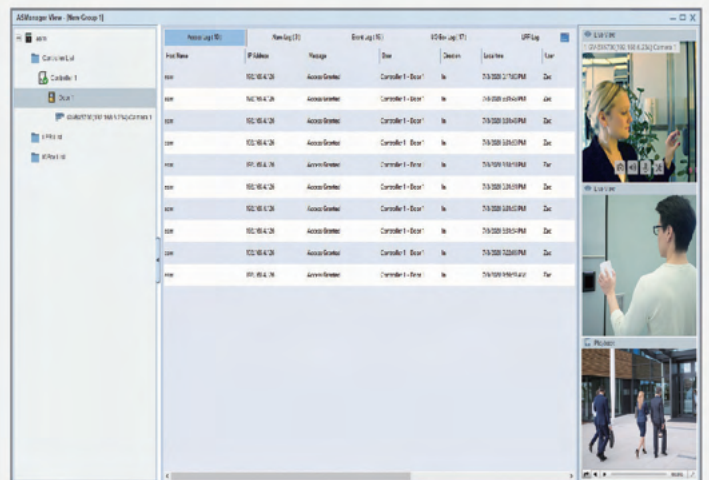
Video



LockDown Door

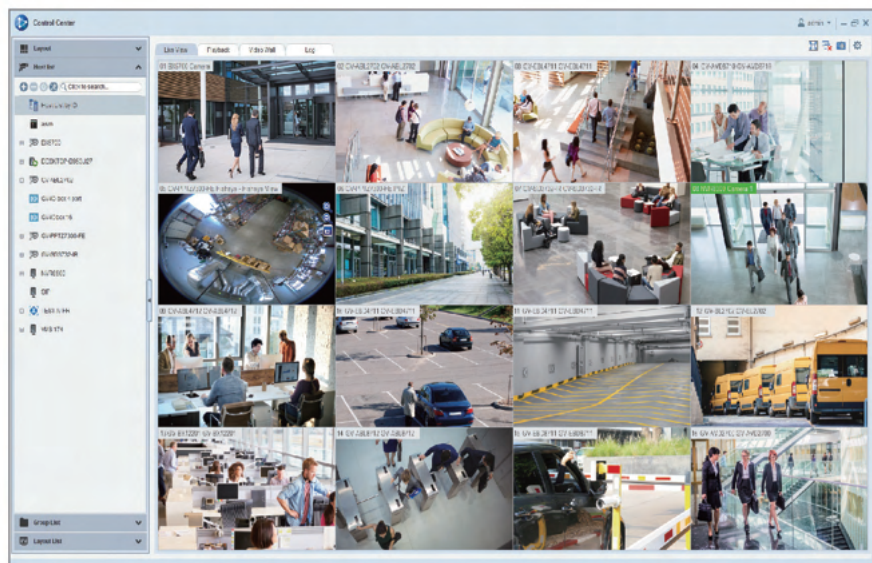


Access Log



# Live View video

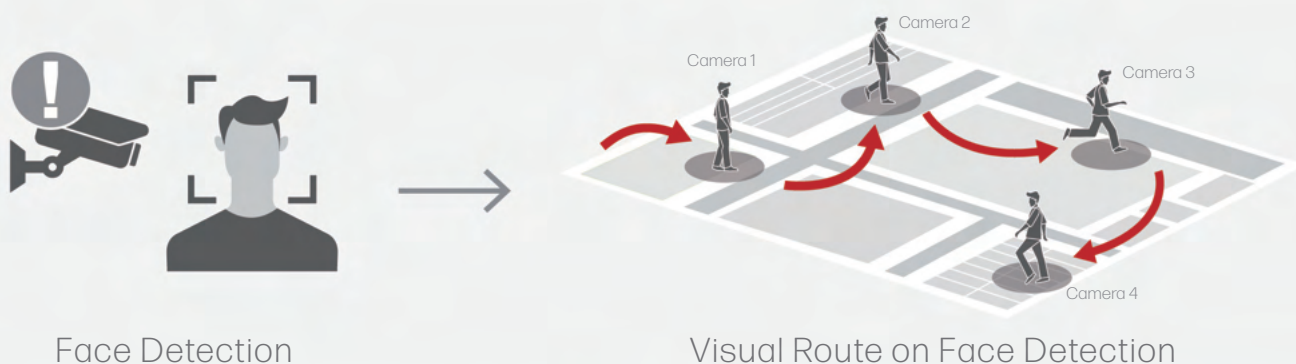
Different live view modes. Different ways to view and track.



Events can be overwhelming, which is why we offer multiple live video modes. Find the live view mode that best serves your needs.

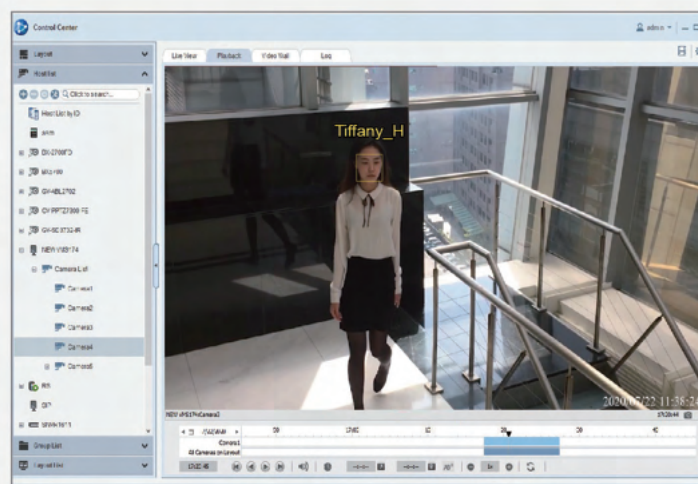
## 3D-Emap integration

Pull in VMS actions (with some exceptions) into a centralized visual view and reduce your response time by using 3D-Emap.



Face Detection

Visual Route on Face Detection



Face identified. Tracking starts. (Must use a GV FR camera)



Tracks from cameras to cameras. Immersive experience

## Video Wall (Optional)

With the Video Wall, you can display composite IP sources from various IP devices on a single server, which allows for easy viewing. With the Control Center, you can remotely configure and manage up to 200 video walls, each with a different layout.



## Integration of the GV-IP Decoder Box Optimal Solution

Make monitoring easier with the GV-IP Decoder Box Optimal Solution. Connect it to your GV-Control Center to easily choose and show your camera views. It's simple and effective for keeping an eye on things remotely.

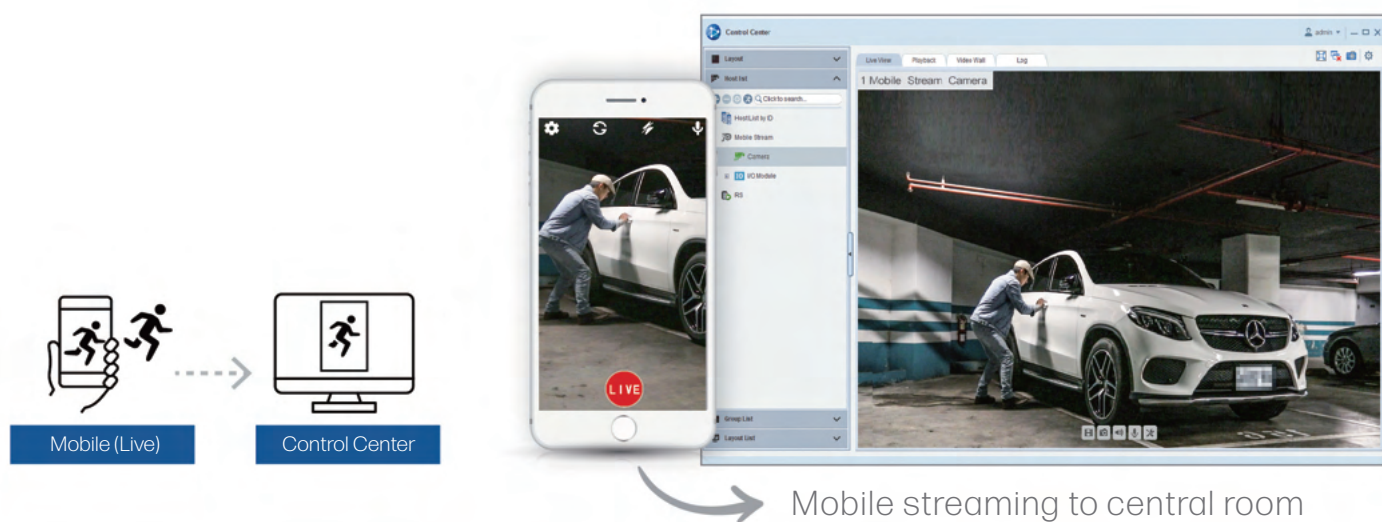
The diagram illustrates the integration of the GV-IP Decoder Box. It shows a control interface with a grid of camera view thumbnails. A toolbar above the grid includes icons for window management: a square with an arrow pointing out (Extend to 2nd Screen), a square with an arrow pointing in (Full Screen), a speaker with a red 'X' (Volume Level), and a square with a '0' (Video Rotate). Below the toolbar, four circular icons are shown: a square with an arrow pointing out (Extend to 2nd Screen), a square with an arrow pointing in (Full Screen), a speaker with a red 'X' (Volume Level), and a square with a '0' (Video Rotate). An arrow points from the control interface to a monitor displaying a 2x2 grid of live camera feeds, labeled 'Display your views'. The control interface is labeled 'Group your views'.

# Notification

Different ways to get alerts about activities and security risks.  
Respond faster, take action.

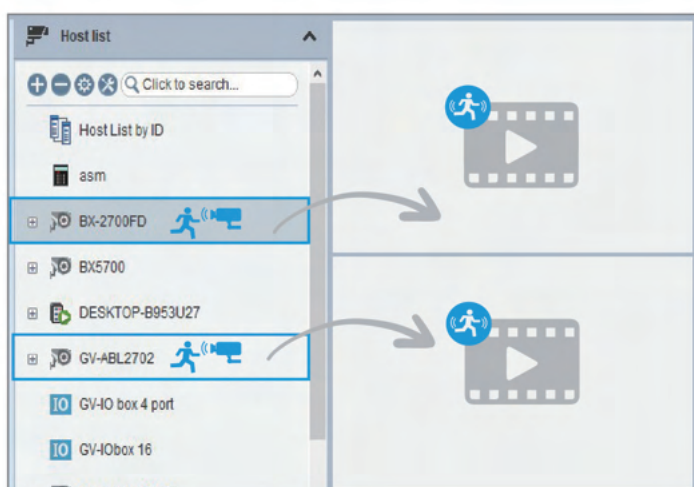
## GV-Live Streaming

GV-Live Streaming captures real-time video from your mobile phone and sends it to Control Center. This helps report and archive threats and suspicious in corners where there is no surveillance camera coverage. The app allows fast transmission of the video under WI-FI or LTS networks for instant reporting with no delays.



## VMD Monitoring

With the VMD (Video Motion Detection) function, the operator can be alerted with a pop-up display of live videos when any of the following events occur: Motion, Temperature Alarm, Input Trigger, Crowd Detection, Advanced Unattended Object Objection, Advanced Scene Change Detection and Advanced Missing Object Detection.



Pop-up display from different servers to control room



Visual alerts to allow immediate attention

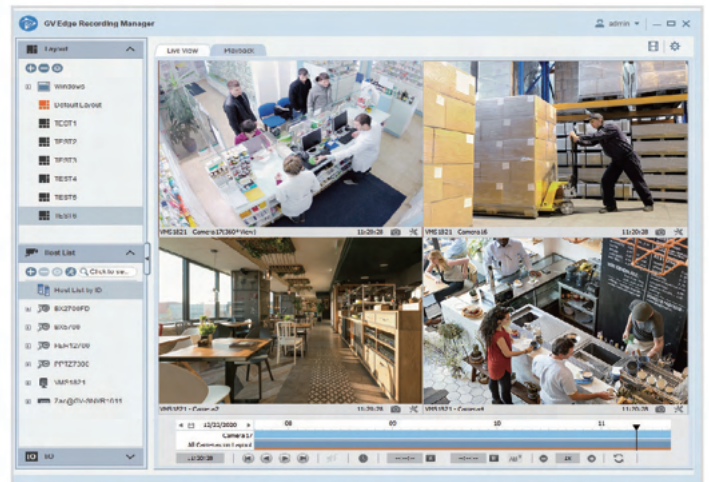


# Playback

Find the incident you want faster, understand the context better.

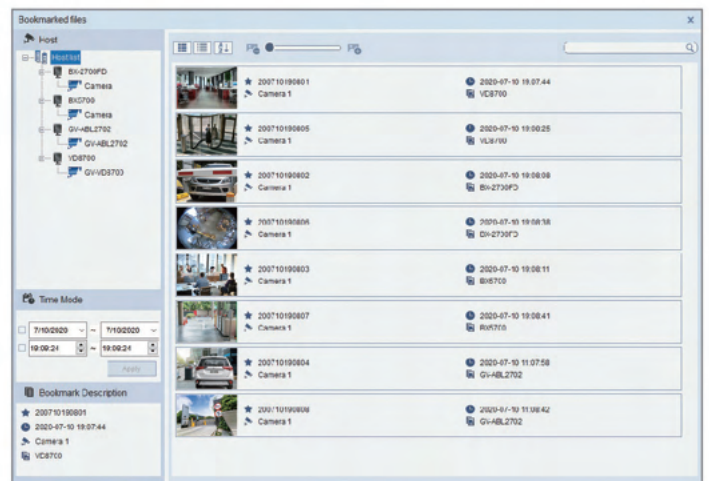
## Powerful Playback

- Timeline playback
- Fisheye dewarp and playback
- Frame-based playback to save bandwidth
- Secured export
- Tag incidents
- Evidence to print with notes
- Lock specific video segments



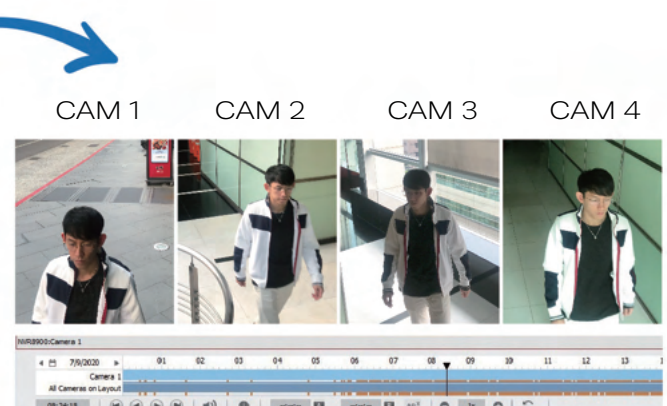
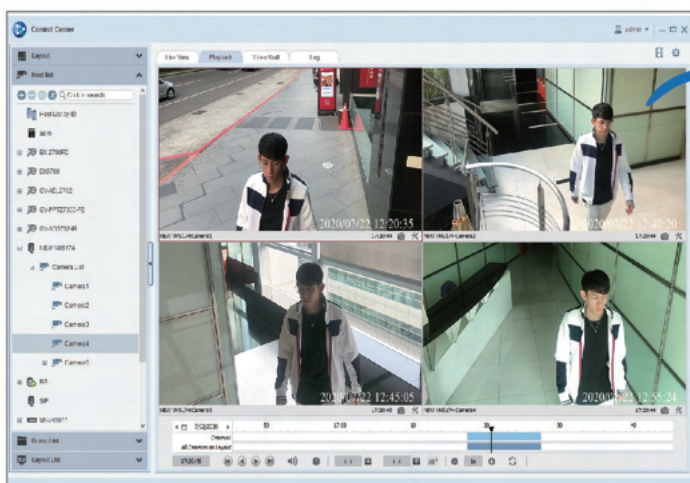
## Bookmark

Bookmark a specific video for later viewing which allows for better case management and sorting.



## Storyline

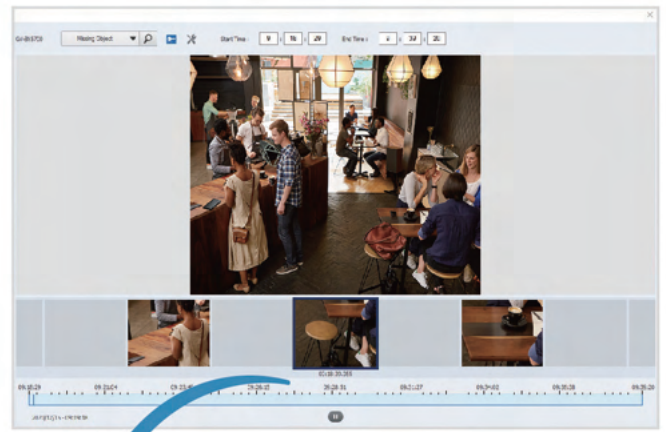
Different cameras covering event allows for tracking people across camera and buildings. You can combine into a single global view.



# Video Content Search

Pinpoint event of interest with after-the-fact (VCA) video content analysis.

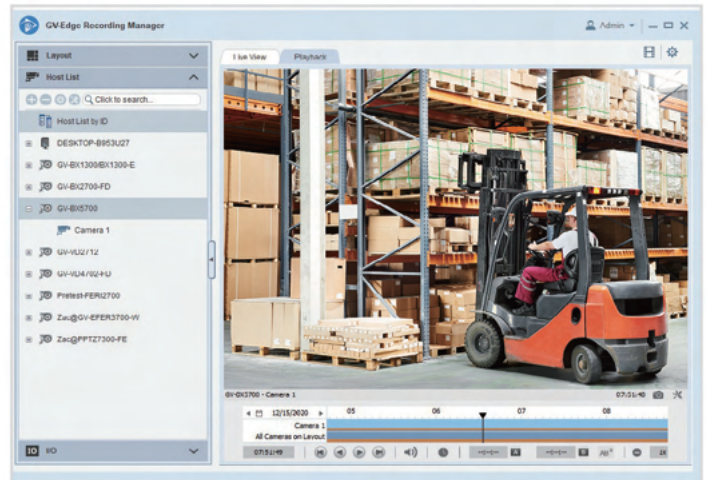
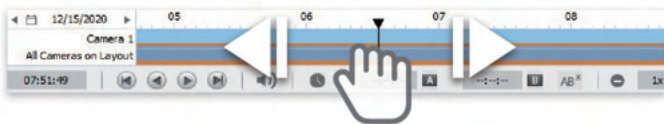
- Missing and unattended object search
- Counting function in playback



Missing and unattended object search

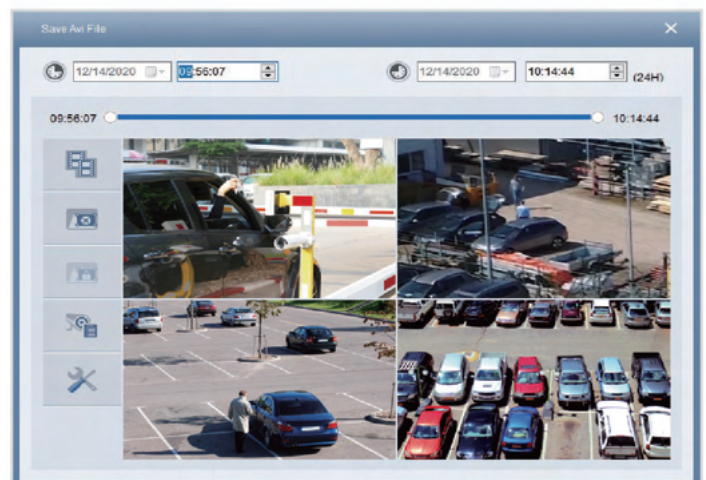
# Playback at Desired Speed

Tap and drag left and right to scroll through a video. It navigates the entire video and quickly help to find the video you are looking for.



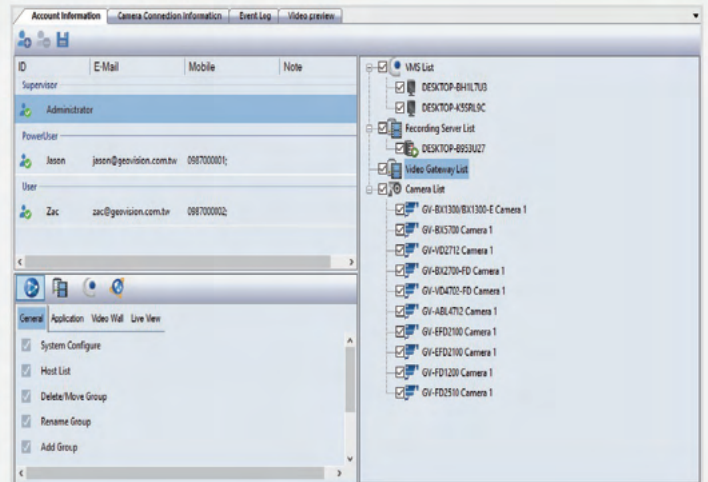
# Video Exporting

Export portable AVI files or EXE with password protection. Combine multiple channels as a single exe file.



## User Rights Assignment

System admin can assign specific rights to groups or individual user accounts, to perform various system tasks.



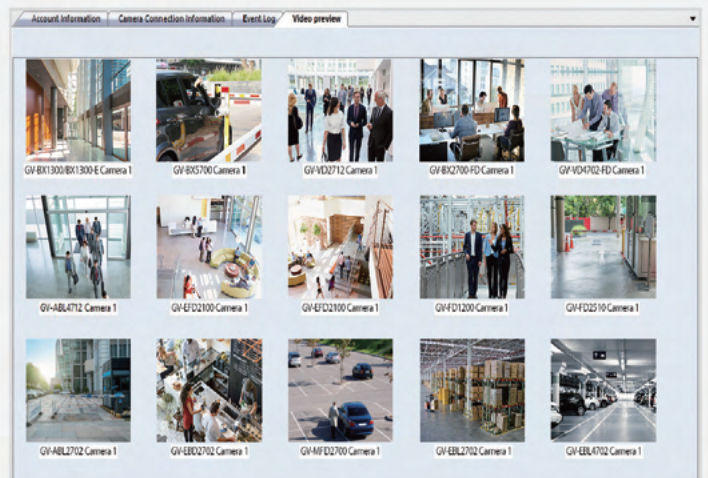
## Centralized Log Management

Collect log data about user behavior and security information across servers and cameras.

Event	User	Event Description	Message Time
Login	Administrator	System Login	2020/12/21 18:06:52
User Account	Administrator	Add Administrator Jason	2020/12/21 18:07:06
User Account	Administrator	Add Administrator Zac	2020/12/21 18:07:16
Exit	Administrator	Exit System	2020/12/22 09:58:13
Login	Administrator	System Login	2020/12/22 09:58:27
Exit	Administrator	Exit System	2020/12/22 09:58:29
Login	Administrator	System Login	2020/12/22 09:58:41
Exit	Administrator	Exit System	2020/12/22 09:58:43
Login	Jason	System Login	2020/12/22 09:58:51
Exit	Jason	Exit System	2020/12/22 09:58:53
Login	Zac	System Login	2020/12/22 09:59:02
Exit	Zac	Exit System	2020/12/22 09:59:04
Login	Zac	System Login	2020/12/22 09:59:12
Exit	Zac	Exit System	2020/12/22 09:59:14
Login	Administrator	System Login	2020/12/22 09:59:28

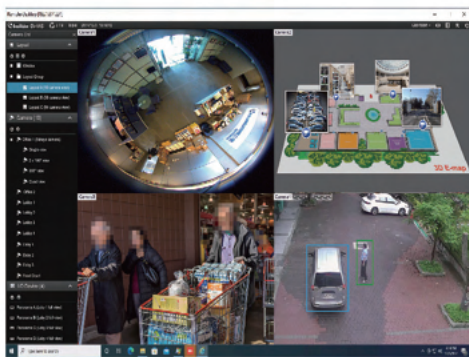
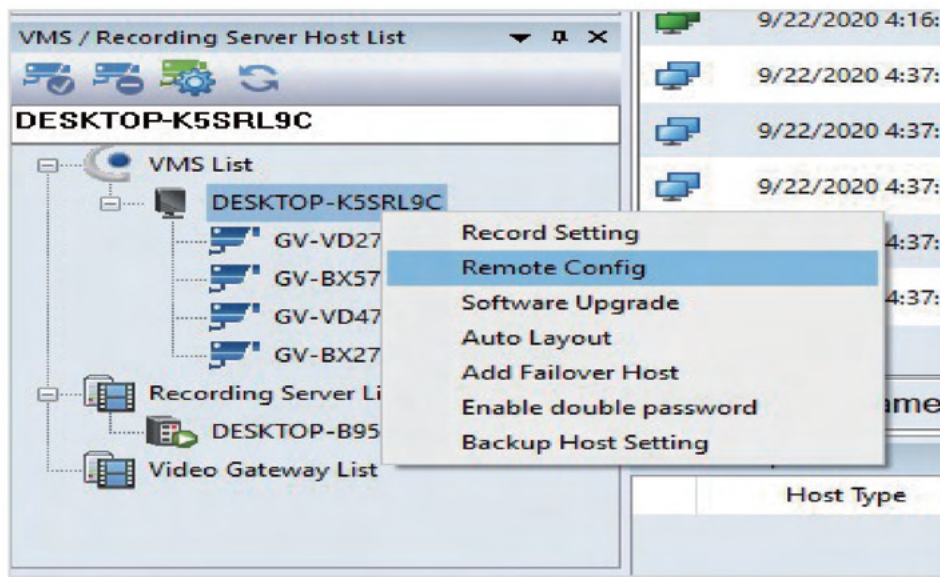
## Real-Time Video Thumbnail Preview

Screenshot of camera scenes current connected. Easy to identify where being monitor.

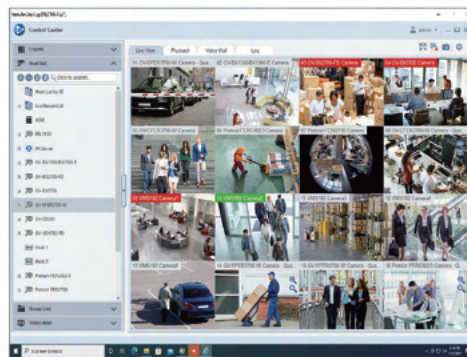


# Remote Host Configuration

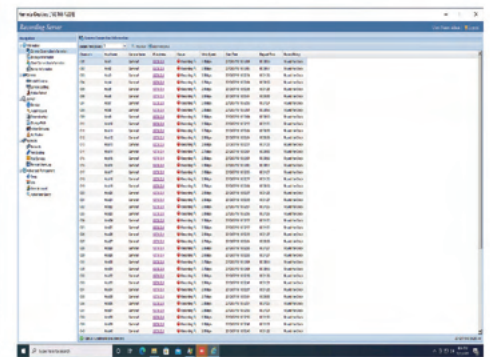
GV-Enterprise can access and configure all client GV-VMS/GV-Control Center/ GV-Recording Server/GV-ERM remotely. This feature reduces the trips client site just to change settings.



GV-VMS



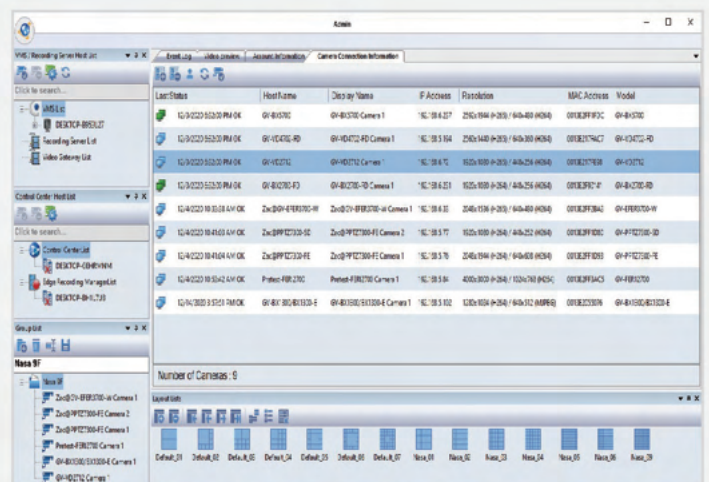
GV-Control Center



GV-Recording Server

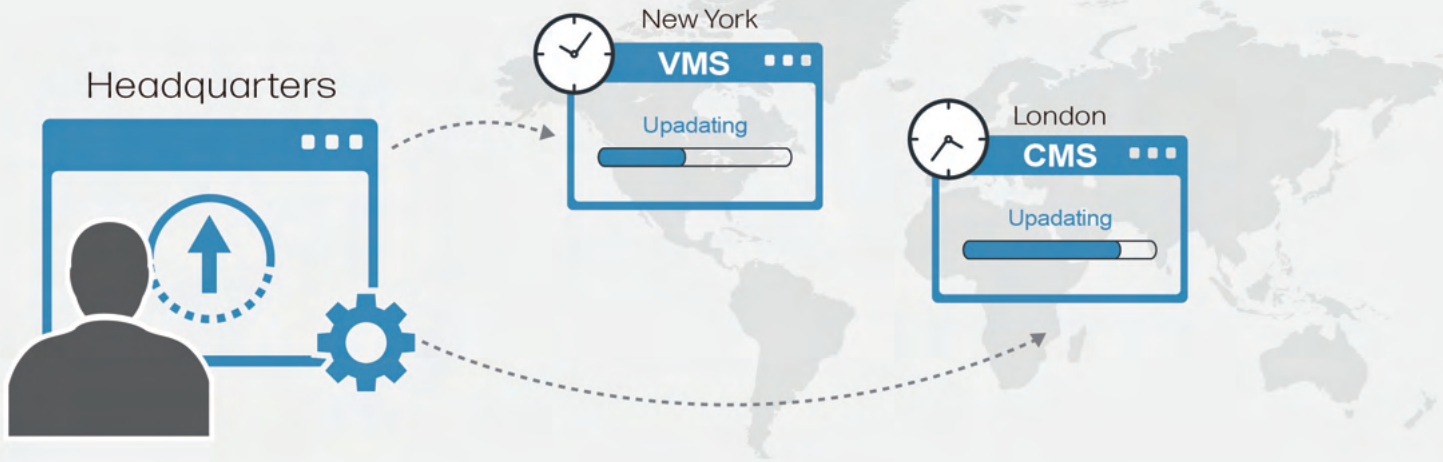
## Host / Camera Information

- GV-System and IP camera status
- Assign and management video layout
- Edit and assign IP camera group
- Search and allocate into GV-system



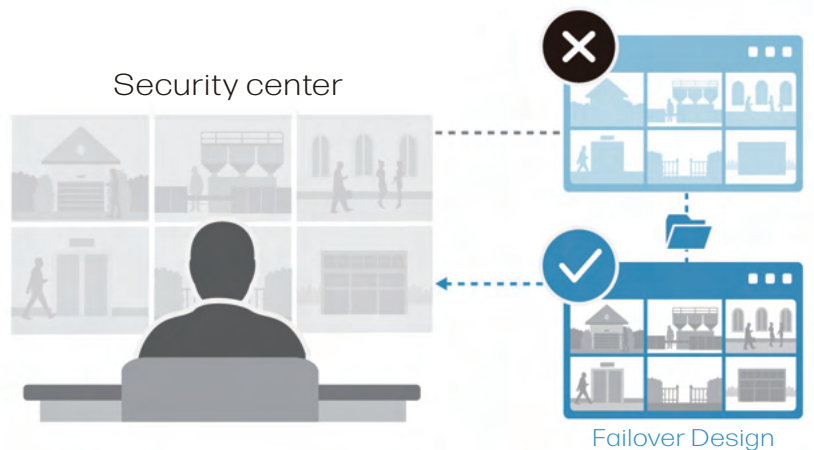
# Remote Update

Software be set to auto or scheduled update. Each individual or server can have its own update schedule set. Firmware may be Manually upgraded.



# Failover Design

- Auto/Manual backup
- Availability failover for GV-Enterprise, VMS and Recording Server for uninterrupted live monitoring



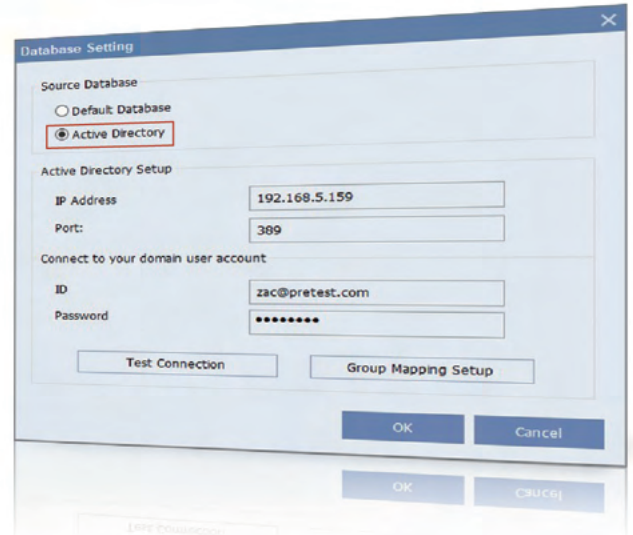
# Failover Mechanism



# Active Directory Integration

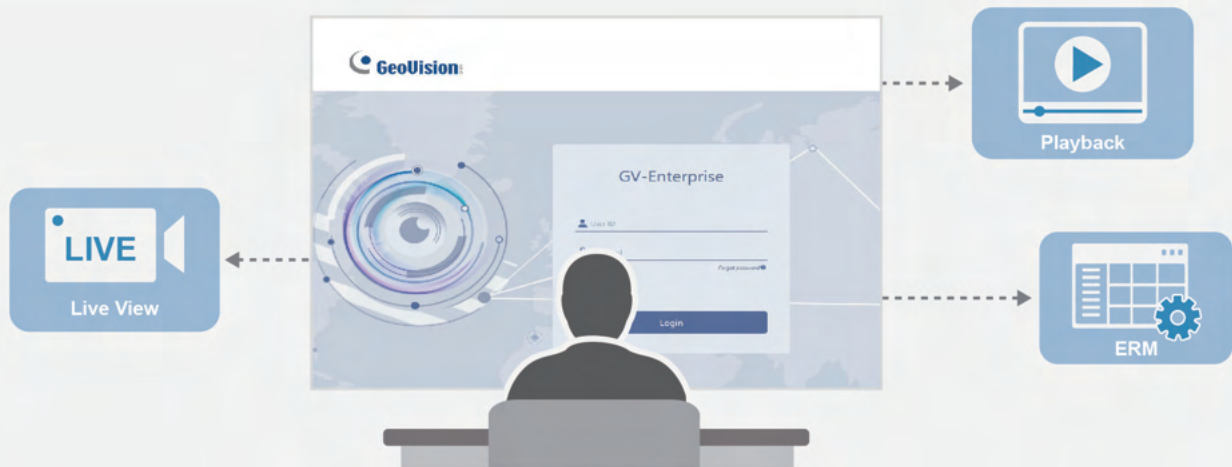
Synchronize and centralize Windows user accounts in GV-Enterprise. Adding a Windows user to Active Directory will create a new GV-Enterprise user.

- Ensures secure access to system
- Synchronizes data
- Simplifies personnel management
- Reduces repetitive work

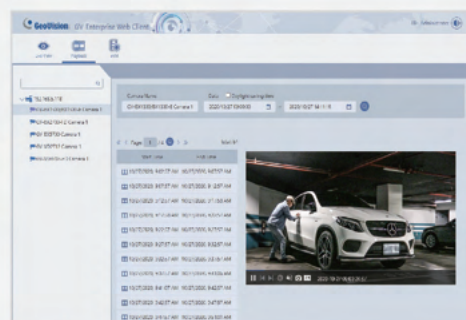


# Web Portal Access

Access regardless of user location. Ideal for large-scale system. Available in live view, playback, and edge recording manager (ERM).



Live View



Playback



ERM