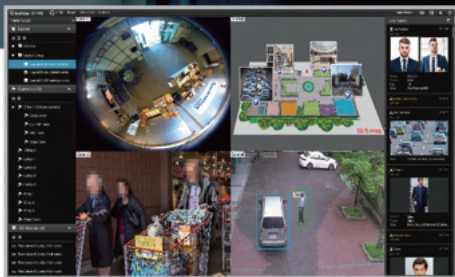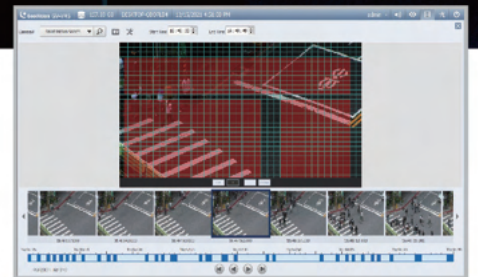# GeoVision Inc.

GV-VMS
Unlock the Potential of AI at the Edge
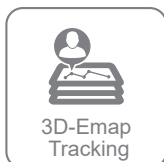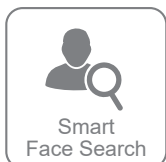

Face Mask

AI Perimeter Protection

Smart Motion Search

Experience a crucial step forward as AI transforms the landscape of cloud security, ensuring enhanced protection and peace of mind for your valuable data.

Live Mobile Streaming | Smart Face Search | 3D-Emap Tracking | Face Mask | AES Encryption | Alarm Trigger | SDK 3rd Party Integration

GV-VMS

3D-Emap Tracking	Smart Face Search	Snapshot Enroll	Storyline Playback	Face ID	Alarm

Key Features / Advanced functions include:

Detection and Analysis:

- Built-in people/vehicle detection and attributes
- Built-in face search and tracking

- Smart motion search
- POS advanced search
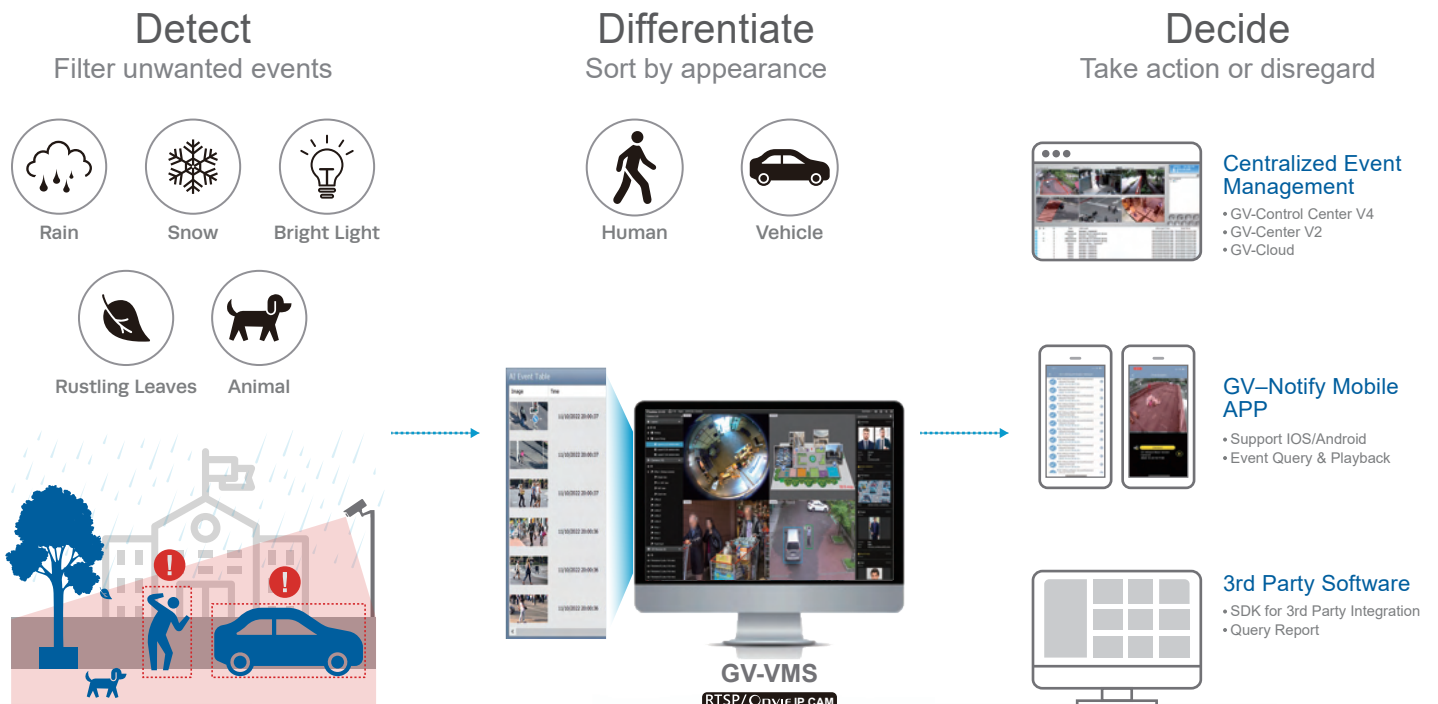
Integration and Device Compatibility:

- Integrate with GV-Cloud service
- Integrate with GV-AI devices
- Support SIP protocol

- Support Decoder Box for additional display
- Support AI accelerator card

Live Monitoring and Playback:

- Live streaming app
- Cooperative failover for live view & recording

- Live and playback face mosaic
- 3D E-map and storyline playback

Built-in People / Vehicle Detection

GV-VMS includes AI video analytics with PVD (People and Vehicle Detection), accurately identifying human and vehicle motion from other moving objects.

Detect
Filter unwanted events

- Rain
- Snow
- Bright Light
- Rustling Leaves
- Animal

Differentiate
Sort by appearance

- Human
- Vehicle

Decide
Take action or disregard

Centralized Event Management
- GV-Control Center V4
- GV-Center V2
- GV-Cloud

GV–Notify Mobile APP
- Support IOS/Android
- Event Query & Playback

3rd Party Software
- SDK for 3rd Party Integration
- Query Report

GV-VMS
RTSP/Onvif IP CAM

Integrate with GV-AI Devices

The VMS integrates with AI-capable GV IP cameras, enabling seamless communication. The solution utilizes AI analytics to detect events like intrusion, area entry/exit, line crossing, face detection, and crowd density. Users can trigger alarms and send email alerts upon AI events. The solution also allows querying for AI events, facilitating event-specific searches. Overall, it offers advanced surveillance capabilities, timely notifications, and improved situational awareness.
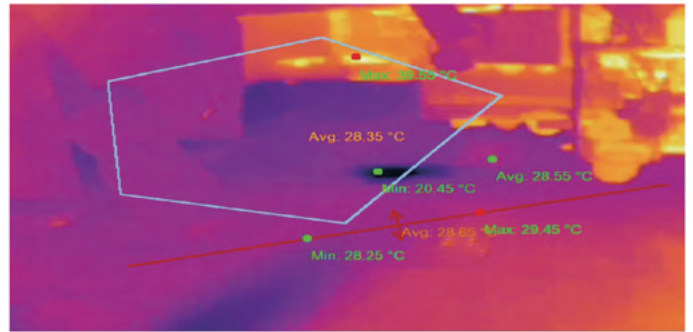

Crowd Detection
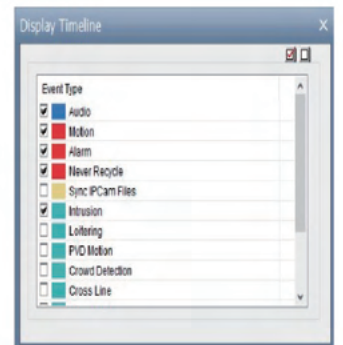

Region In/Out

Intruder Detection
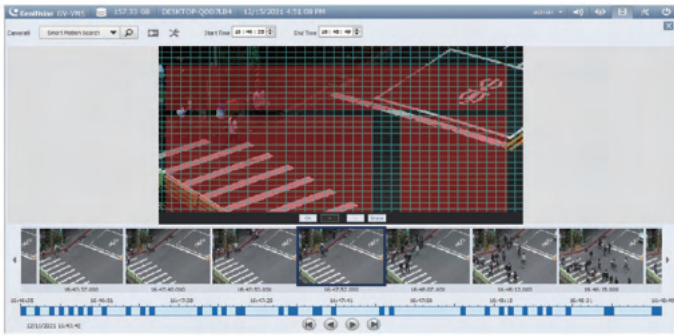

Thermal View

Timeline Event playback

AI Event Search

Timeline Event Filter

Smart Motion Search

Smart Motion Search is a fast and efficient method for finding video events. It saves search time by focusing solely on regions enabled and configured for smart search, effectively filtering out areas that are not of interest.
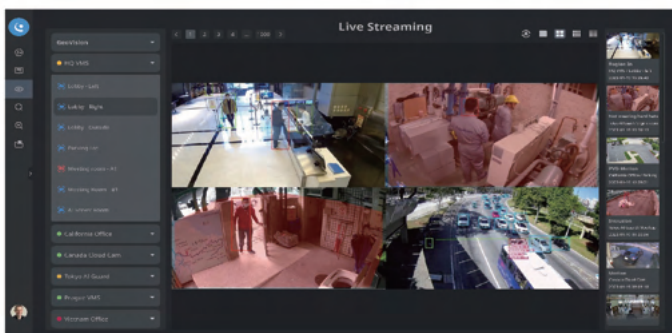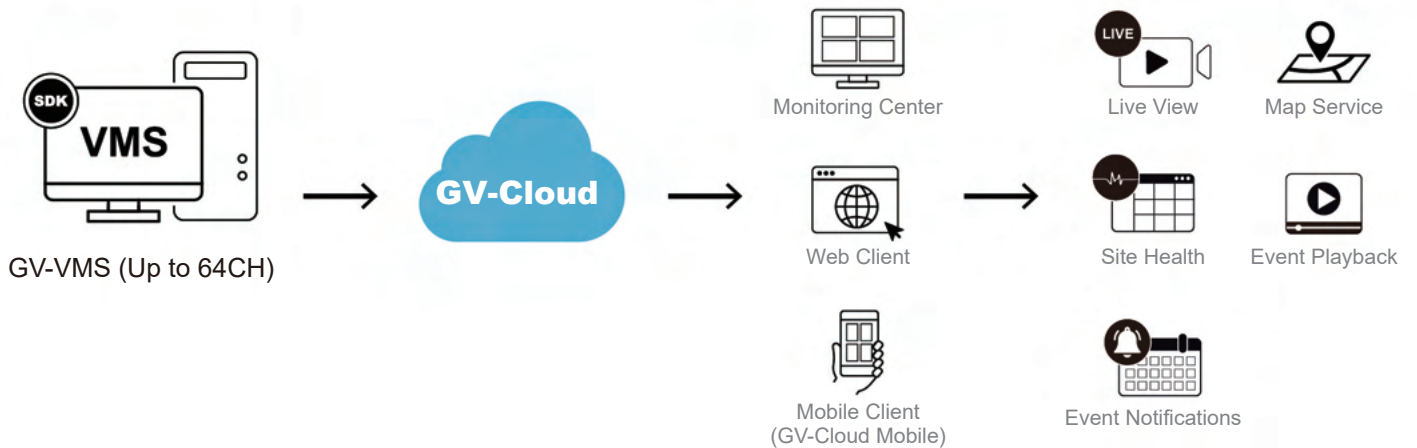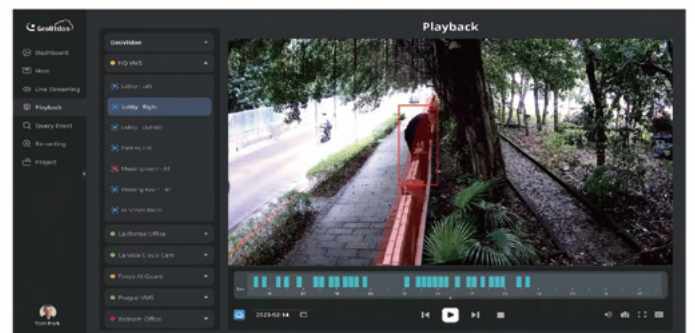

Smart Motion Search

Integrate with GV-Cloud Service

The VMS seamlessly integrates with GV-Cloud, enabling event uploads to the platform. These events encompass system health information, PVD motion events, and I/O events. Furthermore, AI-capable GV IP cameras can upload AI events, including snapshots and playbacks.

Structure

GV-VMS (Up to 64CH)

Cloud Client
- Monitoring Center
- Web Client
- Mobile Client (GV-Cloud Mobile)

Cloud Features
- Live View
- Map Service
- Site Health
- Event Playback
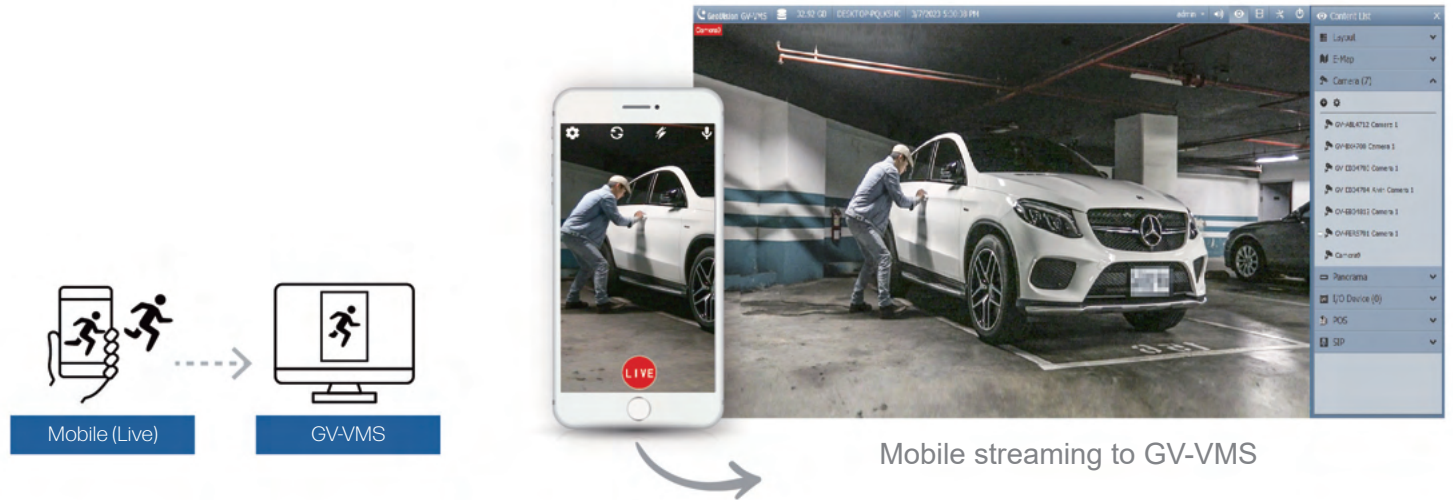- Event Notifications
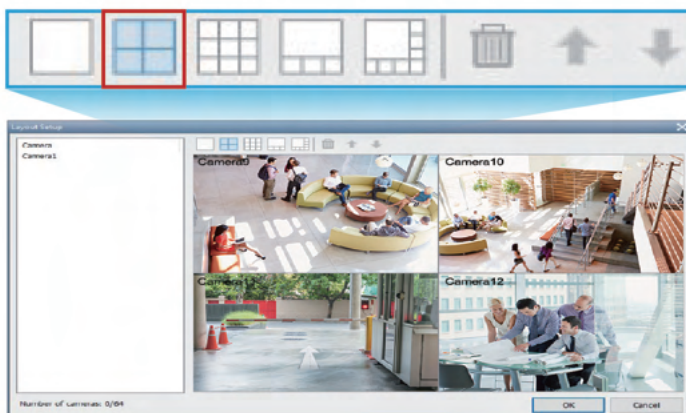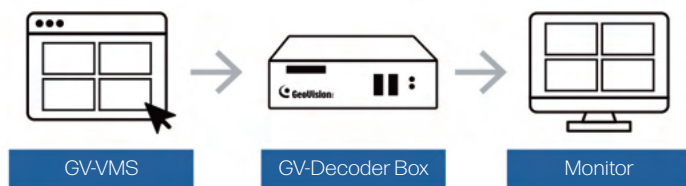

VMS Live View

VMS Playback

Live Streaming with Mobile App

GV-Live Streaming captures real-time video from your mobile phone and sends it to VMS. 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.

Mobile (Live) → GV-VMS

Mobile streaming to GV-VMS

Support Decoder Box for Additional Display

GV-VMS can connect to the GV-IP Decoder Box to assign desired camera channels for remote monitor display.

GV-VMS → GV-Decoder Box → Monitor

Group your views

Display your views