



Introduction

GeoVision Access Control System offers intelligent networked solution, suitable for both small business and multinationals with facilities around the globe. The comprehensive managing and monitoring software package allows seamless integration with GeoVision DVR and IP products, offering live video and event associated playback to be controlled from single platform.

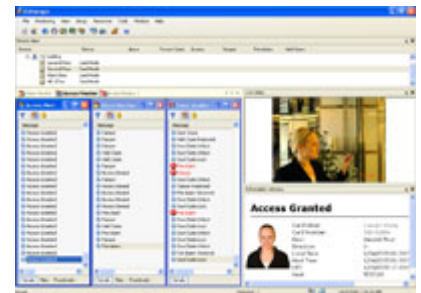
SOFTWARE KEY FEATURES

Video Integration Features

- Managing access and alarm events with associated video under one platform makes historical data/ video evidence search easy
- Unlimited and user-defined matrixes of 16-screen multi live view makes central monitoring possible. Matrix setting is simple by drag & drop of cameras to the multiview window.
- Video can be provided from various sources: GeoVision DVR, GV-Video Server, GV-Compact DVR, GV-Megapixel camera, and 3rd party IP cameras
- Click on event to retrieve playback immediately
- Badge information and live video comparison eases identity verification
- Historical events with synchronized video can be accessed via the Internet

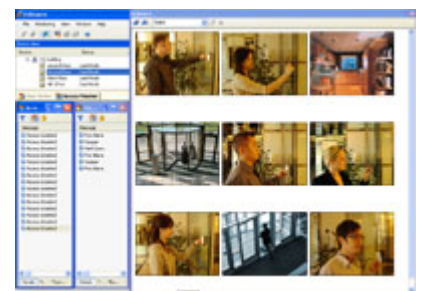
IP cam Integration Features

- Suitable for small installation site where few doors need live video monitoring to raise security level
- With GV-Megapixel camera, each event's associated high resolution snapshot makes exam image details possible while searching back
- GV Access Control System also supports wide range of 3rd party leading brand IP cameras
- Support for connecting to third-party IP devices using ONVIF, PSIA and RTSP protocols
- E-mail notification to contain both event snapshot and database stored cardholder photo to ease comparison
- List of snapshots of one person's access record with database photo to distinguish abnormal events, such as tailgating



GV-ASManager

Installed in local PC, link to controllers
Main function: Management & Monitoring

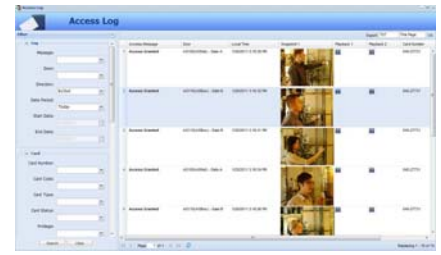


GV-ASRemote

Installed in remote PC,
unlimited link to GV-ASManager
Main function: Monitoring & Basic control

Access Control Features

- When a card is swiped at the reader, or when an alarm detector is triggered, the PTZ camera can be configured to turn to the monitoring region of reader or alarm detector
- High performance network access control system
- Flexible and scalable architecture up to 255 GV-AS Controller
- Seamless integration with GeoVision DVR Series/ GV-Compact DVR/ GV-Video Server/ GV-IP camera / 3rd party IP camera
- Each log information with corresponding video
- Real-time door status monitoring, support 16-screen multi live view
- Web interface for historical log search with synchronized video and snapshot
- Remote monitor/ video playback/ door operation
- Support Microsoft Access database
- SMS or E-mail notification with user-defined content, video snapshot, and database photo
- Comprehensive user/ card management system
- User-defined viewer layout and dual monitor display support
- Report export in Excel/ Text/ HTML file formats
- Up to 256 configurable time zones and weekly schedules
- Holidays planning for 14 months
- Multiple cards per user
- Up to 10,000 manageable access groups
- 4 level authorization set-up
- Event trigger recording
- 5 languages supported: English, Portuguese, Russian, Spanish, Traditional Chinese



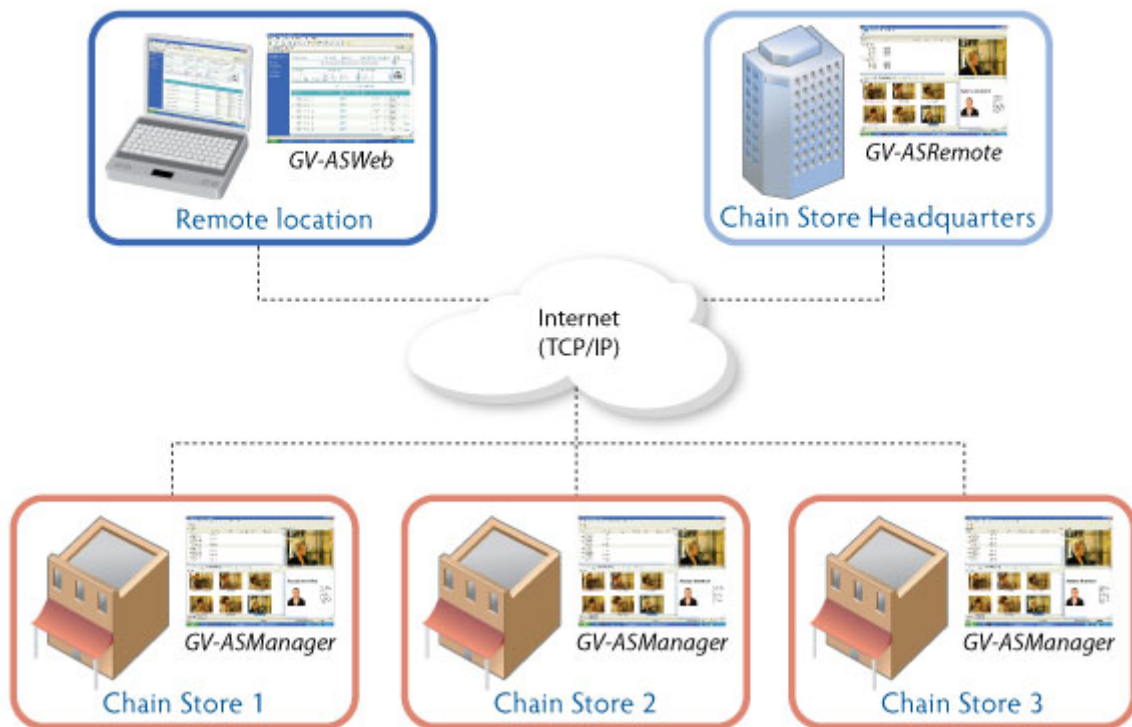
GV-ASWeb

Web interface

Main function: Search historical event with synchronized video

CASE STUDY

GeoVision ACCESS CONTROL SOLUTION - RETAIL CHAIN



Along with powerful access controllers and other hardware accessories, GeoVision offers a series of cutting edge, complementary access control software products - the GV-ASManager, the GV-ASWeb, and the GV-ASRemote - that provide the flexibility and scalability for both local and remote access control applications.

The diagram above shows interlinking connection between the access control applications for a particular retail chain. General purpose for each of these access control software is described below:

GV-ASManager

- Access control software installed in local PC (e.g. in local chain store)
- When/ Where/ Who access right set up
- Provide comprehensive reporting features
- E-mail alert for real time notification
- Events associating with snapshot or video
- Live view under one platform

GV-ASRemote

- Access control software installed in remote PC (e.g. in chain store headquarters)
- Controls multiple GV-ASManagers installed at various locations - suitable for central control monitoring purpose
- Remote monitoring, remote live multiview, and remote playback
- Provides basic remote controls for door/alarm operation

GV-ASWeb

- Access to log data and synchronized video playback anywhere via the Internet
- Available with quick search function
- List video snapshot together with cardholder photo to ease verification
- Remotely add or delete cards, cardholders, controllers, access groups, cameras

GV-TAWeb

- Flexible workforce schedule arrangement
- Payroll calculation
- Attendance and payroll report search

GV-VMWeb

- Web interface for creating visitor database and granting access
- Visitor record search
- Visitor self registration