

## Introduction

GV-ASManager offers a network access control solution suitable for both small business and multinationals with facilities around the globe. GV-ASManager can control up to 1000 units of GV-AS / GV-EV Controllers. In addition, IP devices can be connected to GV-ASManager through network to provide live video and event associated playback.

## KEY FEATURES

### Access Control Functions

- Control up to 1000 GV-AS / GV-EV Controllers
- Four access mode options: Card only mode, Card and PIN Code mode, Card or Common mode, Release mode
- Alarm conditions: door held open, door forced entry, tamper, access denied, duress, fire alarm
- SMS or E-Mail notification with user-defined content, video snapshot and user photo
- Up to 40000 cards for all GV-AS/EV Controllers
- Up to 1000 system users and 10000 access groups
- Up to 256 time zones and weekly schedules
- Holiday planning for 14 months
- Multiple cards per user
- Enroll cards in batch mode
- Anti-Duress operation
- Anti-Passback capabilities
- Door Interlock
- Support Microsoft Access, SQL database and Active Directory database
- Import/export of card and user data in Access or Excel file format
- User-defined screen layout and dual monitor display support
- Patrol Tour that requires security personnel to check in at the specified locations
- Vehicle hotlist to help locate stolen vehicles or other vehicles of interest
- Languages supported: English, French, Hebrew, Japanese, Portuguese, Russian, Serbian, Spanish, Traditional Chinese, Turkish

### Video Integration

- Integrating video from GeoVision IP devices (GV-System, GV-VMS, GV-Video Server, GV-Compact DVR, GV-IP Camera) and third-party IP cameras
- Support for connecting to third-party IP devices using ONVIF, PSIA and RTSP protocols
- User-defined matrix of 16-channel multi-views
- Click on events to play back recordings immediately

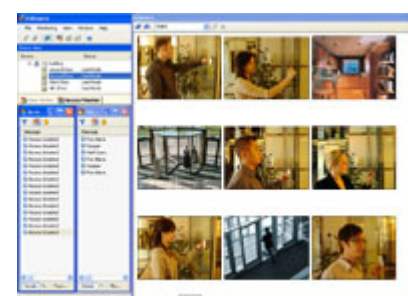
### GV-ASRemote

- Monitor unlimited GV-ASManagers over the Internet
- Remote door monitoring, video playback, door operation



**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

## GV-TAWeb

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

**GV-ASWeb**

- Remotely watch live view from connected devices
- Remotely add or delete cards, users, controllers, access groups, cameras
- Remotely set up operator accounts, patrol tours, parking lots, and notification settings
- Web interface for historical log search with corresponding video and snapshot
- Log export in Excel, Text, HTML, Zip and PDF file formats
- View access data on Google Maps in the order of access time



## GV-ASWeb

Web interface

Main function: Search historical event with  
synchronized video

## GV-VMWeb

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

## GV-Access Mobile Applications

- Access up to 5 GV-ASManager systems from iOS and Android mobile devices
- Watch live view from cameras associated with a door or lane
- Lock or unlock a door
- Check door status to see if any alarm events have occurred at a door
- Open LPR lanes



## GV-Access Mobile Applications

Main function:

### Remote control and monitoring

## Minimum System Requirements

|           |        |  |
|-----------|--------|--|
| OS        | 32-bit | Windows 7 / 8 / 8.1 / 10 / Server 2008                         |
|           | 64-bit | Windows 7 / 8 / 8.1 / 10 / Server 2008 R2 / Server 2012 R2     |
| CPU       |        | Core 2 Duo E8400, 3.0 GHz                                      |
| Memory    |        | 2 x 1 GB Dual Channels   |
| Hard Disk |        | 500 GB   |
| VGA       |        | PCI-Express, 1280 x 1024 , 32-bit color and support DirectX 10 |
| DirectX   |        | End-User Runtimes (November 2008)                              |
| Software  |        | .NET Framework 3.5<br>SQL Server 2005 Express (optional)       |
| Browser   |        | Internet Explorer 9.0 or later                                 |

**Note:** GV-ASManager has ended support for [Windows XP and Vista](#).

## Software License

|                            |                      |
|----------------------------|----------------------|
| Free License               | 4 controllers        |
| Maximum License            | 1000 controllers     |
| Increment for Each License | 1 controller         |
| Dongle Type                | External or internal |

Note: The Maximum License is a paid service.

## Supported Software Versions

|           |  |
|-----------|--|
| GV-System | GV-ASManager 4.2.1 – 4.2.3: V8.5.9.0<br>GV-ASManager 4.3: V8.6.0.0<br>GV-ASManager 4.3.5 – 4.4: V8.6.2.0<br>GV-ASManager 4.4.1: V8.6.2.0 or V8.7.0.0<br>GV-ASManager 4.4.2: V8.7.0.0 or V8.7.1.0<br>GV-ASManager 4.4.3: V8.7.1.0 |
|-----------|--|

GV-VMS

GV-ASManager 4.3.5 – 4.4.2: V15.10  
GV-ASManager 4.4.2: V15.10 or V15.11  
GV-ASManager 4.4.3: V15.11.3

**Note:** GV-ASManager does not support 3rd party controllers.

## Options

GV-GF1911 Fingerprint Reader

Fingerprints can be enrolled through a GV-GF1911 Fingerprint Reader installed on the computer of the GV-ASManager. The fingerprint data are distributed through GV-ASManager to the assigned fingerprint readers installed on GV-AS / GV-EV Controllers for access control.

GV-GF1921/GF1922 Fingerprint Reader

For local fingerprint enrollment, the user needs to register his or her fingerprints onsite using a reader connected with GV-ASManager. For remote fingerprint enrollment, empty fingerprints can be created on the GV-ASManager first, and the user can register his or her fingerprints later at a GV-GF1921 / 1922 with the assigned card.

GV-PCR310 Enrollment Reader

The GV-PCR310 is a USB card reader designed to assist with card enrollment to GV-ASManager / GV-ASWeb. It reads and transfers the identification data of a detected card to GV-ASManager / GV-ASWeb. The user can conveniently establish user accounts on GV-ASManager / GV-ASWeb by inserting the cards in the GV-PCR310 Enrollment Reader.

GV-FR2020 Face Recognition Reader

Faces can be enrolled through a GV-FR2020 Face Recognition Reader and GV-ASManager will synchronize the face data using TCP/IP connection.

## CASE STUDY



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

The diagram above shows how the access control software can be set up for a retail chain. GV-ASManager can be installed in local PCs of the chain stores and the headquarters can remotely monitor the chain stores using GV-ASWeb or GV-ASRemote. Using GV-Access mobile applications, up to 5 GV-ASManager systems can be accessed from a mobile device.