GV-ASManager

Access

Control

Integration

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

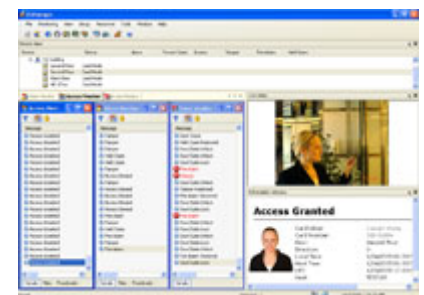### Access Control Functions

- 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 100000 cards for most 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
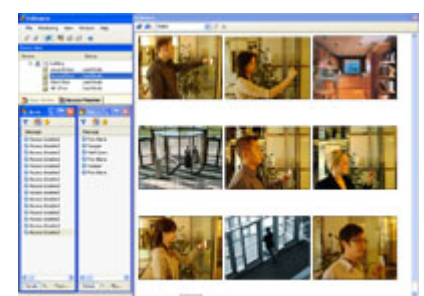- Click on events to play back recordings immediately

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
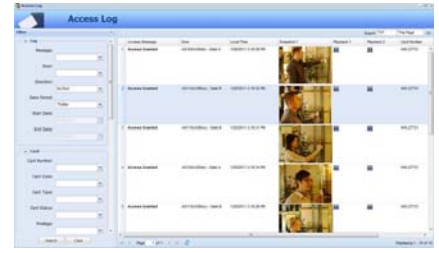

GV-ASRemote
Installed in remote PC,
unlimited link to GV-ASManager
Main function: Monitoring & Basic control

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
- Track GPS positions of detected vehicles

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 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-DVR / NVR	GV-ASManager 4.2.1 – 4.2.3: V8.5.9.0 GV-ASManager 4.3: V8.6.0.0 GV-ASManager 4.3.5 – 4.4: V8.6.2.0 GV-ASManager 4.4.1: V8.6.2.0 or V8.7.0.0 GV-ASManager 4.4.2: V8.7.0.0 or V8.7.1.0 GV-ASManager 4.4.3: V8.7.1.0 GV-ASManager 5.0: V8.7.1.0 GV-ASManager 5.0.1.0: V8.7.3.0

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
	GV-ASManager 5.0: V16.11.0.0
	GV-ASManager 5.0.1.0: V16.11.0.0

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.