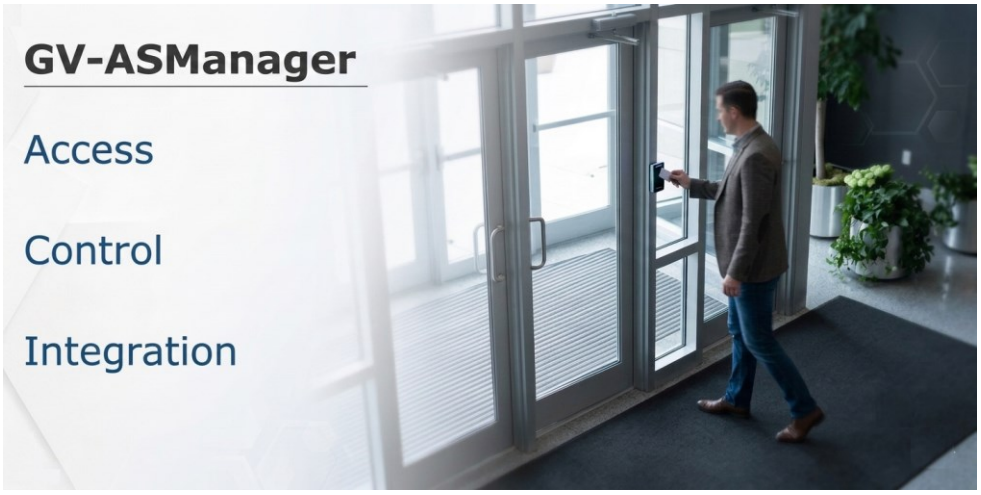


Introduction

GV-ASManager offers a network access control solution suitable for both small businesses and multinational corporations with facilities around the globe. GV-ASManager can manage up to 1,000 units of GV-AS Controllers (door controllers) and GV-EV Controllers (elevator controllers). In addition, IP camera devices can be connected to GV-ASManager to display live video and handle event playback.

Key Features

Access Control Functions

- Control up to 1,000 GV-AS / GV-EV Controllers
- Four access modes: Card only, Card and PIN Code, Card or Common mode, and Release mode
- Alarm conditions: door held open, door forced entry, tamper, access denied, duress, and fire alarm
- Event notifications: I/O triggers, e-mail alerts, mobile push notifications, and Webhooks
- Up to 100,000 cards supported for GV-AS Controllers
- Up to 1,000 system users and 10,000 access groups
- Up to 256 time zones, weekly schedules and holiday planning for 14 months
- Multiple cards per user
- Card enrollment in batch mode
- Anti-Duress operation
- Anti-Passback capabilities
- Door Interlock
- Support for Microsoft Access or SQL databases
- Import/export of card and user data in Microsoft Access or Excel formats
- User-defined screen layout and dual monitor display support
- Patrol Tour requiring security personnel to check in at the specified locations
- Integrated face recognition with support for GV-Face Recognition Cameras / GV-AI FR (software) / GV-FR Panel (reader)
- Languages supported: Czech, English, French, Hebrew, Italian, Japanese, Korean, Persian, Polish, Portuguese, Russian, Serbian, Spanish, Traditional Chinese, Turkish, and Ukrainian



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



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

Video Integration

- Live video integration with GeoVision software, IP devices and third-party IP cameras
- Support for third-party IP devices using ONVIF, PSIA and RTSP protocols
- User-defined matrix of 16-channel multi-views
- Instant event playback

GV-ASRemote

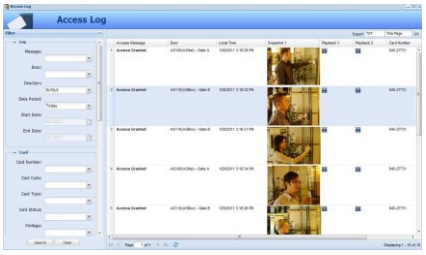
- Remote monitoring for an unlimited number of GV-ASManager systems
- Remote door monitoring, video playback, and door operations

GV-TAWeb

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

GV-ASWeb

- Remote live monitoring
- Remote perimeter control
- Remote system configuration
- Web-based log retrieval
- Versatile log export: Excel, Text, HTML, Zip, and PDF file formats
- Geospatial tracking: Visual mapping of access data on Google Maps, sequenced in chronological order of access events



GV-ASWeb
Web interface
Main function: Search historical events with synchronized videos

GV-VMWeb

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

GV-Access Mobile App

- Support up to 20 GV-ASManager systems
- Real-time connection and alert status for all controllers, doors, LPR devices and lanes
- Camera stream access mapped to specific doors or lanes
- Manual door lock or unlock functionality
- LPR gate control
- Remote clearing of alert events
- Push alerts for access control, LPR, I/O box, system and user activity
- Push notifications and live view call-ups triggered by GV-CR1320 (reader) / GV-CS1320 (controller) / GV-IS1320 (controller) touchpad activation



GV-Access Mobile Applications
Main function:
Remote control and monitoring

GV-Patrol Mobile App

- Centralized patrol tour management
- Real-time guard check-In
- Patrol analytics & historical tracking

Minimum System Requirements

No of connected controllers		0-50	51~100	101~1000
OS	64-bit	Windows 10 / Windows 11 / Server 2016 / Server 2019 / Server 2022 / Server 2025		
CPU		Intel Core i3, 3.4 GHz (2 Cores, 2 Threads)	Intel Core i5, 3.4 GHz (2 Cores, 2 Threads)	Intel Core i7, 3.0 GHz (4 Cores, 8 Threads)
Memory		8 GB		16 GB
Database		MDB or Microsoft SQL database		Microsoft SQL database
Hard Disk		500 GB		1 TB
Program		.NET Framework 4.5 Microsoft SQL Server 2025 Express (optional)		
Browser		Internet Explorer 9.0 or later, Edge, Chrome, Firefox		

Licensing

Free License		4 controllers
Maximum License (1)		1,000 controllers
Increment for Each License		1 controller
Optional Combination		GV-AS Controllers + GV-Patrol and/or GV-I/O Box (4)
License Type	GV-USB Dongle	External or Internal
	Software License	GV-ASManager V5.3.0 or later

Note:

1. The Maximum License is a paid service.
2. The licensing comes in two forms: *GV-USB dongle* and *software license*.
3. Software licensing is not compatible with GV-USB dongle, and ONLY supports the following controllers:
   - GV-AS21xx / 41xx / 81xx series (firmware V2.30 or later)
   - GV-AS1520 (firmware V2.03 or later)
   - GV-AS1620 (firmware V1.01 or later)
   - GV-CS1320 (firmware V3.01 or later)
   - GV-EV48 (firmware V2.30 or later)
4. Up to 16 GV-I/O Boxes are supported for free. Connections exceeding this limit require a license.

Supported Software Versions

- GV-DVR / NVR: V8.5.9.0 or later
- GV-VMS: V17.x, V18.x and V20.x
- GV-Recording Server: V1.4.2 or later
- GV-Control Center: V4.0.0 or later

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

Options

GV-FWC	GV-FWC integrates GeoVision face-recognition-based cameras, software and readers into access control systems by sending access card data, paired to Face IDs, to controllers either through TCP/IP or Wiegand.
GV-IO Box Series	GV-IO Box series provides 4 / 8 / 16 inputs and relay outputs, and supports both DC and AC output voltages, with optional support for Ethernet module and 4E additionally supporting PoE connection.
GV-PCR1251 Enrollment Reader	GV-PCR1251 is a USB card reader, supporting 125 kHz, designed to assist with GV-AS ID Card / Key Fob enrollment to GV-ASManager.
GV-PCR1352 Enrollment Reader	GV-PCR1352 is a USB card reader, supporting 13.56 MHz, designed to assist with GV-AS ID Card / Key Fob enrollment to GV-ASManager.

Applications

The diagram below illustrates how the access control software can be set up for a retail chain. GV-ASManager can be installed on the local PCs of individual chain stores, allowing headquarters to remotely monitor and manage them using GV-ASWeb or GV-ASRemote. Additionally, the GV-Access mobile app enables users to access multiple GV-ASManager systems directly from a mobile device.

