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## GV-ASManager Version History

### V6.0.2 2023-10-17

#### New:

- Support for Windows Server 2022
- Support for live views from USAVision HD DVR / NVR (UA-HD DVR series / UA-SNVR series), UA-IP Camera, GV-SNR3203, and GV-SNVR6403
- Support for video playback from the following models; only video playback on GV-ASManager's site supported
  - USAVision HD DVR / NVR (UA-HD DVR series / UA-SNVR series)
  - Standalone NVR (GV-SNVR series)
- Support for automatic brand detection when adding an IP camera (UA-B20004F / B40004F / B4000VF-S / UA-D20002F / D40002F / D4000VF-S / UA-R40002F-SA are not supported for the function)
- User Area data available for card data export
- Ability to restrict exit of unregistered and overstaying vehicles from a parking lot (only works with GV-LPR Plugin V6.0.2 or later)
- Support for Door Schedule Export on GV-ASWeb
- Support for displaying door connection status on GV-ASWeb Map Monitor
- Support for the Add and Open Gate function on GV-ASWeb Parking Monitor, which allows you to add a vehicle, that is unable to enter the parking lot, to the vehicle list and open the gate for it
- Support for visitor QR code printout and display on the screen on GV-VMWeb
- Ability to create multiple visit requests with the same license plate number on GV-VMWeb
- Language support for Czech and Italian
- IPv6 support in GV-ASManager's Web Server
- Support for batch enrollment to GV-Cloud Access Control with Card, Vehicle and User List exports from GV-ASManager
- Microsoft Visual C++ package and IP camera driver included in GV-ASNotify installer

#### Fixed:

- Chances of GV-ASRemote Web not opening with the "500 Internal Server Error" error message shown (ASRemote Patch V6.0.1.1)



- Chances of failing to auto-update Active Directory or Excel database to GV-ASManager (Patch V6.0.1.1)
- Chances of failing to manually update the Active Directory database (Patch V6.0.1.1)
- Failure to display all function tabs on the Visitor Web interface when the language is set to Russian or Ukrainian (Patch V6.0.1.2)
- Failure to record check-in and check-out time for vehicles on GV-VMWeb (Patch V6.0.1.3)
- Failure of Keep Days when the Expand Data Size function is enabled (Patch V6.0.1.4)
- Failure to open Accessible Card and Accessible User from GV-ASWeb Controller List (Patch V6.0.1.5)
- Failure to control door locks of GV-ASManager hosts in GV-Control Center (Patch V6.0.1.6)
- Inability to memorize Access Group setting changes on GV-ASWeb (Access Log > Edit Card, or Monitor > Edit Card) (Patch V6.0.1.7)
- Inability to display only the access log for a selected device group on GV-ASWeb Access Log; the entire access log is displayed instead (Patch V6.0.1.8)
- Failure to generate a report using Export Schedule because the required time to export log data exceeds the inner timeout limit (Patch V6.0.1.9)
- Inability to restrict data and log search on GV-ASWeb, based on operators with different access group permissions
- Inability to display the Employee ID column on GV-ASWeb Access Log
- Inability to display GV-EV48 controllers in the Door field of Access Log, Alarm Log and Event Log on GV-ASWeb
- Issue of display error for interlocked doors on GV-ASWeb Controller List
- Inability to display more than 32 characters in the titles of Schedule Templates on GV-TAWeb
- Report export failure using GV-TAWeb with a large quantity of database records
- Failure of the Invoke Alarm function on GV-ASRemote for enabling a computer alarm when defined events occur
- Issue of Deactivation Date conflicts in two different dialog boxes when adding a new card on GV-VMWeb
- Issue of Auto Permit to allow visitors' vehicle requests automatically on GV-VMWeb
- Issue of the Access Group drop-down list not working in the Add a New Card, Edit the Card or Edit the Vehicle dialog box after selecting the Visitor Web option on GV-VMWeb
- Failure to import Passcodes from an excel file using ASDBManager



- Face enrollment failure in Windows 11 server  
GV-LPR2800-DL / 2811-DL live view error due to incorrect Model type (PC LPR) applied after IP address is changed
- Inability to display data under the Access Group column on the LPR Monitor window
- Display error occurred in Lane Setup of Parking Lot settings, which is the “Lane” assigned to Incoming or Outgoing in the left pane remains in the right pane
- Failure to access the two functions, “Select a Card” and “Card Reader”, when adding a new vehicle (Vehicle List > New > the button next to Card Number)
- Inability to restrict doors for input-triggered door operation in I/O Box settings, based on operators with different access group permissions (I/O Box Setup > Triggered Device > Action)
- Failure to detect the updated storage path of user photos when using the Design Card Template function (Design Card Template > Image > Properties > Data link)
- Failure of Trigger Recording in the Notification settings

**Modified:**

- Cyber security enhanced
- Authentication option “None” included in the GV-VMWeb mail server
- Automatic line break if the detected license plate number is too long
- Recycle threshold for saving camera images changed from 2 GB to 3 GB
- Cropping function for user photos improved
- Multi View streaming changed to sub stream

### V6.0.1A 2022-06-24

**Modified:**

- Redundant audio files removed in GV-ASManager (V6.0.1A) and GV-ASNotify (V6.0.1)



## V6.0.1 2022-02-10

### Fixed:

- Incorrect display or misplacement of the Device Group/Access Group list under the Assign Access Group section in Hebrew UI of Card List and Vehicle List (Card List / Vehicle List > the New button)

## V6.0.0 2022-01-04

**Note:** Because the new version has a different program architecture, upgrading to GV-ASManager V6.0.0 will remove all the previous **Data Group** settings.

### New:

- Device Group to group added devices (controller, LPR, camera and I/O box) to apply identical access settings, and allow or forbid system users to control the devices under the same Device Group
- Occupancy Limit to trigger an alert highlight on the screen of GV-ASManager when the specified number of users within an area has been reached
- Notification Settings
  - UI renovated
  - Alarm Schedule added to define the time period to send the notifications
  - Alert Approach rules added to allow users to enable or disable desired rules anytime
- Last Access Time available on the Card List, Vehicle List and User List to indicate the last date and time when a valid card and license plate number was presented and recognized
- Snapshots, displayed in the Access Log, allowed to be taken only for the entrance or for the exit based on which direction is triggered (In the previous version, the snapshots of both entrance and exit will be taken simultaneously no matter which direction is triggered.)
- Storage path of User Photo available for defining in the Database Tools (ASDManager.exe)
- Status of syncing 3<sup>rd</sup>-party database available in the System Log
- Web Server
  - HTTP and HTTPS ports on Web Server allowed to be enabled or disabled
  - Two UI color themes available
  - Web Socket playback added to allow the live video on GV-ASWeb streaming directly from connected cameras, to save GVASManager system resources



- Export to File added to Export Schedule on GV-ASWeb, for exporting logs to a specified folder on the GV-ASManager system regularly
- Monitor page added on GV-VMWeb to list the visit records of a specified time period
- Counter banner added on the top of GV-VMWeb to display live counts of Total, Unpermitted, Permitted, Check-in, Check-out and Expired visit requests
- Mobile version of Visitor Web to submit visitor requests through mobile phones
- Support for Windows 11

### **Modified**

- Release Schedule settings of GV-EV48 allowed to apply to specified floors at a time
- Message Data column added to User Action Log
- ASMobile settings included into ASWeb settings in the Account UI



#### V5.3.4 2021-09-08

**New:**

- Support for GV-Access app V1.4.0 which receives push notifications from GV-ASManager upon any access control, LPR, I/O box, system and user activity events

**Fixed:**

- Inability to assign the controllers to a license in the License Activation Tool
- Failure to display the correct license plate numbers in the Tiles View of LPR Monitor

#### V5.3.3 2021-08-06

**New:**

- Support for GV-QR1352 reader to gain access via QR code scan
- Support for single-use QR codes for visitor access control by GV-VMWeb
- Support for mobile cards, dynamic QR codes and smartphone access using GV-Mobile Access app
- Support for Ukrainian

**Fixed:**

- Failure to save the previous settings of Card Code when adding a new card through GV-ASWeb
- Security vulnerabilities of multiple Cross Site Scripting (XSS)

**Modified:**

- Support for 256-channel live view from GV-Recording Server
- New option “Sync from GV-FR2020 to GV-ASManager” for resending the enrolled face images from GV-FR2020 to GV-ASManager
- New option “Lock Down” added to the account privilege settings to allow or deny operators the permission to lock down any doors
- Procedures simplified to set up the connection to GV-AI FR and GV-FR Panel
- New option “Anti-Passback by User” added to the Parking Log management to allow only one vehicle of a user to enter the parking lot when the user has more than one registered vehicle



- Security of Web Server improved

#### **GV-ASWeb**

- New filter options ID, Phone and Mobile, added to the User List of GV-ASWeb
- Date period allowed to be set up to 6 months when performing the following log search on GV-ASWeb: Access Log, LPR Log, User Action Log, Alarm Log, Event Log, System Log, Daily Access Log, IO Box Log and IO Log

#### **GV-VMWeb**

- Support for displaying “Card User Defined Field” of the visitor card on GV-VMWeb
- Support for mail server authentication on Visitor Web of GV-VMWeb

#### **GV-ASNotify**

- Support for 256-channel live view from GV-Recording Server

#### **GV-Lock Down App**

- New option “Lock Down” added to the account privilege settings to allow or deny operators the permission to lock down any doors

### **V5.3.2 2021-02-04**

#### **New:**

- Support for deep learning recognition engines for Europe, France, Hungary, Slovakia, Myanmar and Ukraine license plates, which requires working with GV-LPR Plugin V5.3.2 (Note: Two-line plates are not supported by these country/area engines)

#### **Fixed:**

- Error message “404 Not Found” occurred on GV-VMWeb when using Microsoft SQL Server 2014 database and earlier versions
- Failure to connect to GV-LPR2811-DL / GV-LPR2800-DL / GV-LPR1200 / GV-DSP LPR when GV-ASManager is running on Windows 7 Embedded
- Error message “HTTP 500 Internal Server Error” occurred when playing back videos on GV-ASWeb

#### **Modified:**

- The list order of Access Groups on GV-ASWeb (Card List > Add a new card) consistent with that on GV-ASManager now





### V5.3.1 2020-10-19

#### **New:**

- Support for quickly pairing the photos and access cards of Users for face-recognition-based access control by the GV-Face Recognition cameras / GV-AI FR server connected
- Support for automated checking if the face photos paired to access cards are suitable for face recognition (64-bit Windows 10 and Intel CPU 6<sup>th</sup>-generation or above required)
- Support for displaying whether the required face / fingerprint features have been received from the GV-FR2020 / GV-Fingerprint Reader in User List
- Support for displaying whether the user data have been sent to the connected GV-FR2020 / GV-Fingerprint Reader in Feature Access
- Support for issuing Passcodes for visitor access via GV-VMWeb
- Support for sending e-mail notifications to the VM Operator e-mail account upon receiving visit requests via GV-VMWeb
- Support for Access Group duplicating
- Support for keyword search of Access Groups and the associated gate-specific schedules

#### **Fixed:**

- Inability to connect to GV-DSP LPR
- Improper prompting to set up the e-mail server when it has already been set upon configuring e-mail alerts
- Inability to access Map on GV-ASWeb when using Internet Explorer 11
- Inability to access Time Zone settings on GV-ASWeb when using Internet Explorer 11
- Inability to draw schedule timelines, unless zoomed-in, on GV-ASWeb when using Microsoft Edge or Google Chrome
- Improper assigning of Release Schedules to the connected GV-EV48 when applied to any of its floors from 26 to 48
- Chances of inability to back up and/or restore databases containing large quantities of LPR logs through ASDBManager
- False assigning of Access Groups to Users imported through ASDBManager
- Inability to automatically synchronize access schedule changes of LPR lanes, made in Access Groups, to the connected LPR devices
- Chances of increased memory loading when large numbers of access snapshots were taken by IP cameras connected via ONVIF

**Improved:**

- Enabling / disabling of users by Windows AD shall simultaneously enable / disable the access cards and/or license plates corresponding to those users on GV-ASManager
- Processing speed for merged Access Groups enhanced
- Feature Access loading time reduced

**Modified:**

- Only allowing to display one regular Patrol Tour (not Group or Rolling Patrol Tours) at a time in Patrol Tour Monitor
- Changing the max. limit of LPR logs from 8 to 6 million
- Increasing the max. duration of IO-Box Pulse Mode from 60 to 255 seconds
- Detailing the names and types of data imported in User Action Log when importing Users, Cards and/or Vehicles
- Inversing Usernames received from GV-ASManager on GV-FR2020 when its language was set to Hebrew or Persian
- Copyright notices added to the Installer and accessible within the software directory
- Audio codec changed to MP3

GV-ASNotify**New:**

- Support for Busy status display when the connected GV-CS1320 (V3.05 or later) / CR1320 (V1.06) or later has an active SIP communication

**Improved:**

- Stopping ringing of all GV-ASNotify (V5.3.1 or later) when one of the GV-ASNotify and/or GV-Access (V1.3.0 or later) has answered the incoming call from the connected GV-CS1320 / CR1320

**Modified:**

- Copyright notices added to the Installer and accessible within the software directory
- Certain audio codec removed



### V5.3.0 2020-04-22

#### **New:**

- Support for merging multiple Access Groups into one
- Support for Software License
- Support for floor-specific release schedules for GV-EV48
- Support for machine-learning and deep-learning based license plate recognition settings

#### **Fixed:**

- Inability to select and save the settings of “Release by Card” on GV-ASWeb and reflect the same settings when it was selected on GV-ASManager
- Inability to load the data of “Time Card List” on GV-TAWeb when there was an abundance of data
- False displaying of error messages upon uploading data to GV-Face Recognition with “Feature Access”
- Inability to send out test mails with “Mail Configuration Test” on GV-ASWeb
- Inability to search for logs with “Activation and Deactivation date” filters on GV-ASWeb when using Microsoft SQL Server database
- Inability to display “User Area” data within “User List” on GV-ASWeb
- Inability to enroll faces to GV-Face Recognition Cameras by the “add log images” function in User Settings on GV-ASWeb
- Inability to clear “Card number” data within “Vehicle List” on GV-ASWeb

#### **Modified:**

- Restricting operators of a data group to assign access groups not belonging to that data group

### V5.2.0 2019-11-01

#### **New:**

- Support for face-recognition based access management with integration of GV-Face Recognition Cameras / GV-FR Server (Coming Soon) for face-recognition
- Highlighting of certain access group(s) in Access Monitor window



- Support for sending e-mail alerts upon access by the users set
- Support for adding a user-defined note upon clearing events into User Action log
- Support for 3D E-map and real-time access logs in Map Monitoring of GV-ASWeb
- Support for rolling patrol tours, where the security staff are required to check in repeatedly at the time interval(s) set
- Recording of Feature Access events added to User Action Log
- Support for GV-AS1620
- Support for connecting to and remote playback from GV-Recording Server

**Fixed:**

- Chances of inability to response upon closing of GV-ASManager
- Inability to add visitor(s) on GV-VMWeb with an "Internal Error" message displayed when SQL database was used
- Sending / receiving GV-ASManager reports on days not specified on Export Schedule
- Chances of displaying "Internal Error" when Feature Access Setting was closed and reopened within a short time span

**Modified:**

- Rewording of error messages displayed when unable to connect to controllers
- Snapshots of vehicle license plates not displayed upon access events when under Card Mode
- Sending of SMS alerts removed from User settings

**Improved:**

- Controllers able to record the movements of users and/or vehicles from one area to another when disconnected and update them to GV-ASManager upon reconnecting
- Ability to add access card data to registered vehicles in LPR access log
- Increased support of up to 16 channels for each GV-Video Server / Compact DVR / SNVR connected

GV-ASNotify**Improved:**

- Stopping ringing of an incoming call from GV-ASManager on all GV-ASNotify when one of them has answered the call



### V5.1.1 2019-04-30

**Fixed:**

- Chances of system UI freeze when enabling “Auto Select” on different Monitor windows to focus on the latest data display
- Corrupt Excel files, attached to e-mails for exporting logs and lists on a schedule
- Live view of connected hosts inaccessible after resuming the connection
- Snapshots not attached to e-mail notifications of parking overstay
- Live view inaccessible from GV-CS1320 when repeatedly being disconnected from the network

#### GV-LPR (V5.1.2 for GV-VMS V17.1)

- Failure to disable the function of recognizing 2-line license plates when using Global Engine
- Chances of recognition failure in some lanes when using the input device to trigger the recognition
- Chances of mis-recognizing pedestrian barricades as numeral characters ‘1’
- Chances of mis-recognizing car logos as license plates
- Connection lost between GV-ASManager and the server installed with GV-LPR Plugin after an improper shutdown on the server

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**Note:** GV-LPR Plugin for GV-DVR/NVR V8.7.4.0 or later is only compatible with GV-ASManager 5.0.2.0. For updates of GV-LPR Plugin for GV-DVR/NVR, see [V5.0.2.0 2018-02-02](#).

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## V5.1.0 2019-01-07

### New:

- Support for GV-CR1320
- Patrol Tour features:
  - Group Patrol Tour allowing any patrol cards in the group being presented at the assigned patrol point to be counted as attendance during the specified time period
  - Repeat button added to duplicate the selected patrol point in Patrol Tour
  - Support for GV-Patrol App (Android) with an appropriate USB Dongle
- Corresponding floor icon flashing when an I/O box connected to GV-EV48 is triggered
- Support for overlaying event texts on the camera view of mapped cameras from GV-VMS upon an I/O Box trigger
- Implementation of a password strength meter
- Improved user interface of Door settings
- “Expand Data Size” option to increase the maximum number of SQL server log files stored
- Support for exporting GV-ASManager’s and ASDBManager’s data in xlsx format
- Enhanced system smoothness
- Automatic synchronization with Windows’ daylight saving time
- Support for push notification calls on GV-Access mobile app through Baidu services

### GV-ASWeb

- Patrol Monitor added to access Patrol Tours
- “Time Clock” option to filter time clock entries on Daily Access
- “Activation Date”, “Deactivation Date” and “User-defined Access Group” added as new filtering criteria on Access Log / Card List / LPR Log / Vehicle List

### GV-TAWeb

- Grace Period to provide flexible working time options in TA Shift Settings
- Workforce Summary displaying each employee’s total work time and days during the time period specified in a department

### GV-ASNotify

- Trigger of a popup ASNotify notification window or computer alarm upon the activation of GV-CS1320’s bell button



### GV-LPR

- Support for applying Authentication Schedule to vehicle recognition and Card Mode
- Support for vehicle authorization on GV-Visitor (Visitor Registration) and GV-VMWeb (Visitor Management)

### **Fixed:**

- Patrol logs unable to be exported in PDF format
- Web Server errors
- Outdated snapshots of cards being swiped found from:
  - GV-EBL1110 / EBL2100 / EBX2100 / EDR1110 / EDR2100 / EFD1100 / EFD2100
  - Certain H.265 camera models
- Occasional synchronization failure when synchronizing with large-scale 3<sup>rd</sup> party databases
- Occasional cases of system not responding
- Inability to reset Anti-Passback from GV-ASWeb
- Occasional codec errors

### **Changed:**

- Lock Rest Time increased to up to 600 seconds
- User photo size minimized to a resolution of 240 x 320 before sending to GV-FR2020

### **Improved:**

- Improved response time of rendering the system's user interface



## V5.0.2 2018-02-02

### Fixed:

- Support for GV-AS21 / 41 / 81 series Controller Firmware V2.00 or later
- Support for GV-CS1320 Firmware V1.00 or later
- Captured snapshots of users presenting the cards showing green images after re-logging into the Windows account when 'Run ASManagerService as a Windows Service' is enabled
- Only the first camera channel to be accessible when mapping cameras from GV-SNVR

### GV-LPR (V5.1.3.A for GV-DVR/NVR V8.8.0)

- Failure to disable the function of recognizing 2-line license plates when using Global Engine
- Chances of recognition failure in some lanes by input trigger when using Global Engine
- Chances of misrecognizing pedestrian barricades as numeral characters '1111111'
- Chances of misrecognizing car brand names as license plates
- Green image display on snapshots without recognition results

### New:

### GV-LPR (V5.1.3.A for GV-DVR/NVR V8.8.0)

- Support for Israel and Poland recognition engines
- Support for recognizing character '-' on German license plates

### Improved:

### GV-LPR (V5.1.3.A for GV-DVR/NVR V8.8.0)

- Improved recognition rate for Argentina recognition engines
- Recognition of letter 'Ü' on German license plates changed to capital letter
- Enhanced recognition accuracy for 7-character Israeli license plates





## V5.0.1 2017-11-30

### New:

- Anti-Back time added to Parking Lot Setup to prevent the same license plate number from entering or exiting the parking lot within the short time frame specified
- New information recorded in LPR Log when connecting to GV-LPR1200: SD card full and SD card writing failed
- GV-AS 21 / 41 / 81 series Controller and GV-CS1320 Firmware V2.00 or earlier unable to connect to GV-ASManager

### Fixed:

- System failure caused by GeoWebServer.exe
- Failure to synchronize SQL Server with GV-ASManager data after some time of usage
- Message “Server Internal Error” that occurred when searching license plates on GV-ASWeb’s Vehicle List



## V5.0.0 2017-09-14

### New:

#### GV-ASManager

- Area Monitor feature to monitor all cardholder and vehicle movement
- Send Report button added to Notification Settings to continuously send notifications upon the occurrence of the Fire Status event
- Support for assigning hot keys to quickly trigger outputs
- Support for sending notification when the parking lot is full and has space now
- Anti-passback function to monitor the access into a controlled area by users
- Support for up to 100,000 cards when connecting GV-AS21 / 41 / 81 series controllers, GV-AS1520 and GV-CS1320 firmware version 2.00
- Support for connecting GV-I/O 8 / 16 Ports firmware version 1.2
- Support for connecting GV-I/O Box 4E

#### GV-ASRemote

- GV-ASRemoteWeb to remotely access Access Log and LPR log of multiple GV-ASManagers over the network

#### GV-TAWeb

- Attendance records in TA Log able to be modified manually

#### GV-ASWeb

- Area Monitor feature to monitor all cardholder and vehicle movements
- Support for defining areas for the Area Monitor feature on e-maps
- GV-I/O Box log query
- Support for displaying driving routes of recognized vehicles with their license plate numbers on LPR Log



## **Improved:**

### GV-ASManager

- 6 custom card data fields added to Edit the Card / New a Card for card data entry
- Ability to duplicate the current access group settings to the user-defined access group
- Job codes of GV-AS1010 increased from 32 to 50
- Support for synchronizing GV-VMS's camera names on the Camera List
- Ability to restore monitoring windows from the last session upon restarting GV-ASManager
- New information recorded in Access Log: card entry and double entry renamed from APB: Duplicate Entries

### GV-ASRemote

- Ability to restore monitoring windows from the last session upon restarting GV-ASRemote

### GV-TAWeb

- Show Detailed Punch option added to Time Card List to display the detailed information of every punch time

### GV-ASWeb

- New information recorded in Access Log: card entry and double entry renamed from APB: Duplicate Entries
- Timeline of security guides' patrol activities displayed on GV-ASWeb's Patrol Tour

## **Fixed:**

- Sudden disconnection between GV-CS1320 and GV-ASManager upon triggering the door bell, resulting from the controller data unable to be sent over LAN
- GV-ASManager suddenly terminated after clicking on its user interface elements when connecting to GV-VMS / NVR through CMS Service

## **Changed:**

- Ceased LPR Plugin V5000's support for GV-LPR USB Dongle (Blue) to activate the LPR Plugin program



#### V4.4.3 2017-01-12

##### **New:**

- Support for GV-FR2020
- Support for displaying snapshots of the Door Lock and Door Unlock events in the Titles tab of Event Monitor
- GV-TAWeb: Second overtime period added to TA Shift Settings

##### **Changed:**

- End of support for GV-AS100 / 110 / 120
- Removed support for GV-GF Fingerprint Readers to connect through RS-485 to GV-AS Controllers

##### **Fixed:**

- Inability to start LPR Plug-in Service from the last session after the computer is abnormally shutdown
- Inability to capture full-frame snapshots of LPR's deinterlaced videos in LPR View
- Failure to display the list of connected controllers / LPR devices properly when connecting to GV-VMS / NVR / DVR
- System failure when license plate recognition is performing along with video playback over a period of time

##### **Improved:**

- Cardholder's name added to Recognition items to export through RS-232 on GV-DVR LPR and GV-VMS LPR
- GV-TAWeb: Support for exporting each user's records in the Time Card List as a separate excel file and HTML
- Enhanced playback smoothness



#### V4.4.2 2016-10-11

##### **New:**

- Support for receiving Push Notification of GV-CS1320 firmware V1.11's doorbell calls on GV-Access V1.1
- Support for GV-RU9003 UHF reader
- Support for recognition of Moroccan car license plates
- Ceased support for Windows XP and Vista
- A remote card printing feature added to GV-ASWeb
- A Card Status field added to map the field between the GV-ASManager database and the source database

##### **Fixed:**

- Failure to display the code types when setting the mapping relations for cards between the GV-ASManager database and the source database
- Inability to override the used colors when specifying the holiday dates on GV-ASWeb

#### V4.4.1 2016-08-09

##### **New:**

- Support for GV-AS2121
- Job Code function (for GV-AS1010 firmware V1.3 only)
- Support for adding barcode when designing template for printing access card
- Support for up to 100,000 cards when using GV-AS2121
- Support for applying the authentication schedule and exit button schedule of one door to all controllers
- Support for displaying the user profile picture in Access Monitor and Event Monitor
- Support for interface in Serbian

##### **Fixed:**

- Inability to modify the port of Web Server when the default 80 port is occupied
- Malfunction of the Card Reader button for enrolling cards using GV-PCR310 Enrollment Reader in GV-VMWeb

**Changed:**

- End of support for GV-AS200

**V4.4.0 2016-06-01****New:**

- Support for up to 3 special days when setting Authentication Schedule and Exit Button Schedule
- Force Unlock function in Remote LockDown App
- Support for setting a schedule to automatically back up database in ASDBManager
- Support for including drive direction of LPR lanes in the content of e-mail or SMS notification upon events
- New column in User List to show the number of fingerprints enrolled for the user
- eMap functions added to Monitor page of GV-ASWeb
- New columns in Event Monitor to show the operator associated with the event and the card used for triggering the event
- User Action Log and System Log tabs added to Notification Setting page
- Support for sending notification when a vehicle exceeds the maximum stay time of the parking lot
- Support for H.265
- Support for setting an export schedule in GV-ASWeb to automatically export lists and logs to e-mail addresses
- Share Space function in parking lot setup page where multiple vehicles can share a set of parking spaces
- Support for triggering the specified output upon an LPR event
- Support for modifying plate number, adding new vehicle, and editing vehicle information in LPR Monitor and Parking Monitor
- 6 user-defined fields added to vehicle setting page
- Vehicles denied access shown under the History section of Parking Monitor
- Support for detecting license plates upon motion detection during the time period when the specified input is triggered
- Support for accessing GV-ASWeb using mobile devices for the following functions: monitoring controller/LPR status, door/lane operations, live video, live logs.

**Fixed:**

- Camera field not enabled in LPR Log of GV-ASWeb under default settings

**V4.3.5 2015-12-07****New:**

- Support for GV-VMS V15.10 and GV-System V8.6.2.0
- Support for GV-CS1320
- Support for GV-AS2120
- Support for GV-LPR1200
- Support for Windows 10
- Support for Japanese interface in GV-ASManager and Web interfaces
- New functions in GV-ASWeb: Notification, operator accounts, patrol tour, parking lot management, fingerprint access, card format customization
- Support for 34-bit Wiegand card formats when using GV-PCR310
- GV-ASNotify application to support two-way audio with GV-IP Cameras and bell button notification with GV-CS1320
- Support for importing excel files as source database in ASDBManager (for importing users, cards, and vehicles)
- Support for importing user photos when importing users in ASDBManager
- Designing and printing access card templates with user information and photo automatically added to the template

**Fixed:**

- Problem with accessing camera when the camera is connected through GV-System with privacy mask settings enabled on GV-System
- Inability to play back videos recorded during the last hour before the end of daylight saving times (DST)
- Problems with allowing mismatched characters function
- Holidays incorrectly displayed in TA Holiday of GV-TAWeb
- Failure to display previously added contents in the drop-down lists of Home and Business tabs of User Setup dialog box



- Problem with weekly schedule when applied to LPR devices
- Incorrect activation and deactivation dates in card list when using Russian SQL Server Database

**Improved:**

- “Sync Controller” and “Sync LPR” functions added to sync all controllers / LPRs under the ASManager
- “Clear all events” function added to Controller View for all controllers under the GV-ASManager and for individual controllers
- Buttons added to GV-VMWeb to add, delete or edit visitor cards
- Support for exporting log in PDF format in GV-ASWeb and TAWeb
- Support for backing up and restoring GV-ASManager logs and account profiles
- Search field added to Parking Lot Monitor to search license plates
- Delayed snapshot function added for LPR overview cameras

**V4.3.0 2015-04-28****New:**

- Support for accessing doors with passcode under Card Mode
- Support for changing the default storage path for saving captured snapshots
- Support for Turkish interface
- Support for Parking Lot mode
- Support for exporting of license plate snapshots to a zipped file in LPR Log of GV-ASWeb
- Support for up to six overview cameras per LPR lane
- Support for up to 100,000 vehicles in LPR database
- Support for showing input status of GV-AS Controllers in Device View and capturing snapshots upon input trigger
- Support for delaying snapshot capture after an event trigger

**Fixed:**

- SSL security issue by supporting TLS V1 only



**Improved:**

- Apply All buttons to apply Exit Button Schedule and Authentication Schedule to all doors
- Support for searching GV-AS Controllers / GV-DVR LPR / GV-DSP LPR on the LAN when adding devices

**V4.2.3 2014-10-07****New:**

- Support for Hebrew interface
- Remote Lock Down App to lock down the doors of all connected GV-ASManagers

**Improved:**

- Support for specifying the hours and minutes of the selected start date and end date when looking up logs in GV-ASWeb
- Option added to TA Schedule to allow not specifying an end date when assigning templates
- Support for editing the Business and User Define tabs of multiple users simultaneously
- Updated LPR engine for the following countries
  - Argentina (V6018)
  - Austria (6018)
  - Belgium (V6018)
  - Bulgaria (V6018)
  - Czech (V6018)
  - France (V6018)
  - Germany (V6018)
  - Global (V6018)
  - Hungary (V6018)
  - Ireland (V6018)
  - Poland (V6018)
  - Portugal (V6018)
  - Russia (V6018)
  - Slovakia (V6018)
  - Spain (V6018)



## V4.2.2 2014-08-06

### New:

- Keep Days function for Log data
- Monitor function added in GV-ASWeb to manage controllers, doors / lanes and access logs
- Sending forgotten password to the email address associated with the account
- Keyword function in Vehicle Hotlist to highlight vehicle when any parts of the license plate match the keyword
- Support for Web SDK
- Automatically disabling user accounts and the associated cards / vehicles when the accounts have been disabled on Active Directory server
- Support for specifying the Last Day of Employment on a user account, which will deactivate all cards associated with the account on that day

### Improved:

- Button for creating a new card added to the user setup page
- Button for enrolling cards using GV-PCR310 Enrollment Reader added to the card setup page

### Fixed:

- Inability to connect to GV-ASWeb using the shortcut in Controller/LPR List when the Web Server port is not the default 80 port

### Changed:

- Division field added to user setup page and GV-TAWeb
- Updated LPR engine for Russia (V6017) and Taiwan (V4558)
- Support for using a question mark to represent any character or digit when searching license plates in LPR Log
- New cards and new vehicles can now be added without specifying an activation date



#### V4.2.1 2014-04-29

##### **New:**

- Support for GV-System V8.5.9.0
- Support for defining hot keys to control connected doors
- Urgent Code function to unlock the associated door when the Urgent Code is entered (GV-AS210 / 410 / 810 only)
- Schedule for exit button to specify when to allow access to the exit button (GV-AS210 / 410 / 810 only)
- Support for setting two break times in GV-TAWeb
- Displaying low battery icon in device list when the controller's internal battery is out of battery (GV-AS100 / 400 only)
- Support for LPR engine for Qatar (V3.1.2.2)

##### **Improved:**

- Support for assigning daily work schedule to multiple users at a time in GV-TAWeb
- Link added for connecting to GV-ASWeb
- Automatic re-synchronization of settings to GV-AS Controller when the controller resumes power after a power disruption where the internal battery runs out (GV-AS100 / 400)

##### **Changed:**

- Automatic setting of start and end time for daylight saving time after time zone is selected



## V4.2.0 2014-01-09

### New:

- Onsite and remote fingerprint enrollment through TCP/IP connection using GV-GF1921 / 1922
- Support for adding card using GV-PCR310 Enrollment Reader from GV-ASWeb
- Lock Down function for connected doors
- Support for disabling Lock Card Time function for the selected cards
- Support for running specific application upon triggering of the specified alert conditions
- GV-Access mobile applications to manage the doors and lanes of up to 5 GV-ASManager
- Support for exporting GV-ASWeb log in zip file
- Support for vehicle hotlist for identifying stolen vehicles or other vehicles of interest
- Support for GV-System V8.5.8.0
- Support for LPR SDK

### Fixed:

- Inability to start GV-ASManager when DNSClient is opened
- Inability to display Punch In/Out Time in GV-TAWeb after upgrading from GV-ASManager V4.0 to V4.1

### Improved:

- Support for connecting up to 1000 GV-AS / GV-EV Controllers
- Support for interlocking a door with multiple doors of the same controller
- Support for identifying the card number using GV-PCR310 Enrollment Reader from GV-VMWeb
- Support for capturing pictures of license plates without LPR dongle inserted in the GV-DVR LPR
- Support for searching normal attendance activities using Time Card List function in TA Report in GV-TAWeb (Exception function renamed to Time Card List)



## V4.1.0 2013-08-22

### New:

- Support for GV-EV48 Elevator Controller
- Support for GV-PCR310 Enrollment Reader
- Support for GV-GF1921 / 1922 Fingerprint Reader
- Support for Windows 8 (32 and 64-bit) and Windows Server 2012 (64-bit)
- Support for new user interface language: French
- Patrol Tour function that requires security staff to check in at the specified location and time
- Lock Card Time function to prevent users from re-accessing a door more than once within a specified time period
- Exporting Access Log and LPR Log to a data file for integration with 3rd party programs
- Exporting LPR data using RS-232 or using a text file on GV-DVR LPR
- GV-ASWeb: Support for Google Maps to locate controllers and LPR lanes
- GV-TAWeb: Access Log function to see attendance records in TA Report
- GV-TAWeb: Support for setting Break Time, which will not be counted toward Work Hours

### Fixed:

- Occasional failure to send snapshots in email notifications after one or more cameras have been mapped to the door
- Incorrect display where GV-AS200 is shown as not supported when adding new cards using Card List function in GV-ASWeb

### Improved:

- Auto Login function
- Support for customizing LPR recognition engine for each LPR lane
- Support for multiple recognition cameras for one LPR lane
- Supported length of login username and password extended to up to 32 characters



## V4.0.0 2012-10-23

### New:

- Support for license plate recognition (LPR) functions
- Support for GV-AS210 / 810
- Support for GV-GF1911 / GV-GF1912
- Support for GV-CR420
- Support for GV-System V8.5.5.0
- Support for exporting and importing fingerprint data
- Support for Release All Doors by Card function

### Fixed:

- Support for 4 free controllers without USB dongle
- Support for 0-port USB Dongle

## V3.0.0 2012-09-06

### New:

- Support for GV-System V8.5.0.0
- Support for brand-new GV-AS120
- Support connection to third-party IP cameras using ONVIF, PSIA and RTSP protocols
- Support for only requiring access card to unlock entry or exit door under Card and PIN mode
- Data group to limit users to accessing only settings and data assigned in a data group
- Setting controllers, cameras, time zone, holiday, schedule and access group remotely using GV-ASWeb
- Visitor self registration through Web interface
- Webcam function to take snapshot for user profile picture
- Door group to upload fingerprint data to multiple controllers
- Auto check out of visitor card when presented at the exit door

**Fixed:**

- Occasional GV-ASManager crash during alarm trigger when using SQL database

**Changed:**

- Support for third-party IP cameras without USB dongle

**V2.3.0 2011-01-18****New:**

- GV-VMWeb to manage visitors' profiles and access
- GV-TAWeb to manage employees' work schedule, attendance record and payroll
- Support for handicap card
- Support for release by card during release mode
- I/O log query using GV-ASWeb
- I/O naming in GV-AS100 and GV-AS110
- Card/Cardholder registration and deletion remotely using GV-ASWeb
- Support for Windows 7 and Server 2008
- Support for 64-bit operating systems
- Support for GV-System V8.4.0.0
- Support for GV-ASNet
- Support for GV-AS110

**Improved:**

- GV-ASWeb interface

**Changed:**

- GV-ASManager Service to run GV-ASManager in the background
- Support for Two-Person Rule by door in the order of Card A followed by Card B
- Support for all GeoVision IP cameras without using a USB dongle (GV-Fisheye IP Camera is not supported)



### V2.1.1 2009-11-03

#### Fixed:

- System failure that occurred when creating or editing a cardholder. This problem only occurred on the GV-ASManager which was upgraded from version 2.0 or earlier

### V2.1.0 2009-10-12

#### New:

- Support for GV-AS100 with GV-ASBox
- Support for GV-AS400
- Global Anti-Passback to track the cardholder around the site
- Support for enrolling fingerprints
- Support for Active Directory database
- Information of the cards a cardholder is assigned and the cards a door will grant access available on the ASWeb

#### Improved:

- Number of cards supported that was increased from 10,000 to 40,000

#### Changed:

- Support for one controller control without using a USB dongle





## V2.0.0 2009-05-25

### New:

- Support for Microsoft SQL server
- Anti-Passback reset
- Up to two cameras allowed for the Preset Go function upon event trigger
- 3D live view in the MultiView window
- Support for different calendar systems
- New Live Video functions: Best Fit, Actual Size, Zoom In/Out and Thumbnail View
- Display of disconnection messages in the Status column of the Device View window

### Fixed:

- Failure to work with LocalDDNS server
- Login failure when the set password exceeded 4 characters
- Failure to completely upload card data to GV-AS200 Controller

### Improved:

- Number of the cameras mapped for a door that was increased from 1 to 2
- Time length of triggered recordings that is adjustable between 1 and 300 seconds

### Changed:

- ASLog GUI interface

## V1.2.0 2008-11-17

### Fixed:

- RS-485 connection problem occurred when a large amount of data were transferred from GV-AS200 Controller to GV-ASManager

### Improved:

- Increased the maximum value in "Held Open Time" from 255 sec. to 9999 sec.
- Improved TCP/IP connection



## V1.1.0 2008-06-04

### New:

- Video integration with GeoVision IP products (GV-IP Camera, GV-Compact DVR, GV-NVR) and certain third-party IP cameras
- Support for default Door and Card password
- SMS and e-mail alerts with programmed messages selected by the user
- Event-triggered recording of GV-System, GV-NVR, GV-Compact DVR and GV-Video Server
- Pop-up live view triggered by events
- "Camera List" window on the main screen
- "Matrix View" on the MultiView window
- SMS alerts whenever specified cards are presented
- Up to 10 customized fields for cardholder data entry
- Customized cardholder data fields available for filtering conditions on ASWeb
- Display of video snapshot and cardholder photo together on ASWeb for identify proof

### Improved:

- Fixed cardholder photo to 256 x 256
- Added fields "First Name" and "Last Name" for cardholder data entry
- Long SMS text messages to be split up to 9 messages and sent out as multiple messages
- Improved display and selection for "Notification Setting"
- All cardholder data entered in the combo box (drop-down list) to be held for reference and later selection
- Up to 3 recipients for SMS alerts
- Improved search function in the Card List and Cardholder List dialog boxes
- A warning message to be displayed if fields "Host Name" and "Camera" are empty when you set Camera Mapping.

### Changed:

- ASServer renamed to ASManager
- ASClient renamed to ASRemote
- Time Schedule renamed to Authentication Schedule



- Interzone renamed to Interlock
- Persons renamed to Personnel
- Card or Keypad Mode renamed to Card or Common Mode
- Removed the function of importing card and cardholder data using OLE DB (Object Linking and Embedding, Database)