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GV-Control Center Version History

GV-Control Center Version 3.5.0.0 2017-12-07

New:

- Support for GV-PPTZ7300
- Support for connecting with GV-I/O Box 4E
- Support for GPU decoding on the 7th Generation Kaby Lake platform
- Support for GPU decoding to be performed on both the on-board and external VGA cards on Video Wall
- Access right of Instant Play added to Account Setup
- Ability to restore the default main window layout
- Camera names to be searchable in the Host List or Group List
- Support for the Audio function on the Live View with GV-SNVR hosts
- Support for dual streaming of cameras connected through ONVIF on Single Live View, Matrix View or Video Wall
- Choice of 1-division layout added to the VMD window
- Display of pop-up live views upon motion detection on the VMD window of Video Wall
- Video Wall server to be accessed by multiple users simultaneously while the Administrator has the highest access level among all other user accounts
- Multicast feature to perform video broadcast with GV-VMS V17.1
- AES encryption to secure data and video playback transmission with GV-VMS V17.1

Fixed:

- Only one camera being displayed in the Host List of Video Motion Detection (VMD)
- I/O connection status of Standard I/O List not corresponding to that of Advanced I/O List in the I/O Central Panel
- Image freeze on Matrix View when using Camera Scan in 6-channel division with over 12 channels
- Unrecognized camera images with a 704 x 480 resolution through RTSP protocol on Matrix View
- Black screen error after repeatedly switching camera streams on Matrix
- Long loading time issue with Matrix



- Flipped camera images shown after applying the Text overlay or Heat Map settings and Stream 2 setting to the resolution of 640 x 608 under 6-channel division on Matrix View when connecting to GV-VMS
- Flickering of images on the Matrix due to GV-Keyboard disconnecting from the system
- Error message of “Codec Error” in Live View or Single View or image freeze on Matrix View or Video Wall when Fisheye cameras are connected to GV-Control Center via GV-DVR / NVR / VMS
- Live view freezing on Video Wall when IP cameras are directly connected to GV-Control Center through RTSP protocol
- Failure to activate Fisheye dewarping beyond 17 channels on Video Wall
- Black screen shown on the preview settings of Fisheye when connecting to fisheye cameras from GV-NVR on Video Wall
- Mouse pointer moving upward after activating a channel of the PTZ camera on Video Wall
- Video Wall Server incapable of being uninstalled from Control Panel
- Black screen error when using Video Wall Remote Desktop Service
- Blank screen shown on the E-map Editor window and Remote E-Map window where e-map data cannot be retrieved
- E-Map data unable to refresh automatically on the E-Map Editor after restarting Control Center Service on GV-VMS
- Last column of the access rights going blank on Authentication Center’s Account Management
- Live view of the group in the GV-Control Center’s Group List not closed immediately after the same group is deleted from the Authentication Center
- Latest user account settings edited from Authentication Center’s Account Management not applied immediately to GV-Control Center
- Inability to access backup video events from Remote ViewLog through EZViewlog500
- Events after 23:00 missing in the event list when retrieving recordings of more than 1 day from GV-SNVR using GV-Control Center’s Remote ViewLog
- Problem with inter-stream switching on dewarped fisheye images when connecting to GV-VMS
- Disconnection problem when IP cameras connected to GV-Control Center through RTSP protocol are dragged to the Scan Window
- Issues with access rights available for unauthorized users



- Failure to display the results of the Search Host window when the results consist of Simplified Chinese names for GV-IP cameras with firmware above V3.0
- Possible failure of GV-Control Center or no camera images being displayed due to decoder and memory compatibility issues
- Loading problem caused by creating too many hosts or groups on GV-Control Center
- Unnecessary consumption of the system's capacity because GV-Control Center automatically switches to main stream instead of sub stream when using 3x3 layout
- Error message "An installation support file could not be installed" that occurred when uninstalling GV-Control Center on the original Windows 10 Edition Version 1703

Changed:

- Color change in the monitoring status of GV-DVR / NVR / VMS V17.1 hosts on the Live View and Matrix windows



GV-Control Center Version 3.4.0.0 2016-12-02

New:

- Support for Microsoft Windows 10
- Support for GV-SD2322-IR
- Support for GV-VS2400 and GV-VS2420
- Support for H.265 codec and GPU decoding of H.265
- Support for smart streaming
- Support for dual streaming of GV-Fisheye Camera
- Support for dual-stream when using ONVIF protocol
- Support for saving the current live view layout and camera assignment to the Favorite list
- Support for importing and exporting live view layout
- Support for fixing the size of single live view window
- Support for push-to-talk on multi-channel live view
- Support for configuring account privileges for accessing live view
- QView Display which enables full-screen projection of single live view of GV-Control Center onto a separate monitor
- Support for displaying Heat Map data from GV-VMS on live view
- Support for displaying live video of third-party IP devices from GV-VMS without license during the trial period of GV-VMS
- Support for playing back video at a slower or faster speed in Instant Play
- Support for playing back MPEG4 files recorded by GV-NAS Systems in ViewLog
- Support for manually typing the IP address or hostname of the NAS Server
- Support for connecting to multiple GV-Authentication Servers
- Support for applying the login account of a GV-Authentication Server to all connected GV-Authentication Servers
- Support for moving the selected map up or down the map list in E-map Editor
- Support for changing the property of the view zone on Remote E-map
- Support for live view popup from GV-ASManager on Remote E-map
- Support for setting polygonal area for I/O icon on Remote E-map
- Support for locking the I/O icons on I/O Control Panel
- Support for triggering the camera live views of different hosts upon input trigger on I/O Central Panel
- Support for exporting Account and Layout Setup settings when backing up system configuration
- Option added to start mcamctrl.exe from the main screen of the GV-Control Center instead of from the program folder



Fixed:

- Inability to connect to Authentication Server
- Incorrectly translated text in Japanese interface
- Error message after starting monitoring for all devices in Matrix if there are both GV-SNVR channels and GV-VMS/DVR/NVR channels in the Group List
- Possible Matrix instability when connecting to cameras with D1 or VGA resolution
- Problem with displaying dewarped fisheye image in a Matrix Scan Window
- Possibility of Video Wall instability when a GV-FE3403 is dewarped into Quad View in Video Wall and connected by Matrix at the same time
- Matrix instability when dewarping more than 10 fisheye cameras into Quad View
- Problem with Zoom functions in PTZ Control Panel of Bullet Cameras with motorized lens
- Inability to apply image alignment settings when connecting to fisheye cameras using ONVIF protocols
- Incorrectly displaying speed as 0 when playing back videos stored on GV-System with GPS data
- Occasional blue camera view when playing back recordings in Instant Play
- Possible failure to pop up live view of cameras under VMD Group upon I/O trigger if multiple GV-I/O Boxes are connected to the host GV-VMS / DVR / NVR
- Incorrect display of I/O event date in E-map when the triggered GV-I/O Box is directly connected to the GV-Control Center
- Possibility of incorrect icon position in E-map window when the interface is in a right-to-left language (e.g. Arabic)
- Program instability after repeatedly adjusting the order and layers of the items in Group List over a prolonged period of time
- Problem with function keys and ViewLog button when managing GV-Control Center using GV-Keyboard V3
- Problem with Autorun when Windows Starts function in embedded operating systems

Changed:

- Settings for Remote Authentication Setup grayed out for Power User and User accounts under Host List by ID
- Personalizing specific matrix view startup for each user account



GV-Control Center Version 3.3.0.0 2015-07-23

New:

- New user interface icons
- Support for GV-SNVR0400F / 1600 firmware V1.1 or later
- Support for corridor-mode image rotation
- Support for GV-ASManager version 4.3 to monitor doors and vehicle lanes in Remote E-Map

Fixed:

- Failure to back up files using Remote ViewLog player
- Failure of privilege settings for cameras and audios when using Remote ViewLog player

Improved:

- I/O Central Panel: the number of camera views triggered by one input device increased from 1 to 4
- Matrix: Privilege setting interface
- Authentication Center: Video Wall access privilege available now
- Authentication Center: Synchronization of grouping cameras between Auth Center and Control Center



GV-Control Center Version 3.2.0.0 2014-12-31

New:

- Central account and access right management of multiple GV-Control Center using the Authentication Center program
- Support for GV-VMS version 14.1
- Quick access buttons for enabling and disabling monitoring of all cameras on Live View Window (only for GV-IP Devices, GV-VMS and GV-System) and the status is indicated by the device name bar on each channel
- Virtual PTZ tour for monitoring important spots on Single Live View, Live View Window, Matrix and Video Wall (only for GV-Fisheye cameras)
- User-selectable network card for host searching (if more than one network card is installed)
- Remote playback of videos from NAS

Fixed:

- Access to PTZ panel on Video Wall

Improved:

- Audio functionality on Single Live Views when triggered by an input devices on I/O Central Panel where only one camera's audio function can be enabled when more than two Single Live View windows are opened
- The maximum number of channels joined for a Panorama view from 32 to 64
- Matrix functionality where
 - settings on fisheye dewarping are automatically saved
 - cameras' monitoring status is indicated by the color of the device name bar
 - The main window where the logged-in username is indicated at bottom right
- Video Wall
 - Size adjustment of multiple channels on a layout to specified width and height
 - Size extension of a channel to full-monitor by double-clicking the channel on a layout template
 - Displayed Web page (of a Web Window) which is operable on Video Wall
 - Scan Window display setting where the window can be fixed proportionally to its original resolution using the Fixed Ratio function



GV-Control Center Version 3.1.2.0 2014-05-07

New:

- GV-Joystick V2 and GV-Keyboard V3 support on Video Wall for control of PTZ cameras, Zoom Window and Scan Window

Fixed:

- System failure caused by computer overload on the Video Wall
- Failure of an input triggering a camera when the camera is also assigned to other input devices

Improved:

- Support for switch between Focus In / Focus Out and Open Iris / Close Iris functions using GV-Keyboard V3 on Matrix View



GV-Control Center Version 3.1.1.0 2013-11-25

New:

- Support for icon change on remote E-Map
- Support for instant playback of recordings from GV-Recording Server (V1230 or later)
- Support for third-party fisheye dewarping - Support for Intel Haswell CPU for GPU decoding

Improved:

- Dewarped fisheye view which is no longer restricted to the size of the monitor and can fill the size of the assigned Video Wall



GV-Control Center Version 3.1.0.0 2013-06-24

New:

- Support for Windows 8 (32-bit and 64-bit) and Windows Server 2012 (64-bit)
- Support for batch functions for managing mass number of GV IP devices
- Support for import and export of system settings

Video Wall:

- Remote desktop display on Video Wall to display a customized view region of a remote desktop
- Recording playback on Video Wall to play back up to 16 recordings using the Remote ViewLog player or Windows Media player
- Web page display on Video Wall where up to 16 web pages can be displayed
- Remote version update of Video Wall servers

Improved:

- Support for captions on Video Wall
- Camera display on Matrix in which the Control Center automatically attempts to reconnect to lost channels that have been disconnected due to delayed streaming
- Playback of Remote E-Map events on Instant Play window on Control Center's main window
- GPU decoding efficiency and reduced memory usage by GV-Control Center

Changed:

- Blurry display of a camera when it is switched from multi-channel division to full screen on Matrix
- Ineffective audio broadcast setting in which the host can still receive audio input when audio broadcast is disabled for the host
- Possible frozen Audio Broadcast interface when a mass number of hosts, using domain name for connection, disconnect from Control Center at the same time
- Possible blank display of a remote desktop on Control Center when the remote server's screen resolution is set as 1366 x 768



GV-Control Center Version 3.0.3.0 2012-10-30

New:

- Support for dewarped live view on third-party fisheye cameras on Single Live View, Matrix and Video Wall
- Support for multiple Administrator, Power User and User accounts with customizable access rights

Fixed:

- Panorama
 - Support for Panorama Views using live views that do not have overlapped areas (but of the same resolution)
- Single Live View
 - Support for recording playback from the Single Live View window
- Live View Window
 - A Favorite Screen Division button to provide quick access to a preferred screen division setting
 - Support for three display modes which include full monitor display, proportional display and fit-the-window display
- Remote E-Map
 - Live view position which can now be displayed on Video Wall or on Live View window
 - Alert signal with the blinking of a predefined area on E-Map when the associated input is triggered
 - Visual illustration of camera surveillance zones
 - E-Map Editor window where the floor plan can be displayed in different sizes using the Zoom In, Zoom Out, Fit to Screen and Actual Size buttons on the toolbar
 - E-Map window where I/O and motion events can be played back from the Host Information dialog box



- Video Wall
 - Live view display proportional to its source video
 - Support for Wide Angle Lens Dewarping with which distorted live views can be adjusted
- Matrix
 - Control of Users and Power Users' access right to Group folders
- Audio
 - Audio communication where the operator can engage in two-way communications with a selected host
- I/O Central Panel
 - I/O Central Panel window where the inputs can be clicked to instantly access live view, host information and to play back I/O events

Changed:

- Hardware requirement in which the Advanced Video Process functions (Defog, Panorama and Video Stabilizer) no longer requires a dongle



GV-Control Center Version 3.0.0.0 2012-04-23

New:

- New user interface
- Support for 15 new languages: Arabic, Bulgarian, Dutch, Finland, Greek, Indonesian, Lithuanian, Norwegian, Persian, Romanian, Slovakian, Slovenian, Sweden, Thai and Turkish
- Support for 11 new GeoVision models and 8 new third-party IP camera models

GeoVision IP Camera

Box Camera	GV-BX140DW
Wireless Cube Camera	GV-CBW120/220
Fisheye Rugged Camera	GV-FER520/521
Mini Fixed Rugged Dome	GV-MDR120 / 220 / 320 / 520
Mini Fixed Dome	GV-MFD140
Speed Dome Camera	GV-SD220

Third-Party IP Camera

ACTi	KCM5211
	KCM5311
LG	LSW2010F-P
	LW345-FP
Panasonic	DG-SP304V
	DG-SF334
Sony	SNC-ER580
	SNC-ER521

- Video Wall feature which allows for image display on multiple monitors
- Host Search feature in which third-party IP devices that support PSIA or ONVIF can be detected
- Application Position feature which is a visual tool for arranging application windows on GV-Control Center interface
- 8 interface color themes



Fixed:

- Matrix
 - Broken image under the internet
- E-Map
 - Possible failure of Previous and Next buttons on the E-Map window
 - Possible failure of signaling motion and I/O trigger events on E-Map

Improved:

- Automatic loading of last Audio Broadcast window settings when the function is started
- Adjustable levels of Video attributes which are now increased to 100
- Enhanced smoothness of object tracking in Fisheye view
- 180 degree Fisheye view image in which the height can be optionally set longer when the Camera Position is set to "Wall Mount"
- Support for Matrix Switch feature when access from GV-Keyboard with which a function key can be set up to switch to the next, previous or a designated Matrix View
- Configurable display duration for temperature and I/O trigger popup on VMD window

Changed:

- Firmware naming upgraded from V8530 to the current V3.0
- Wording "Critical temperature" to "Critical Internal Temperature"
- End of support for IP Matrix and Multi Screens