



# ELAN Release Notes

Version 8.0 for SC Controllers

Build 278

December 12, 2016

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# ELAN v8.0 Overview

Elan Control 8.0 is a significant upgrade to the Elan Home Control software platform. It builds on the g! 7.3 software and incorporates several new features and CER fixes for issues reported from the field.

The software release includes:

- New User Interface (New Themes)
  - New Media Tab User Interface
  - New Streaming Interface User Interface
  - 4 Custom Tabs
  - New Icons for Tabs & Subsystems
- Dynamic Zone Grouping
  - Quickly group zones 'on the fly', toggle between standard zone view and grouping snapshot.
- Zone Sleep Timer
  - Select timer option to turn off your zone at predefined intervals.
- Calendar integration.
  - Integrate Microsoft Outlook, Gmail and Apple iCal/iCloud calendars with the new ELAN calendar module.
- Amazon Echo integration
  - Utilize Amazon Echo to trigger Event Maps with voice commands.
- Dynamic Video Transcoding
  - Pull high bitrate video from popular cameras and door stations and ELAN 8.0 will dynamically transcode the video in real-time to ensure high quality and deliverability to mobile clients.
- Elan Virtual TV Monitor
  - Route encoded video to your TP4/7/12. Access available overlay controls with tap, swipe, or proximity
- Intercom Enhancements:
  - Initiate paging from a remote device.
  - Doorbell Preview screen to see who's at the door before answering
- Niles Auriel Streaming Access
  - Auriel 2.0 Streaming Media Server is now available in Elan Control with attached MRC6430 unit.
- New Door Control
  - Virtual Buttons to control and be triggered by relays.
    - IO Momentary
    - IP Toggle
    - Lighting
    - Security Zone Output toggle
- New Channel Guide with Metadata Services
  - Synchronize US/Canada TV Listings, TV Channel Icons and show metadata
- User-Managed TV Favorites
  - Let users manage their TV favorites lists from any ELAN interface.

- Enhanced Home Page Templates with new Calendar
- Updated Custom Page Controls:
  - Dimmer Controls are streamlined and provide clearer feedback
  - Toggle Controls have been streamlined
- g! Licensing Updates
  - g! as master will allow use of 2 AVRs, up from 1
  - Increased number of allowed cameras from 3 to 4
  - Gefen no longer subject to 3<sup>rd</sup> party restrictions
- Hayward Pool Control driver
- DISH Network Two-Way Set Top Box driver
- Denon HEOS driver
- Nest Thermostat Update
  - “Eco Temperature” support added
- AVR Driver Refresh for 2016 AVR Models
  - Denon: S720W, S920W, X1300W, X2300W, X3300W, X4300H, X6300H
  - Integra: DRX-2, DRX-3, DRX-4, DRX-5
  - Marantz: NR1607, SR5011, SR6011, SR7011, AV7703
  - Onkyo: NR555, NR656, NR757, RZ610, RZ710, RZ810
  - Yamaha: RX-A660, 760, 860, 1060, 2060, 3060, 681, 781
- **Notes:**
  - **Some new 8.0 functionality exists only in the ELAN 8.0 “Neo” themes.**
  - **Due to graphics processing requirements, TSx touchpanels cannot run the “Neo” themes. The “Neo” themes will be hidden on these devices.**
  - **MAC, Android, and iOS Viewers must be updated manually.**
  - **PC Viewer requires OpenGL 2.0 or higher. There is a known crash in WinXP Using OpenGL 1.1**
  - **Latest Clients must be installed to access all available features.**
  - **The TP4 Viewer has been updated to include an adjustment to the operation of the proximity sensor. The TP4 MUST be power cycled after applying this update**

	<p><b>Important Notes:</b></p> <ul style="list-style-type: none"> <li>• This release of version g! software is not supported for use on legacy HomeBrick, MultiBrick, or HC Series controllers.</li> <li>• This release is not supported for restoring a configuration file from version 4.0 or version 5.0 HomeBrick or MultiBrick controllers.</li> <li>• This release is not supported for restoring a configuration file from version 6.8 and below HC controllers.</li> <li>• Only features specifically listed above are included in this release.</li> </ul>
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## g!Tools System Requirements

- PC running Windows XP Service Pack 2 or later, Windows Vista, Windows 7, Windows 10
- 128MB RAM
- 1GB free disk space (complete library download)

## Installation Instructions

The g!Tools software is the tool that dealers use to connect to ELAN systems from either a network connection inside the house, or remotely over the Internet. The g!Connect software provides end-user Viewer only access to ELAN systems. Both are available for download from the ELAN Dealer website:

### g!Connect

This simplified connection management utility is intended for use by end-users. It provides Viewer access to controllers running on a local network, or remotely over the internet. This version will automatically manage Viewer software versions to allow reliable connections to the controller.

*Note: Be sure that you are logged into your PC as an administrator before proceeding with this installation.*

#### To install g!Connect download on a Windows-based PC:

1. From the g! Downloads page on the [elanhomesystems.com/dealer](http://elanhomesystems.com/dealer) website (or the Products section on the consumer website), run **g!Connect\_Setup.exe** to start the Installer.
2. Click **Next>** to proceed through the installation, and accept default settings where applicable.
3. The **g!Connect** icon is now on your desktop.

#### To install g!Connect from the system Controller on a Windows-Based PC, Macintosh, or Android Device:

1. Connect a Browser on the device to **http://[Controller's IP Address]**
2. Click on the appropriate platform under “Add g! to a Device”
3. Follow your browser platform’s usual download and install procedures
4. **g!Connect** is now available to use .

**Additionally, g!Connect for Android and iOS are available for download from Google Play and the iTunes Store, respectively.**

## **g!Tools**

This dealer/installer version of the connection management utility is intended for use by system installers and dealers. This version provides Viewer and Configurator access to controllers running on a local network or remotely over the internet. This version automatically manages Viewer and Configurator software versions to allow reliable connections to the controller. Refer to the g!Tools User Guide available on the ELAN Dealer website for details.

### **To install g!Tools:**

*Note: Be sure that you are logged in as an administrator before proceeding with this installation.*

1. From the g! Downloads page on the [elanhomesystems.com/dealer](http://elanhomesystems.com/dealer) website, run **g!Tools Setup.exe** to start the Installer.

The installation will scan your computer for prerequisite files and provide a list of those that are missing or out of date:

- The Visual C++ components are needed by the Configurator.
- The driver for SiLabs is required to perform firmware updates for ELAN equipment. Please note that this check box may be selected (indicating that the driver is not installed) even though an older version of the driver is installed on your computer. Leave the check box selected to allow the installer to update the driver.

2. Click **Next>** to proceed through the installation, and accept default settings where applicable.
3. The **g!Tools** icon is now on your desktop.

## App Structure

- SC Controllers have all Pro Apps except for the Viewer Pro App factory-installed.
- g1 Controllers include basic built-in functionality at no extra charge. Talk to your Elan Representative for full details on g1 and SC Licensing.
- SC and g1 Controllers are allowed 2 non-Elan viewers by default. A Viewer Pro App will unlock 32 non-Elan viewers

## CER Fixes in 8.0.278

- Generic HTTP Device codes cannot be assigned to override HHR buttons (11560)
- 7.1.692 Does not properly reflect Elk armed state in g! viewer (11670)
- 7.1 & 7.2 Does not save the com port when assigned to a Serial Brick (11749)
- On reboot, irrigation seasonal map defaults (11767)
- g1 remote color button universal function (11887)
- Display shown as a Zone: no options for Discrete Verify (11924)
- Missing icons from doorbell outputs (11953)
- MCU Lockup (12026)
- KP7 Cannot use same station on more than one KP7 (12028)
- 7.3.271 - Port forward enable defaults to disable on reboot (12034)
- Page and Doorbell issues with Vol level - timing of adjustments (12054)
- Elk Auto arm fails after update to 7.2.642 (12055)
- PC Viewer Pulled from Controller Crashes (12146)
- Audio zone doorbell/paging limits (12187)
- IR Library Sources - no event map option for "in use" (12254)
- Answering DS from Android (6.0.1) while in the locked state disconnects (12280)
- Snap AV Luma 500 DVR feed doesn't load when monitoring a doorstation (12292)
- Concord 4, when entering, pressing the bypass button disarms the system (12293)
- Latency issues Sony TV IP Driver (12327)
- UI issues in portrait mode on iOS (12328)
- Cool master Thermostat Number Range Too Narrow (12334)
- Docked iOS rotational issue (12352)
- SC2 lost Sense inputs and Relays after doing a HC4 to SC2 config migration. (12380)
- Adding an IR Event Map on a large system causes configurator to Pause/hang (12464)
- Sending multiple commands using scheduler with PIM GTW (12470)
- iOS 10 Lock Screen Intercom Behavior (12525)
- Android 6.0.1 (Marshmallow) Intercom Behavior (12526)
- TP4 App Restarts When you tap A specific spot. (12557)

## Known Issues and Things to Watch Out For

- Some new features not supported on legacy touchscreens. (Profile, TS7, TS10, VL10)
  - New UI Themes
  - Dynamic Zone Grouping
  - Virtual TV
  - Sleep Timer
  - Dynamic Video Transcoder
- Elan TSxx Touchscreens do not have a Theme assigned on first connection to 8.0. Dealer must go into Interfaces and select a theme for the TSxx before it will function properly.
- Elan TSxx Touchscreens must be rebooted after update to force the new client software to download
- Picture Shares need to be re-added and rescanned.
- The Controller MUST be rebooted after changing thermostat settings under Climate/Global Options
- The g1 controller's Wi-Fi does not currently recognize hidden SSIDs
- In Configurator, using multi-select and delete when the nodes of the tree are expanded can result in Configurator unexpectedly quitting. If using multi-select and delete, make sure the nodes of the tree are collapsed before performing the operation.
- After changing Code pages and adding Translations in the System Tab/Language page, any extender controllers will need to be rebooted in order to propagate the change out to the extender.
- Chinese is supported for translation with the caveat that a single string cannot have mixed Chinese and English characters. When attempting to mix Chinese and English characters, only the English characters will display. Do not mix Chinese and English characters in the same string.
- Using KP7 "Press and Hold" favorites with Sonos will not currently allow a user to save the same preset on 2 separate keypads. There is currently no workaround for this.



## Unsupported Drivers, Features, & Hardware



***Important Note:*** Only those drivers that have an Integration Note posted on the ELAN dealer website are fully supported for use with g!. ELAN is NOT responsible for proper functionality of unsupported features. The following features may or may not be fully supported in future software releases.

- Unsupported Drivers - Please see the Sunset List documentation.

## For More Information

- <http://www.elanhomesystems.com/dealer-resources/>

ELAN's Dealer website is your one-stop source for information about ELAN products. From this site, you can access software downloads and documentation, hardware documentation, a dealer forum, and links to training and sales support.

### •Online Help

The Configurator now offers page-level help. If you need instructions or field explanations while you're working with the Configurator, simply click the Help button—or press the F1 key on your keyboard.

### •Technical Support

—As always, our Technical Support staff is here to help.

#### **Tech Support Hours**

Monday - Friday: 9:00am - 7:00pm Eastern Time

#### **How to Contact Us**

Phone 1-800-472-5555

Email: [techsupport@elanhomesystems.com](mailto:techsupport@elanhomesystems.com)

# Appendix 1: History of Feature Additions By Version

Incremental patches through 7.3.571

- 7.3.565: ONVIF Fix
- 7.3.566: Sonos Favorites with KP7
- 7.3.567: Integra Half-Step Volume Fix
- 7.3.568: Clients disconnect when configurator is loading a large media tab
- 7.3.569: Clients disconnect when processing Large IR sender list
- 7.3.570: Corrected issue with PCS OCM
- 7.3.571: TP7 Hang on Video Tab

Version 7.3 Build 564

- DoorBird D101 Door Station Support (See Integration Note)
- Generic URL Video Driver (See Integration Note)
- Enhancements:
  - o Enhanced Paging functionality with the S1616. The timing of pages through the system has been greatly improved to streamline paging and reduce lag.
  - o Enhanced Network Discovery on the gTP4 and gTP12. These touch panels will now reinitiate network discovery rather than require a reboot in the event that they do not receive a DHCP address.
- List processing performance improvements with the HR2/200 and Media systems, notably Autonomic / JCoiner.
- G1 Licensing to allow for 24 lighting loads across any mix of lighting controllers.
- CER fixes (See “CER Fixes in 7.3.564”)

Version 7.3 Build 271

- Intercom Feature Updates
  - o Station-to-station monitoring
  - o Doorlock support for supported Holovision, Helios and Mobotix doorstations
  - o Event Map-able Action Buttons available on Doorstation Intercom page
  - o ELAN g1 OSD Intercom Station
  - o Attach a USB camera w/ mic to a g1 and use OSD as a full duplex audio/video Intercom station
  - o Audio Zones added to Dial Plan
  - o Remote TP4/7 now accessible in Dial Plan
  - o Remote TP4/7 can now be added to a Group
  - o Event Maps of Intercom Functions, like DND
- NEST Thermostat Support
- Lutron Caseta Lighting and Shades Support
- PCS PulseWorx Gateway Support
- SnapAV Luma Support
- AprilAire WiFi Thermostats Models 8840, 8830, 8820, 8810

- Source In User indicator
- Favorite button actions, from flyout or KP7, are now event map-able
- Event Map-able Action Buttons also available on Camera page
- Sonos driver update
  - o Sirius Canada Support Added
- New Mobile Client
  - o Save Multiple Controller Login
  - o 'Save Last Screen' returns you to where you left off (gSC2, gSC10 and g1 controllers)

#### Version 7.2 Build 642

- AVR Driver Refresh for 2015 AVR Models
  - o Denon
    - S710, S910, X1200, X2200, X3200, X4200, X6200
  - o Integra
    - DTR-20.7, 30.7, 40.7, 50.7, 60.7, DHC-60.7
  - o Marantz
    - SR7010, SR6010, SR5010, NR1606, NR1506
  - o Onkyo
    - TX-NR545, NR646, NR747, TX-RZ800, RZ900
  - o Yamaha
    - RX-A550, 750, 1050, 2050, 3050
    - CX-A5100
    - FIRST TIME EVER! YNCA RX-V series models! RX-V679, 779
- Sony XBR TV Driver
- Added AprilAire WiFi Thermostat behind unsupported. Full support expected in 7.3
- Enhancements
  - o Improved IR Download Process.
    - Implemented MD5 Checksum to only download new Hybrid IR Templates.
    - We compress the download to save bandwidth and time.

#### Version 7.2 Build 499

- Intercom
  - o The Elan g! Intercom system provides the end user with point-to-point intercom and point-to-group page functionality. The system integrates iOS and Android mobile devices, Elan TP7, Elan TP4 ( Fall 2015), PC and Mac thin clients and 3rd party SIP-based doorstations into a single easy to use system. The Elan g! Intercom system will enable communication with the front door and any configured station, whether in the home or in a remote location
  - o SIP-based Doorstation Support
    - Tested Units:
      - Holovision 414-VIO-IP (See Integration Note)
      - Holovision 511 VIP
      - Holovision 509 VI
      - 2N Helios Verso (See Integration Note)
      - Mobotix T25

- See Intercom Integration, User and Training Guides for full list of features.
- Elan TP4 Support
- Drivers
  - Sony ES STR-ZAx000ES AVR (See Integration Note)
  - Nest Thermostat (See Integration Note)
  - Heatmiser Neo (See Integration Note)
  - CoolmasterNET (See Integration Note)
  - gMV88 and gMV1616
- Enhancements
  - The Home page is now treated like any other tab in that you can have multiples or none
  - Climate page can now show other temperatures like outside temp and humidity
  - When using “IR Library Source” source power can automatically be managed (If the device has discrete power commands)
  - The IR database for IR Library sources and displays can be manually downloaded
  - The source names of devices assigned are now shown in the event mapper commands
  - Users can now pick from 6 pre-made background schemes from the settings page
  - Android video codec has been updated for cameras
  - Issues pertaining to ghosting images have been addressed
  - A Change to ONVIF to allow cameras with a basic encryption type
  - The default profile for HHR’s is now HR200 instead of HR2
  - Loading time on Retina displays has been improved
  - Channel favorites have been added to the event mapper (IR Devices ONLY)
  - Pop message field has been added in the messaging tab
  - Port forwarding
  - Toggle button text alignment has been fixed
  - Imported Channel icon colors rendering has been fixed
  - Security zones “bypass” was clickable when
  - XLIP 232 default port changed

Version 7.1 Build 692

- Finalization of gMV64 driver based on feedback after the initial release.
  - Several Functional changes
  - Several cosmetic and labeling changes
  - Firmware has been modified from initial release. Using firmware Prior to 1.13 can result in the following issues:
    - Unexpected Loss of TCP/IP connection to the UltraMatrix
    - Paging using incorrect inputs.
    - Inverted DND Buttons in the UI
    - Zone Output Mapping issues
- Tuning g1/OSD/Displays as a Zone Controller functionality.
  - Addressed issues when a Display Zone is nested under another Zone
  - Addressed issue with Display Zone Sources showing in interfaces and Event Maps
  - Addressed issues setting a Display Zone as an OSD Media Zone
- CER Bug Fixes

Version 7.1 Build 667

- Update to the g1 MCU Firmware to revision 005k in order to address an issue with simultaneous routing of IR In and IR Out. This update will only affect the Elan g1 when used with the g1REM IR remote and IR sensor.
  - Note: After installing g!7.1.667 it will take 30 minutes for the IR library to update. After 30 minutes, delete any problematic IR sources and codes. Then re-add your sources and verify.

#### Version 7.1 Build 559

- Support for the ELAN gMV64 6x4 HDMI Switcher
  - New Hardware and New Driver
- Enhancements to the Sonos Driver’s current capabilities
  - Added Support for Deezer
  - Added Support for TuneIn Radio
- Added Lua-based driver to support Aton AH66T
  - Single Chassis Mode only
  - Includes support for Built-in tuner
  - Support for sources and Zones only – IR and Attached Aton Keypads not supported
- Installer enhanced to only allow installs on correct platforms.
- gKP7 Enhancements including “Locked” Favorites
  - Press and hold will not override a locked favorite
- IR Enhancements for IR with “long” (over 200ms) codes
  - Likely to impact DirecTV, AppleTV and Xfinity
- CER Bug Fixes – Details on Page 4

#### Version 7.1 Build 367

- Support of the g1 Controller (See g1 Integration Note for full details of g1 Features):
  - Addition of OSD Support for g1
  - Addition of HLPlayer Support for g1
  - Extender Mode Support for g1
- Modified Controller Licensing Scheme
- WiFi Enhancements
  - On-Screen Configuration Utility on g1 allows for Wi-Fi configuration through g1REM
    - Options to configure hidden SSIDs.
    - Ability to configure secured and unsecured Wi-Fi networks.
  - **NOTE when switching the g1 from Wired to Wireless networking, the g1 must be rebooted.**
- Linear ONVIF Camera enhancements
  - Motion Sense detection (**Feature only available with Linear branded ONVIF Cameras**)
  - Microphone Support
- gTP7 Support
- gKP7 Support
- Updated Display configuration
  - Displays now act as a Zone Controller
- Updated Source Configuration
  - Media players consolidated under “MP3 Players”

- Sonos Driver

#### Version 7.0 Build 180

- NAS-Based DVR
  - The DVR Functionality in the g! system has been significantly overhauled. Please see the DVR Integration note for details.
- Input/Output Enhancements
  - XLIP-232 Driver for extended IR and serial control
- Lighting Enhancements
  - Added Driver for Luxom Lighting
- Video Enhancements
  - ONVIF Driver was refined to support a wider range of ONVIF cameras
- Messaging
  - Latest Firmware on GModem now supported

#### Version 6.5 Build 220:

- Media Enhancements:
  - All Zones off may be Enabled/Disabled either globally or on a zone by zone basis
  - Volume control may now be hidden on a zone by zone basis
  - New Media Driver:
    - Autonomics Media Server: Two-Way and One-Way control options
    - Denon AVR updates—New Models integrated
    - Marantz AVR Updates—New Models integrated
    - Integra/Onkyo AVR updates—New Models integrated
    - Pioneer AVR Updates—New Models integrated
    - Yamaha AVR Updates—New Models integrated
  - Fusion Ovation Media Server: Added OMS-0 support and minor features for power state, cover art and volume
- Lighting Enhancements:
  - PCS driver enhancements:
    - PIM-IP support for Ethernet control
    - Read Exported Configuration File instead of manually discovering entire network
    - Discover Individual PCS devices
    - New devices supported: KPC7 Keypad, WS1R relay wallswitch
    - PCS Customizable Scene support added so end users may modify PCS links
  - iLight Lighting Support
- Video Enhancements:
  - ICR realtime DVR driver support
  - ONVIF standard IP Camera support, allowing a wide range of cameras from many manufacturers

#### Version 6.4 Build 200:

- 24-hour clock support added to the g! system, improving the experience for users that do not utilize AM/PM.
- Minor enhancements to the g! Media tab including IR Import ease of use enhancements, a command to force sync of the Sonance iPort and viewable Media templates.

- Expanded IR Library (requires g!Tools update and download of library files—IR files are not compatible with earlier g! versions).
- Added support for Global Cache iTach and iTach Flex devices to the Input/Output subsystem.
- Added driver support for Just Add Power matrix switches to the Media subsystem, including Just Add Power IP-Serial bridge support.
- Added driver support for Wyrestorm matrix switches to the Media subsystem.
- Added driver support for new Atlona matrix switch to the media subsystem.
- Added driver support for Gefen 4x4 matrix switches to the Media subsystem.
- Added driver support for one-way control of Kaleidescape media server to the Media subsystem.
- Added drivers support for SnapAV Video, DVR and NVR devices including support for live streaming to the Video subsystem and one-way control of recorded video on the Media subsystem.
- Added fan control devices support (RA2, QS) and international keypad templates (QS) for the existing Lutron RadioRA2/ HomeWorks-QS in the Lighting subsystem.
- Added driver for CoolMaster Climate control to the Climate subsystem.
- Added feature to Carrier Infinity driver to disable Carrier schedule sync.
- Added driver support for DSC Security panel with IT-100 board to the Security subsystem.
- Added driver support for Texecom Security panel to the Security subsystem.
- Added driver support for Paradox Security panel to the Security subsystem.
- Added feature to Jandy pool driver to enable configuration of Aux Circuits.

#### Version 6.3 Build 51:

- Added support for new AVR models from Denon (4520CI), Marantz (xx07), Yamaha (Aventage xx20), Integra/Onkyo(xx.4).
- Added support for Gefen 8x8 Matrix switchers.
- Added support for Hunter XCORE Irrigation.
- Added support for new Yale Zwave lock models.
- Added support for Rako Lighting systems.
- Added support for Clipsal Lighting systems.
- Added support for Heatmiser Climate systems.

#### Version 6.2 Build 118:

- Improved weather with international forecast and current conditions available. Event map triggers available for weather alerts (hurricane warning etc.) available through Weather Underground for US and most of Europe. Current Conditions Event Maps available worldwide. See Disclaimer in 6.2 Overview.
- New Backup options include system version backup to allow future software reversions. Auto backup implemented into core module updater.
- Configurator Ease of Use enhancements. Includes re-ordering, relocation and renaming of features to make configuration easier. Additional features include tighter integration between IR/Serial codes and interfaces, and the ability to more easily duplicate interfaces, generic displays and generic zone controllers.
- Security Enhancements. This feature allows local touch screen lock out using pin codes, and moves more user settings to the Viewer.
- New Thin Client Viewers including Mac OS and OSD.
- Event Mapper Variables. Boolean flags and counters are now available for advanced event maps.



- KNX improvements and fixes. New thermostat modes supported and other minor features/fixes.
- Sunset list. Please see the separate announcements regarding driver sunset.

#### Version 6.1 Build 35:

- Thin Client Feature Improvements. The Thin Client interface has had several minor UI improvements including the addition of Interactive Calendar, more Pool Pages and improved Video controls. These features are available on all ELAN TSX touchscreens, Apple iOS devices, and Android devices.
- Improved the Extender functionality to allow IR receivers on all extenders. Note that only one IR Receiver in the system may be active at any one time.
- Expanded IP Video support. Support is now available for current Panasonic consumer and pro camera lines, new Axis IP camera and server models, and an expanded list of Vivotek cameras. See the appropriate Integration Notes for full list of models.
- Added support for Vantage InFusion. Vantage InFusion Lighting and Climate support is now available. Note that only Lighting and Climate products are supported at this time—see Integration Notes for full details.
- Improved feature support for the Logitech Media Server. New features have been added to local music for browsing with album art and saving current playlist, and support for LMS Favorites is now available. Please see the Integration Note for full details.
- Added support for new Atlona Video Switcher models to the Media subsystem.
- Added support for LifeSense thermostat for climate control in international markets.

#### Version 6.0 Build 238:

- New UI ‘Thin Client’ model. The interface has had several minor UI improvements, improved consistency, and support for ELAN TSX touchscreens, Apple iOS devices, and Android devices.
- Updated ELAN standard ‘Black’ color scheme and new color source icon library (note the version 5 ‘Black’ color scheme remains in the software as ‘Classic’).
- Full Door lock interface Full Door locks user interface for compatible Z-wave Door locks. The new interface includes lock status, control, and an event log for each lock. Additionally locks may be grouped for simplified access and control
- Updated Logitech Media Server integration. A new driver and user interface leverages Logitech’s Media Server control and functionality for their compatible media players. This provides a greater set of internet music streaming options from the g! user interface.
- Extender mode option to allow additional controllers to be utilized in g! system installations. The extender controllers will provide additional OSD, serial ports, IR input, IR output, Sense Inputs, and Relay outputs.
- Changes to the ELAN APPs to make the ELAN product more cost effective. Specifically changed are the addition of an Unlimited Viewer and more generic single zone controllers are allowed within the controllers built in functionality.
- User interface accessible settings page. A new settings page has been added to the user interface to allow end users to configure door lock passcodes and to manage system remote access.

#### Version 5.9 Build 28:

- Added support for Honeywell Ademco BPT security panels
- New operating system 6.0.14 for manufacturing continuity (SDHC memory storage card compatibility)
- Added HC Controller memory monitoring and logging for improved controller stability

#### Version 5.8 Build 32:

- Added support for the following ZWave thermostats: 2Gig CT30, RCS TZ45R, Honeywell YTH8320ZW1007/U, and Trane TZEMT400BB32MAA.
- Added basic support for the following Z-Wave door locks: Baldwin, Kwikset, Schlage, and Yale. Door lock control is via the event mapper only, a full door lock UI is planned for a future release of g!.
- Added support for Vivotek IP Cameras and Servers FD-8XXX, PZ-7XXX, PZ-8XXX, VS-8XXX
- Added support for Sonance iPort FS23 Ethernet control
- Added support for Atlona Pro2HD44/88/1616M & HDV44/1616M Video Switches
- Added support for SnapAV B100/300 Video Switches
- Added support for Xantech HD44/88 series video switches
- Added support for Denon AVR-XX13 Series AVRs
- Added support for Pioneer SC & VSX Series AVRs

#### Version 5.6 Build 32:

- Added support for Furman F1000 & F1500 and Panamax MB1000, MB1500, and M4320.

#### Version 5.5 Build 126:

- Updated Online Help and Configurator Reference Guide contents, requires g!Tools
- Enhanced g!Mobile iOS App. The iOS app version 5.5.106 adds support for irrigation and messaging. Refer to the g!Mobile integration note for details.
- Enhanced support for two displays in one zone. The two display controls are now available for control on HR2, TS7, TS10, VL10, g!Mobile small and large formats. Two display control is not available on the TS2 keypads or OSD.
- Enhanced vertical list style overview page for Media Zones. This optional display presents the media zones in a vertical list and is now available on TS7, TS10, VL10, and g!Mobile small and large formats. The vertical list control is not available on TS2, HR2, or OSD.
- Revised templates for home pages and media. The built in templates for homepages and media have been revised to conform with the new custom page layouts.

#### Version 5.4 Build 134:

- Updated Online Help contents, requires g!Connect Pro version 5.2.601 or newer.
- Added Support for two displays in one zone. Fields have been added to the zone configuration pages to allow simple control of two displays in one zone when they are to be used individually (not at the same time). Refer to the “Two Displays in One Zone” topic in the Online Help for details.
- New optional enhanced vertical list style overview page for Media Zones. This optional display presents the media zones in a vertical list on the UI and adds functionality for power, source, volume, and mute control directly from the overview list page. Refer to the “Bar Setup” topic in the Online Help for details.
- Added support for selection of alternate volume control within a zone. Fields for selection of volume control within an audio zone on a source by source basis have been added to the zone configuration page. This allows the same volume buttons on the UI to send the control commands to either the local zone (TV speakers for ex.) or a distributed zone output based on the current selected source. Refer to the “Switching Volume...” section in the Online Help for details.
- Added Volume controls to the horizontal media zone overview page.

- New enhancements to the Event Map configurator tab to help reduce programming time when creating event maps including a copy/paste commands feature and remembering last selections in the popup event map window.
- Minor Media UI and layout tweaks – note: existing HC controller ‘Load Playlist’ event map commands may need to be recreated due to this change
- Minor system-wide UI tweaks to improve consistency between all user interfaces.
- The following new drivers are available in this release of 5.4, refer to the individual integration notes for detailed information:
  - ELAN S1616A 16-zone multi-channel amplifier and controller.
  - KNX driver for integration with lighting, climate, shade, and I/O devices that comply with the KNX specification.
  - Aprilaire 8800 thermostats.
  - Lutron HomeWorks QS lighting, climate, and shade control.
  - Lutron RadioRA2 lighting, climate, and shade control.
  - Denon XX12 model AVRs
  - Marantz SRXX06 model AVRs
  - Integra XX.3 model AVRs
  - Yamaha RX-AXX10 model AVRs

#### Version 5.3 Build 175:

- Support for Chinese language translation on the g! user interfaces. Refer to the 5.3 language integration note for important details and limitations.
- Niles ICS driver for control from ELAN g! software. Refer to the Niles integration note for important information regarding this new functionality.
- iOS App enhanced to support the new features listed above.

#### Version 5.2 Build 568:

- Support for HR2 Handheld WiFi Remote
- Support for HC4 & HC8 controllers
- Support for unprotected AAC Audio file (.m4a) playback thru HC Internal Player
- Support for basic integration with an iTunes Music library thru HC Internal Player
- New model AVRs: Denon 3311, 4311, Yamaha RX-A800, 1000, 2000, 3000
- Support for Internationalization; language selection for UIs (some languages may not be supported)
- Update to PCS Pulseworx driver for hybrid keypads

#### Version 5.1 Build 401:

- Support for installation of Viewer and Pro App keys via Key Manager
- Squeezebox Touch Music Player
- Support for Shoutcast internet Radio thru HC Internal Player & Squeezebox Touch
- Support for Messaging Pro app and TTS messages. Messaging Pro requires GMOD modem.

#### Version 5.1 Build 305:

- New model AVRs: Denon 2311, Marantz SR 7002/8002 & SR6005/7005, Integra XX.1 (&Onkyo)
- New Climate integration: Wayne Dalton/Intermatic Z-Wave thermostats, Carrier Comfort Zone II
- Updates to Lighting: Lutron HomeWorks Illuminations – LAN support and XML file import
- Zone Controllers: ELAN M86, Russound ACA-E5/ZXP-E5

## Appendix 2: History of CER Fixes By Build

Version 7.3.567

- New Integra DRX half step volume correction (7.3.567 fix)
- ONVIF polling causing Configurator refresh and potential crash (7.3.565 fix)
- KP7 Cannot use same station on more than one KP7 (12028)
- ONVIF RTSP Streams Fail on Certain Cameras (11601)
- g! is not working with AXIS P55012PTZ Camera Presets (11738)
- g1 Lighting Loads limitation by manufacturer (12053)
- HR200 does not properly display Yamaha RX-A840 (YNCA) Tuner Station –Frequency (12129)
- GMV source selection from Vertical list fails (12140)
- Swiping in the flyout on a gTPx is "Difficult" (12168)
- UMX, using ARP from a display will not link up sometimes (12170)
- TP12 Viewer App Will Crash When Initiating or Receiving Intercom Calls (12179)
- TP4 Microphone Lacks Sensitivity, out of the box (12180)
- Aprilaire 8810 WiFi – Cannot increase Schedule Temps if in Celsius (12190)
- TP4/12 do not recover if no DHCP address received (12273)
- Autonomics MMS when accessed by HHR causes controller crash. JCoiner. (12276)
- TP4 Flyout "Off" Button is not functioning. (12289)
- Allow connections to more than Sonos Connects/Connect Amps (12291)
- While using intercom with a TP12 to TP12, the video feed may deteriorate after a few minutes. (12347)
- Rename Video URL and move to supported (12349)
- Black bar at bottom of TS7 when configured with Intercom (12350)

Version 7.3.271

- Missing Icons in Title Bar (11864)
- MRC Issues (11862, 11997)
- Various Intercom Doorstation Issues (11883,11931,11932)
- Page/Doorbell does not work from Generic Single Zone Controller (11755)
- Page/Doorbell out from some g1 Extenders has no output (11819)
- TP4/TP7 go offline and do not recover (11929)
- Network Issues with Sonos and Sky TV (11930)
- KNX Crash when interacting with lighting (11933)
- Lutron Homeworks QS Magnetic Low Voltage and LED Reverse Phase loads do not discover (11942,11821)
- Several Sony XBR Fixes (11898,11966,11967,11965,11964)
- MCU Lockup with Bad IR Learns (11553)
- Unreliable MRA IR (11664)
- LMS Album Artwork Issues (11731, 11824)
- Discrepancy in ONVIF PTZ local v. remote (11744)

- Bosch zone bypass issues (11807)
- GE NX Series zone bypass issues (11952)
- SC2 only allows 4 extenders (11817)
- TP4 Flyout Event Maps (11820)
- TP4 Sensor range does not match TP7 Sensor Range (11940)
- Email/Messaging Tokens Broken (11828)
- New Skins do not allow for selecting display in zones with >1 display (11829)

#### Version 7.2.639

- Yamaha now lists correct DSP Modes. (11764)
- TP7 Video Size issue addressed. (11762)
- We now compress the checksum for disarm codes on the GE NetworX 8E (PIN 9722 Works right) (11757)
- Added Cooling Setpoints for Pentair (11733)
- Somfy “Down” command is now functional (11660)
- Source Icons now render on HR2/200 (11732)
- Paradox Issues
  - Now working with EVO 192 FW 2.9 (11506)
  - Resolved disarming issues with EVO 192 FW 2.9 (11507)

#### Version 7.1.690

- Display Zone Enhancements (11529, 11270, 11555, 11546)
- XLIP-232 Multiple devices now work. (11366)
- Configurator fixes (11530, 11528, 11527)
- TS7 Rendering issues when using Groups (11481)
- Removed “Default Greeting” from Messaging (11465)

#### Version 7.1.552

- Added a driver for gMV64 6x4 HDMI Switcher
- Added LUA-Based driver for the Aton AH66T Multi-Room Audio Chassis
- Enhanced gKP7 Driver to include “Locked” Favorites
- Enhancement to the Sonos Media Player Driver.
- Fixed Ademco 128BP Arming issue on SC (11277)
- Fixed Pentair EasyTouch Pumps Page (11196)
- Fixed issues with Serial Control of HDMI Switches (Several)
- Support for Newer Chip in Napco P9600 (11186)
- Installer fixes to disallow installation of 7.1 on HC Hardware (11278)
- KNX Enhancements/Fixes (Several)

#### Version 7.1.367

- Added Driver for Sonos
- Enhanced KNX Driver to work with Vimar thermostat
- Motion and Sound Support in ONVIF for Linear Cameras
- OSD Support on g1 Controller
- Internal Media Player on g1 Controller

- Addressed iTunes Issues (10412)
- Enhanced Support for Airplay Event Maps on Autonomic (10932, 10933, 10934)
- Resolved issue with “spamming” Panamax M4315 (10931)
- Resolved issue with >10 Security Zones and History (10518)

#### Version 7.0.180

- Vastly improved Yamaha Media Streaming. (10545, several others)
- Support for Latest GModem Firmware (10383)
- Improved ONVIF Driver to support a greater range of cameras (10535)
- Fixed issues with IP camera’s record resolution (10400)
- Issues with Panasonic Pro IP Camera PTZ functionality resolved (8887)
- Issues with iOS Microphone and Messaging resolved (10222)
- Issues with IR Import and rounding of codes resolved (10152)
- Removed short term “Scan Share” options from Content (9613)

#### Version 6.5.220:

- g! DVR Issues: Record Resolution incorrect if High selected, possible crash under rapid zoom level changes (9821, 8785)
- Axis 5512 does not PTZ with latest firmware (Non-ONVIF) (9817)
- Issue with half-hour time zones (9874)
- HR2 Custom Lighting Pages all named “Keypad” (9839)
- HR2 not populating Shoutcast Genres (9805)
- History/Log seems to be loading lots of records in Configurator due to bogus number (9796)
- iPort TS2 feedback issues in 6.4 (10009)
- DSC IT-100 Possible Erroneous Feedback (9795)
- S12 Settings Write-down Issues (9778, 9698)
- Importing Issues (9777, 9930)
- Carrier Comfort Zone II Schedule Sync Issues (9671)
- Rako Presets missing (9776)
- Lighting Feedback Refresh Issue (9701)
- Vivotek Video Server Restart Issue (9682)
- Template button mapping issue (9838)
- IR Learning missing on Media tab in 6.4 (9702)

#### Version 6.4.200:

- Sonance iPort Issues: Playlist Refresh (did not resync if only playlist count changed-- 9515), Current Playing track info issue after playlist expired (8725)
- Extender Mode IR Codes not compatible with RC5 (9459)
- Update Name of Graph Object doesn’t refresh in list (9419)
- Global Cache repeating IR limitation (8801)
- Climate Grouping status feedback loss (9453)
- Integra AVR: Older units cant select comm. device in 6.3 (9481) & 40.4 missing zone 3 (9454)
- Possible Crash when HAI sends corrupted data (8906)

- DSC Can't arm Instant Mode (8870)
- Vantage Infusion discovery issue with certain keypads (9289)
- SerialBrick with specific obsolete driver pegs controller CPU (9627)
- Restore of backup with either no playlists or no voicemails won't allow new to be created (9501)
- iOS Messaging Tab Call Log does not show correct number on shield overview (9464)
- HR2 Toggle button issue (9473)
- Customizable Scene Event Mapper Issue (9470)
- Event Mapper: Timed Event Triggers not listed with other Timers (9498)
- Timed Event days appear truncated in Configurator settings (9469)
- Ademco 128BP Pulling duplicate zones (9513)

#### Version 6.3.50:

- Ademco 128BPT/FBP Issues (8927/8716/9280/9281)
- Android Galaxy Tab 7" uses different templates depending on launch orientation (9278)
- Atlona model 1616M defaults to wrong baud rate (9290)
- TS7 Hardbutton volume can cause crash (9099)
- Switch doesn't wrap text on buttons (9202)
- Manage Users button highlight issue (9218)
- HR2: Lighting control on multi-page Media Interface causes navigation issue (9291)
- ZWave Lock Force Sync issue (9292)
- iPort playlist issue (9347)
- S86/M86 WHM Issue (9338)
- S12 Event trace spamming issue (9364)
- Toggle button highlight issue w/Somfy (9204)
- Minor Feature: Ability to hide audio button on Axis P5512PTZ camera (howl if no microphone attached) (9285)

#### Version 6.2.118:

- Fix for DSC Security issues including crash and can't arm in instant mode (8864/8870)
- Fix for KNX Issues: Light Switch Control, small laptop view and half-degree increments (9227/9214/9229)
- Fix for TS2 Issue with Climate Modes reversed (9197)
- Fix for Lutron Homeworks QS: button feedback issue & Phantom Button issue (8857/8835)
- Fixes for Android Issues with Messaging Voicemail and Nexus 7 with 4.2.2 Update (9182/8938)
- Fix for Vivotek Video Resolution issue. (8874)
- Fix for Axis issues with zoom increment and crashing when many of certain cam (8980/8873)
- Fix for Lutron Tstat min temp issue (8897)
- Fix for Sony & Toshiba Video showing blue screen (8846, 8747)
- Fixes for Pentair Pool issues (8821/8840)
- Fix for Lifesense Tstats TS2 Vent Mode Issue (8831)

- Fix for iTunes Library missing certain files(8748)
- Fix for Playlist Deleted and Reappears issue (8837)
- Fixes for Composite Video In misc. issues (8783, 9007)
- Fixes for Messaging Log Sorting Issue (8808)
- Fix for Viewer crash with obsolete Escient/ViaDJ Gear (8798)
- Fix for crash caused by deleting Comfort Zone II (8734)
- Fix for Vantage InFusion issues when discovering large files and missing device testing fields (8828/8815/8853)
- Fixes for Minor Internal Player/LMS navigation issues (9213, 9188)
- Fix for issue Showing/Hiding Tabs when names in foreign language (8812)
- Fix for Lighting Periods requiring name but no longer used (9078)
- Fix for Elan DTNR/DT22 Tuner Presets in Thin Client (8852)
- Fix for Occasional issue viewing DVR (refresh clip fails and shows blue) (8841)
- Fix for Messaging Announce feature on HC Outputs and With TTS/Tokens (8839)

#### Version 6.1.35:

- Fix for Carrier Infinity Issues including multiple SAM's, heat set point adjust and Celsius display. (G!61-7979/7914)
- Fix for Channel Favorites Icons displaying even when no channel number (G!61-8723)
- Fix for Squeezebox (non-LMS) FLAC playback issue (G!61-8740)
- Fix for Generic Single Zone Controller LT license issue (G!61-8764)
- Fix for Typo on Door Lock History page (G!61-8833)
- Fix for Atlona V44m baud rate issue (G!61-8836)

#### Version 6.0.238:

- Fix for iOS and HR2 audio mode controls on settings pages GSZC (G60-8310)
- Fix for Aprilaire outside temp sensor Celsius conversion error (G60-8084)
- Fix for zone quantity limit on GE NX8E (G60-8326)
- Fix for iOS irrigation history display (G60-8215)
- Fix for HAI TStats over 12 offline (G60-8260)

#### Version 5.9.28:

- Fix for Lutron QS raise/lower issues on table top keypads (G59-8296)
- Fix for issues adding second GMOD modem (G59-8133)
- Fix for SnapAV video switch source selection bounce (G59-8259)
- Fix for configurator deleting voicemail boxes
- Improvements to TTS announcements on client touchscreens

#### Version 5.8.32:

- Fix for Configurator online help file not working with F1 on PC with g!Tools (G57-8020)
- Fix for Lutron auto discovery in large Lutron QA/RA2 systems (G57-7997)
- Improvement to Aprilaire thermostat auto discovery (G57-8146)
- Fix for Pentair pool lights All On and All Off control (G57-8144)

#### Version 5.6.32:



- Fix for Marantz 5006/6006 driver issues, tuner control and TV input (G56-8004)
- Fix for Celsius control on various climate drivers (G56-7985,7964 RCS, G56-7962 Lutron, G56-7954 Aprilaire, G56-7966 HAI)
- Fix for Matrix 4/6/8 audio switch control (G56-7992)
- Fix for weather set to “none” showing 10000 on homepage header (G59-7949)

#### Version 5.5.126:

- Several minor bug fixes and cleanup items
- Improvements to DVR file handling (G60-7203)
- Fixes for legacy 8.4” Inwall touchscreen, media and other minor issues (G55-7666)
- Fix for legacy Leviton Vizia RZC0P PIM (G55-7665)
- Fix for Squeezebox Touch firmware 7.7.1 r9558 (G55-7284)
- Fix for Squeezebox Touch FLAC and WAV file formats (G55-7759)
- Fix for Squeezebox music library filter, now does not show files that it can’t play(G55-6842)
- Fix for offset g!Mobile (iOS) climate schedule on Days of Week (G55-7852)
- Fix for Sonance iPort iPod disconnection notification (G55-7339)
- Fix for TS7 website picture link (G55-7673)
- Fix for HAI panel control via SerialBrick (G55-7560)

#### Version 5.4.134:

- Several minor bug fixes and cleanup items
- Fix for Aprilaire remote sensor discovery(G54-6737)
- Fix for Sunrise/Sunset not updating (G54-7106)
- Fix for Time Zone setting not saving (G54-6522)
- Fix for TS2 not refreshing after source select (G54-7228)
- Fix for media page video preview not loading

#### Version 5.3.175:

- Improvement to touchscreen lockup issues
- Fix for time zone reverting back to GMT-8 (G53-6862)
- Fix for event map control of custom lighting scenes (G53-6693)
- Fix for high frequency IR reproduction (G53-7005)
- Fix for HAI thermostat ID issue (G53-6882)