



Design Reference Guide

The content of this document is subject to change without notification.

Revision	Date	Description	
1.0	3/22/10	Original Document	
1.1	4/7/10	Minor Corrections, First Public Release	
1.2	7/9/10	Addition of HC4. Updates to HC6, HC12, TS2, TS7, GBM1	
1.3	7/16/10	Minor Corrections	
1.4 10/20/10 Change to Messaging – Text to Speech now		Change to Messaging – Text to Speech now part of Pro App	

What's new in 5.0?

New User Interface

The g! interface is completely new and bears little resemblance to 4.0 or legacy VIA products.
 From page to page the UI has been simplified and rearranged to be consistent throughout.

Ability to Configure ELAN S8.6AV, S8.6AVP, S86A, S86P, S12, and S128P

- Chassis settings of ELAN AV Controllers can now be configured from within the Configurator.
- VIA!Tools and ELANTOOLS are no longer needed when using ELAN AV Controllers in a g! system.

Zone Grouping

 To further simplify the user interface, Climate, Lighting, and Media zones can be grouped into logical segments. For example, the user interface can display a button for the "First Floor".
 Pressing that button will show only those audio zones that exist on the First Floor.

Redesigned Music Library Interface

- Whether it's the built-in Music Player, or an ELAN VIA!dj, the Music Library interface has been redesigned to be more user friendly.
- Added Bonus: You can now browse the Music Library by Cover Art image.

New Home Pages and Media Templates

 All templates have been redesigned with real-world use cases in mind. Pre-built templates are available for all user interfaces, including the TS2 and iPhone.

Sub-System Overviews

 Every sub-system App features an overview page which provides a quick snapshot of what's happening throughout the house.

Updated DVR Interface

The DVR App has been greatly simplified and its functionality improved.

New Common Resources Library

- One library that contains all IR and Serial drivers, TV icons, templates, Integration Notes, and Manuals.
- The library automatically notifies you of new content available for download.

• New Viewer License Scheme

- Any User Interface purchased from ELAN <u>does not require</u> a Viewer License.
- All other devices (PC, iPod, iPad, etc.) require a Viewer License (ORDER# GVSL).
- The Controllers still include 1 Viewer License for programming purposes.

New Sub-System App Scheme

Tabs are out...Apps are in. The following pages describe the App scheme.

New Third-Party Drivers

The following pages outline new drivers as of the printing of this document.

App Structure

- Tabs, as they were referred to in 4.0 and earlier, no longer exist.
- Controllers now include functionality at no extra charge.
- Extended functionality requires the purchase of a Pro Application
- Pro Applications provide all controller-included features plus added functionality.

NOTE: Pro Applications are not available for the MultiBrick (GBM1). Additionally the GBM1 has other restrictions. Please refer to the GBM1 section of this document.

Application	Included With Controller	Included with Pro App	Pro App Order #
Media	Unlimited ELAN Zone Controllers Unlimited Sunfire AVRs Unlimited Display Devices 1 AVR (any Brand) Unlimited in-home sources	Unlimited Zone Controllers (any Brand) Unlimited AVRs (any Brand)	GMED
Online Content	Not Available	Online Music Sources	GONL
Climate	2 Stats History	32 Stats	GCLI
Lighting	16 Loads or System Scenes Unlimited g! Viewer Keypads Unlimited g! Viewer Scenes History using Graph Object	Maximum Loads/Scenes available	GLIT
1 Partition 8 Zones History		8 Partitions 256 Zones	GSEC
IP Camera	2 IP Video Streams	16 IP Video Streams	GIPC
DVR	Not Available	Records all Cameras	GDVR
Messaging	1 Voicemail Box Internal Voicemail (not telephone) E-Mail	8 Voicemail Boxes, Incoming Call Log Text-To-Speech (except MB100) Caller ID Internal and Telephone Voicemail Outgoing calls based on Events Remote Message Retrieval Remote House Status and Control	GMSG
16 Groups (Virtual, for Demo Only) 256 Zones (Virtual, for Demo Only)		16 Groups 256 Zones	GIRR
Pool/Spa	Virtual (For Demo Only)	All Supported Features	GSPA
Other Generic Serial Devices IR Devices Input/Output Devices UPS			

NOTE: The Online Content App is free with the purchase of a GB160 or GB450.

New Third-Party Drivers

- Security
 - Ademco Vista 128FBP, 250FBP
- Lighting
 - Lutron RadioRA2
- Media
 - Sony BDP-CX7000ES
- Video
 - Aviosys 9060i
 - Aviosys 9060SL

What's in 4.0 but not in 5.0?

There are differences in the features available between Core Module 4.0 and 5.0. This list explains features that were available in 4.0 but <u>are not</u> available in 5.0.

Features:

- Ability to use Windows Mobile based devices (PDAs and SmartPhones) as Viewers
- Java-based Web Browser Viewer
- Ability to change Viewer background texture
- Ability to password protect a Viewer
- Ability to export video clips from DVR.
- Ability to use Source Preview in Media zones
- Controls
 - Thermostat Window
 - TV Digit Antenna Tuner
 - TV Digit Cable Tuner
 - Video Thumbnail
 - Weather Conditions Date/Time -
 - Weather Current Conditions
 - Weather Current Conditions Icon
 - Weather Forecast Icons

Replaced with a new control.

TS2

Film Interactive Touchpad

• Usage: Wherever a simple, single-zone user interface is desired.

Location: In-Room

Includes: White bezel, Black and White Films

Requires: PPVN or SPP Precision Panels for connectivity.

SC1 Serial Controller for communication with HomeBrick

Accessories:

WPEO2xxx – WallPlates in Various Colors

Wiring:

1 CAT5 for communication and IR to Head End

1 CAT5 to local IR receiver or IR emitter (Optional)

Connections:

 Rear – SYSTEM connects to PPVN Rear VIANET 1-4, or SPP Rear 16V 1-8, or S86 KP 1-6, or M86A KP 1-6

- Rear IR IN, 12V, GND connect to IR Receiver (Optional)
- Rear IR OUT connects to IR Emitter (Optional)
- Rear SENSE is not used.

Dimensions:

- Cutout: Standard US 2-gang (Not compatible with all mud rings. Confirm fit before installation.)
- Overall: 4-5/8"H x 4-5/8"W



TS7

7" In-Wall Touchscreen

• Usage: Wherever a complete user interface is desired.

Location: In-Room

• Includes: White bezel, Stylus, Ferrite Clamp, Screws, Cut-out template

Requires: PPSP or SPP or PVIA1 or PVIA4 Precision Panels for power

Available port on an Ethernet switch.

Composite video matrix for NTSC or PAL video.

Accessories:

TS7BKT – Preconstruction Bracket

TS7BB – Preconstruction Back-box

WPTS7xxx – Wall Plates in Various Colors

• Wiring:

- 1 CAT5 for Ethernet communication to Head End
- 1 16/2 for Power (18/2 is acceptable on short runs)
- 1 RG6 or RG59 with a solid-copper center conductor for video input
- 1 RG6 or RG59 with a solid-copper center conductor for video output (Optional)

Connections:

- Rear ETHERNET connects to an available port on an Ethernet switch
- Rear PWR connects to Rear POWER of PPSP or SPP or PVIA1 or PVIA4
- Rear VIDEO IN connects to Video Output of V8 or S86 or other composite video device
- Rear VIDEO OUT connects to local TV or other video device

Dimensions:

Cutout: 7-7/8"W x 4-1/2"H x 2-1/4"D

Overall: 8-5/8"W x 5-3/8"H



HC System Controllers

	HC4	HC6	HC12
Features_	1107		
System Controller	Yes	Yes	Yes
IR Control	Yes	Yes	Yes
Serial Control	Yes	Yes	Yes
Relay Control	Yes	Yes	Yes
Music Server	Yes	Yes	Yes
Built-In Hard Drive	-	-	250GB
NAS Support	Yes	Yes	Yes
On-Screen Display	Yes	Yes	Yes
Dial-up Modem	Capable	Capable	Capable
Built-In App Support	All	All	All
Pro App Support	All	All	All
Rack Mountable	-	Yes	Yes
Can Mountable	Yes	-	-
Connectivity			
2-Way RS232	4	6	12
RS485	1	2	2
VIANET	1	2	2
IR Outputs	2	6 + 6	6 + 6
ALL IR Output	-	1	1
IR Inputs	1	1	1
IR Expansion	-	15 Pin D-Sub	15 Pin D-Sub
Sense Inputs	2	6	6
Relay Outputs	2	2	4
Audio Outputs	1 - 3.5mm	2 - RCA	2 - RCA
OSD Video Output	Component	Component	Component
Video Loop Through	Component	Component	Component
Ethernet	1	1	1
USB-A	1	2	2

HC4 and HC4240

HC4 System Controller

Usage: Required. Central Controller of the system.

Location: Head End

Includes: Handheld Remote, 4 HACB307, Power Supply, Wall-mount Ears

Requires: Available port on an Ethernet switch

Accessories:

PPWM – I/O Controller Precision Panel

MBSM – Small Mounting Bracket for Structured Wiring Can

Wiring:

1 CAT5 for each RS232 Port

1 CAT5 for RS485 Port

1 CAT5 for VIANet Port

1 18/2 or 18/3 for each relay

1 CAT5 for Ethernet

- Rear RS-232 1-4 to serial controlled device or PPWM Front RJ45
- Rear RS-485 to serial controlled device or PPWM Front RJ45
- Rear VIANET to VIANet devices or PPVN Front VIA!Net
- Rear RELAYS 1-2 to relay controlled devices or PPWM Front RELAYS
- Rear SENSE INPUTS 1-2 connect to ELAN Sensors or PPWM Front SENSE INPUTS
- Rear IR OUTPUTS 1-2 connect to IR controlled devices
- Rear EXT IR IN connects to ELAN IR SENSOR or PPWM EXT IR IN
- Rear AUDIO OUTPUT connects to ELAN Audio Controller SOURCE IN
- Rear VIDEO IN connects to output of V85 or AVR
- Rear VIDEO OUT connects to TV input.
- Rear LAN connects to available port on Ethernet switch
- Rear USB connects to external Dial-Up Modem
- Rear POWER connects to included power supply



HC6 and HC6240

HC6 System Controller

Usage: Required. Central Controller of the system.

Location: Head End

Includes: Handheld Remote, 2-meter DB15 M-F Cable, 6 HACB307, Rack Ears

US Version contains US power cord, 240 version contains EU, UK, AU cords

• Requires: Available port on an Ethernet switch

Accessories:

PPWM – I/O Controller Precision Panel

Wiring:

1 CAT5 for each RS232 Port

1 CAT5 for each RS485 Port

1 CAT5 for each VIANet Port

1 18/2 or 18/3 for each relay

1 CAT5 for Ethernet

- Rear RS-232 1-6 to serial controlled device or PPWM Front RJ45
- Rear RS-485 1-2 to serial controlled device or PPWM Front RJ45
- Rear VIANET IN/OUT to VIANet devices or PPVN Front VIA!Net
- Rear RELAYS 1-2 to relay controlled devices or PPWM Front RELAYS
- Rear SENSE INPUTS 1-6 connect to ELAN Sensors or PPWM Front SENSE INPUTS
- Rear IR OUTPUTS 1-6, ALL connect to IR controlled devices
- Rear EXT IR IN connects to ELAN IR SENSOR or PPWM EXT IR IN
- Rear AUDIO OUTPUTS 1-2 connect to ELAN Audio Controller SOURCE IN
- Rear VIDEO IN connects to output of V85 or AVR
- Rear VIDEO OUT connects to TV input.
- Rear LAN connects to available port on Ethernet switch
- Rear USB 1-2 connect to external Dial-Up Modem
- Rear IR LINK connects to S86, M86A, S128P, or PPWM IR LINK
- Rear POWER connects to 110v-240v outlet



HC12 and HC12240

HC12 System Controller

Usage: Required. Central Controller of the system.

Location: Head End

• Includes: Handheld Remote, 2-meter DB15 M-F Cable, 12 HACB307, Rack Ears

US Version contains US power cord, 240 version contains EU, UK, AU cords

Requires: Available port on an Ethernet switch

Accessories:

PPWM – I/O Controller Precision Panel

Wiring:

1 CAT5 for each RS232 Port

1 CAT5 for each RS485 Port

1 CAT5 for each VIANet Port

1 18/2 or 18/3 for each relay

1 CAT5 for Ethernet

- Rear RS-232 1-12 to serial controlled device or PPWM Front RJ45
- Rear RS-485 1-2 to serial controlled device or PPWM Front RJ45
- Rear VIANET IN/OUTto VIANet devices or PPVN Front VIA!Net
- Rear RELAYS 1-4 to relay controlled devices or PPWM Front RELAYS
- Rear SENSE INPUTS 1-6 connect to ELAN Sensors or PPWM Front SENSE INPUTS
- Rear IR OUTPUTS 1-6, ALL connect to IR controlled devices
- Rear EXT IR IN connects to ELAN IR SENSOR or PPWM EXT IR IN
- Rear AUDIO OUTPUTS 1-2 connect to ELAN Audio Controller SOURCE IN
- Rear VIDEO IN connects to output of V85 or AVR
- Rear VIDEO OUT connects to TV input.
- Rear LAN connects to available port on Ethernet switch
- Rear USB 1-2 connect to external Dial-Up Modem
- Rear IR LINK connects to S86, M86A, S128P, or PPWM IR LINK
- Rear POWER connects to 110v-240v outlet



GB160

HomeBrick with 160GB hard drive and g! pre-loaded

• Usage: Required. Central Controller of the system.

Location: Head End

Includes: Mounting Hardware

Requires: Available port on an Ethernet switch

Accessories:

HWNWA18X4 Network Assembly for network connectivity and COM Port passthrough

HWUSB100 RS232/USB Adapter for COM Ports 3-6 (5-6 when used with HWNWA18X4)

• Wiring:

1 CAT5 for each RS232 Port

1 CAT5 for Ethernet

Connections:

Top – LAN connects to available port on Ethernet switch

Top – COM PORT 1-2 connect to serial controlled devices or HWNWA18X4

Top – COM PORT 3-4 connect to HWUSB100 or HWNWA18X4

Top - AUDIO OUTPUT connects to ELAN Audio Controller SOURCE IN

Top – LINE connects to phone CO

Top – PHONE connects to phone distribution hub

Bottom – COM PORT 5-6 connect to HWUSB100 or HWNWA18X4

Features

Built-in 160GB hard drive

Support for Network Attached Storage

Built-in App functionality



GB450

HomeBrick with 450GB hard drive and g! pre-loaded

• Usage: Required. Central Controller of the system.

Location: Head End

Includes: Mounting Hardware

Requires: Available port on an Ethernet switch

Accessories:

HWNWA18X4 Network Assembly for network connectivity and COM Port passthrough

HWUSB100 RS232/USB Adapter for COM Ports 3-6 (5-6 when used with HWNWA18X4

• Wiring:

1 CAT5 for each RS232 Port

1 CAT5 for Ethernet

Connections:

Top – LAN connects to available port on Ethernet switch

Top – COM PORT 1-2 connect to serial controlled devices or HWNWA18X4

Top – COM PORT 3-4 connect to HWUSB100 or HWNWA18X4

Top - AUDIO OUTPUT connects to ELAN Audio Controller SOURCE IN

Top – LINE connects to phone CO

Top – PHONE connects to phone distribution hub

Bottom – COM PORT 5-6 connect to HWUSB100 or HWNWA18X4

Features

Built-in 450GB hard drive

Support for Network Attached Storage

Built-in App functionality



GBM1

MultiBrick with g! pre-loaded

• Usage: Required. Central Controller of the system.

Location: Head End

Includes: Mounting Hardware, 3 HACB307, 1 HACB328

Requires: Available port on an Ethernet switch

Accessories:

HWNWA18X4 for network connectivity

Wiring:

- 1 CAT5 for each RS232 Port
- 1 CAT5 for Ethernet
- Connections:
 - Bottom LAN connects to available port on Ethernet switch
 - Bottom COM PORT 1-2 connect to serial controlled devices
 - Bottom COM PORT 3 connects to RS232 or RS485 controlled device
 - Bottom AUDIO OUTPUT connects to ELAN Audio Controller SOURCE IN
- Features
 - Support for Network Attached Storage
 - Built-in App functionality

The GBM1 has the following Restrictions:

- The GBM1 does not support Pro Apps
- The GBM1 does not support TS2 user interfaces.
- The GBM1 supports 1 external music /photo library with a size limited to 10GB.
- The GBM1 supports a maximum of 1 S86 or V883 chassis. No other multi-zone controllers are supported.



PPVN

TS2 VIA!Net Powered Wall Plate

Usage: Required for TS2

Location: Head End

Includes: PWR1 Power Supply

Requires: -

- Why:
 - Provides power for up to 4 TS2s
 - Provides IR passthrough from TS2 IR receiver
 - Provides VIA!Net connectivity
- Wiring:
 - CAT5 patch cable to SC1 or HCxx
 - CAT5 to additional PPVN
 - CSI to PPIS (Optional) (Up to 4 PPIS can be connected)
- Connections
 - Front EXT IR IN 1-4 connect to GC-IRE 1-4 on PPIS
 - Front VIANET connects to SC1 or HCxx VIANET IN or OUT
 - Front 16VDC 0.6A connects to PWR1
 - Rear VIANET connects to additional PPVN Rear VIANET
 - Rear VIANET 1-4 connect to TS2 1-4 SYSTEM RJ45
- Example:
 - Connect up to four TS2s to provide power and VIANet connectivity.
 - Connect IR to PPIS to provide IR pass-through from TS2 IR receiver to HCxx (Optional)



PPSP

TS7 / TS10 Power Wall Plate

Usage: Required for Profile 700 or TS7

Location: Head EndIncludes: PWR1

• Requires: PWR4 Power Supply for 2 or more Profile 700 or TS7

• Why:

Provides power for 1 touchscreen using PWR1

Provides power for 4 touchscreens using PWR4

• Wiring:

AC outlet

Example:

Connect up to four touchscreens to provide power



PPWM

I/O Controller Precision Panel

Usage: Required if one of these applications apply:

Need to pass 6 CAT5 pin-for-pin through the wall

Using one or more PPRM

Using PPIR

Need to expose IR outputs 7-12 from HC6 or HC12

Location: Head End

Includes: PWR1, 6 IRIC mono interconnects, 11 CSI stereo interconnects
 Requires: PF2 Mounting Frame, IR-Link Cable (Included with HC6 or HC12)

Why:

Provides Head End termination for PPRM and PPIR

Provides 110 female RJ45 conversion for 6 CAT5s

Provides connectivity for IR outputs 1-12 on HC6 and HC12

Wiring:

See PPRM and PPIR

1 CAT5 per IR output located away from Head End.

Connections:

Front – IR LINK connects to HC6 or HC12 IR LINK

Front – EXT IR IN connects to HCxx EXT IR IN

Front – IR OUTPUTS 1-6 connect to IR devices located at Head End

Front – SENSE INPUTS 1-6 connect to HCxx SENSE 1-6

Front – RELAY 1-4 connect to HCxx RELAY 1-4

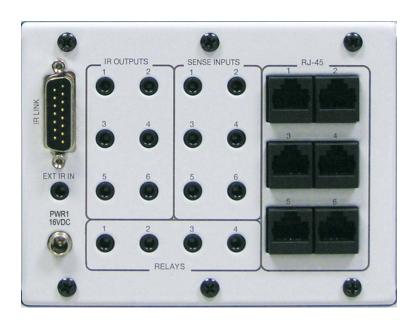
Front – RJ45 1-6 connect to HCxx RS232

Rear – ROOM connects to PPWM Rear ROOM 1-6 or PPCM ROOM 1-4

Rear – RJ45 connects to PPWM Rear RJ45-x or other custom connection

Example:

Connect wire runs from rooms throughout the house to the PPWM for a clean termination.



PPRM

Room IR Out/Sense/Relay Wall Plate

• Usage: Optional

• Location: Room

• Includes: IRE2 Emitter, CSI

Requires: ELAN Sensor for Sense applications.

• Why:

Provides connection for IRE2 to a TV or AVR

- Provides connection for E-Sense sensor to monitor power state of TV or AVR
- Provides connection for N/O or N/C relay to a relay controlled device
- Provides RJ45 pass-through for RS232 or Ethernet
- Wiring:
 - 1 CAT 5 for IR, Sense, Relay
 - 1 CAT5 for RS232 or LAN or other
- Connections:
 - Front IR OUT connects to IRE2
 - Front SENSE connects to ELAN Sensor
 - Front RELAY connects to relay controlled device. (Cut included CSI and splice wires as necessary.)
 - Front RJ45 connects to serial or IP controlled device
 - Rear ROOM connects to PPWM Rear ROOM 1-6 or PPCM ROOM 1-4
 - Rear RJ45 connects to PPWM Rear RJ45-x or other custom connection.
- Example:
 - Connect IR receiver from TS2 through PPVN to PPIS to enable the use of a handheld remote control.



PPIR

Controller External IR Input Plate

Usage: OptionalLocation: In-Room

Includes: IRS7EP IR Sensor

• Requires: HACB307 Adapter (Included with HCxx)

Why:

Provides IR receiver connection from room to HCxx EXT IR In

Provides RJ45 pass-through for RS232 or Ethernet

Wiring:

1 CAT5 for IR

1 CAT5 for RS232 or LAN or other

Connections:

Front – EXT IR IN connects to IRS7EP

Front – RJ45 connects to serial or IP controlled device

Rear - EXT IR IN connects to PPWM Rear EXT IR IN

Rear – RJ45 connects to PPWM Rear RJ45-x or other custom connection

Example:

Connect IR to HCxx for OSD control

Connect RS232 to TV for power/input control



PPIS

IR to Serial Wall Plate

• Usage: Required when multiple IR Inputs to HCxx are needed

Location: Head End

Includes: GC-IRE IR Extender/IR-toRS232 adapter, CSI

Requires: Available HCxx RS232 Port

• Why:

HCxx has a single IR Input. PPIS is required when multiple IR inputs are needed.

Converts IR signal to Serial to connect to HCxx RS232 port

Wiring:

CAT5 Patch Cable to HCxx or CAT5 to PPRM

Connections:

Front – RS232-IN connects to GC-IRE

GC-IRE IR IN - connects to PPVN Front EXT IR IN 1-4

Front – RS-232 OUT connects to HCxx Rear RS232 mounted in a shelf or rack.

Rear – RS-232 connects to HCxx Rear RS232 mounted in a can.

Example:

 Connect IR receiver from TS2 through PPVN to PPIS to enable the use of a handheld remote control.



SPP

System Precision Panel

Usage: Required until August 2010, Optional thereafter

Location: Head End

• Includes: -

Requires: PWR1 or PWR4 or PWR10

Why:

Provides power for up to 16 TS2s

Provides power for up to 10 TS7s or Profile 700s

Provides power for SC1

Provides VIA!Net link for up to 16 TS2s

Provides IR Passtrough to Zone Controller for up to 8 TS2s

Wiring:

- CAT5 patch cable to SC1 or HCxx
- CAT5 patch cables (up to 8) to Zone Controller
- CSI interconnects to SENSE INPUTS
- IRIC to EXT IR IN

- Front VIANET connects to SC1 or HCxx VIANET IN or OUT
- Front ZONE 1-8 connect to Zone Controller KP 1-8 (Optional, for IR passthrough from TS2 IR receiver)
- Front TO SENSE INPUTS connect to HCxx SENSE INPUTS (Optional)
- Front EXT IR IN connects to HCxx EXT IR (Optional, does not pass power)
- Front POWER connects to PWR1 or PWR4 or PWR10
- Front SS/SC4 and TRIGGERS have no connection.



FAQ

- Q: What legacy ELAN products can I use in a g! system?
- A: These are the compatible products:
- HomeBrick
 - Model Number GB160 is a 160GB HomeBrick pre-loaded with g!.
 - Model Number GB450 is a 450GB HomeBrick pre-loaded with g!.
- MultiBrick
 - Model Number GBM1 is a MultiBrick pre-loaded with g!.
- SC1
 - An SC1 is required in any system that has TS2s and a HomeBrick or MultiBrick.
 - One SC1 can handle up to 32 TS2s.
- SPP
 - The SPP is an alternative to the new Precision Panels.
 - This is the only solution until the new panels arrive in August.
- Viewers
 - HWITS100, HWITS102 (Profile 700), WT84
- EdgeBricks
 - HWEB100, HWEB101, HWEB102
- Software
 - SSHB12 Remote Access Annual Subscription
- Q: Can I upgrade a customer's system from 4.0 to 5.0 to get the g! features?
- A: Upgrading from 4.0 to 5.0 <u>will not</u> be possible nor supported in the initial release of the software. We are exploring this possibility for future release.
- Q: Can I upgrade my demo system from 4.0 to 5.0 to get the g! features?
- A: This depends on the products in your system. Ultimately we expect our dealers to maintain a system with current hardware and software. Contact your Regional Sales Manager to learn about the options available to you.
- Q: I have a client that has a legacy ELAN system that does not include any legacy HomeLogic products. Can I upgrade that client to 5.0 and can I re-use any of the legacy products?
- A: This is essentially a new install as far as g! is concerned, so yes it can be upgraded. You will need to replace VIA panels with compatible touchscreens. Any Ole2 will need to be replaced with a TS2. You can convert an Ole2XL to TS2 functionality with a simple firmware update. Films are available to purchase (GTS2b or GTS2w). Please be aware that the OLED resolution of an OleXL is slightly less than that of a TS2, therefore the graphics will appear differently.
- Q: How long will 4.0 be available for use in new projects?
- A: We intend to make 4.0 available through August 2010. Depending on demand we may choose to discontinue it earlier than August.

System Configuration

- A typical system consists of the following:
 - System Controller
 - Network Infrastructure
 - User Interfaces
 - Precision Panels
 - Integration Hardware
 - Software Features (Apps)
 - Viewer Licenses
- Required system components until August 2010.

System Controller: HomeBrick or MultiBrick

Network Infrastructure: Network Assembly

User Interfaces:
 TS2, HWITS100, HWITS102, WT84, PC, iPod Touch, iPhone

Precision Panels: SPP

Integration Hardware: SC1 when system contains TS2s

Software Features: Built-In. Pro Apps required for enhanced functionality.

Viewer Licenses: For non-ELAN Viewers only.

Required system components post October 2010.

System Controller: HC6 or HC12

Network Infrastructure: Network Assembly

User Interfaces:
 TS2, TS7, HWITS100, HWITS102, WT84, PC, iPod Touch, iPhone

Precision Panels:
 PPSP, PPVN, etc.

Integration Hardware: -

Software Features: Built-In. Pro Apps required for enhanced functionality.

Viewer Licenses: For non-ELAN Viewers only.