PositivePulse
ELECTRIX

SMART SYSTEMS

ELAN

- Home
- Media
- Security
- Climate
- Lighting
- Messaging
- Video
- Intercom
- Photos
- Irrigation
- Pool

Smart Lighitng

Home Security

CCTV

Intercom Access Coontrol

AV and Media Control

Wireless Control

Expandable

Home Automation

We at Positive Pulse Electrix have been able to develop and achieve communication and integration between several different high quality manufactures & products, which remains cost effective for the number of features offered.

Packages available in this system include:
- Lighting Control
- Alarm
- CCTV
- Intercom & access control
- Local area Network
- AV & Media

Expanded Packages:
- Multi-room audio & theatre
- AV media switching matrix
- Climate control
- Blinds, curtains & louvres
- Pools & spas
- Voice control Alexa, Google & Siri
  ...and more

The advantage of this system is that the house is still conventionally wired and useable. This system allows us to pre-wire for future installation or connect individual systems which can be installed, integrated or expanded at a later point, with each system maintaining independent functionality.
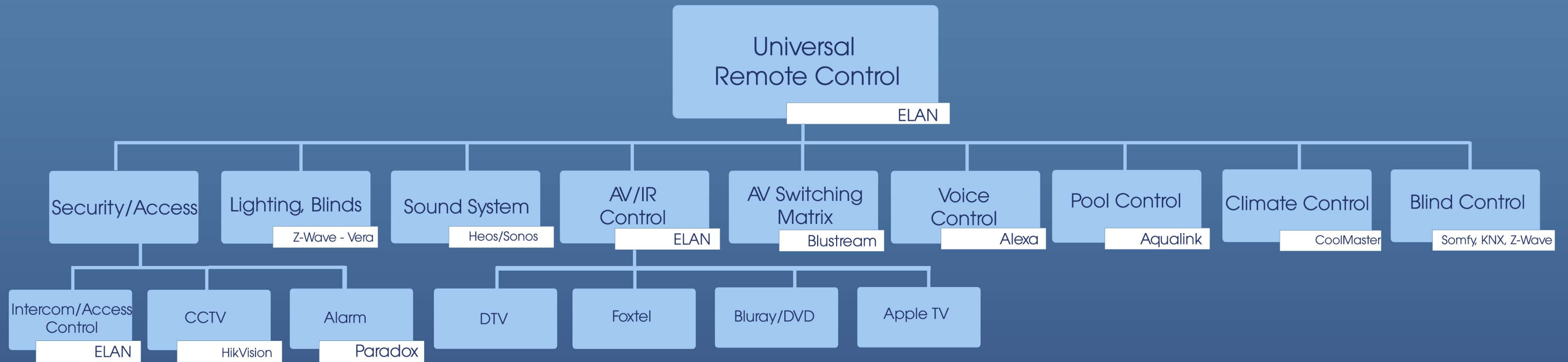
Positive Pulse has moved in this direction as we found that, within the market, there was a disconnection between client, electrician, integrator & programmer, making the whole home automation process an overwhelming experience.

By engaging in our service, we can alleviate the stress and make it an easy process with as little or as many enhancements as the clients would like; from conception to completion and maintenance, making PPE a **"one stop shop"**.
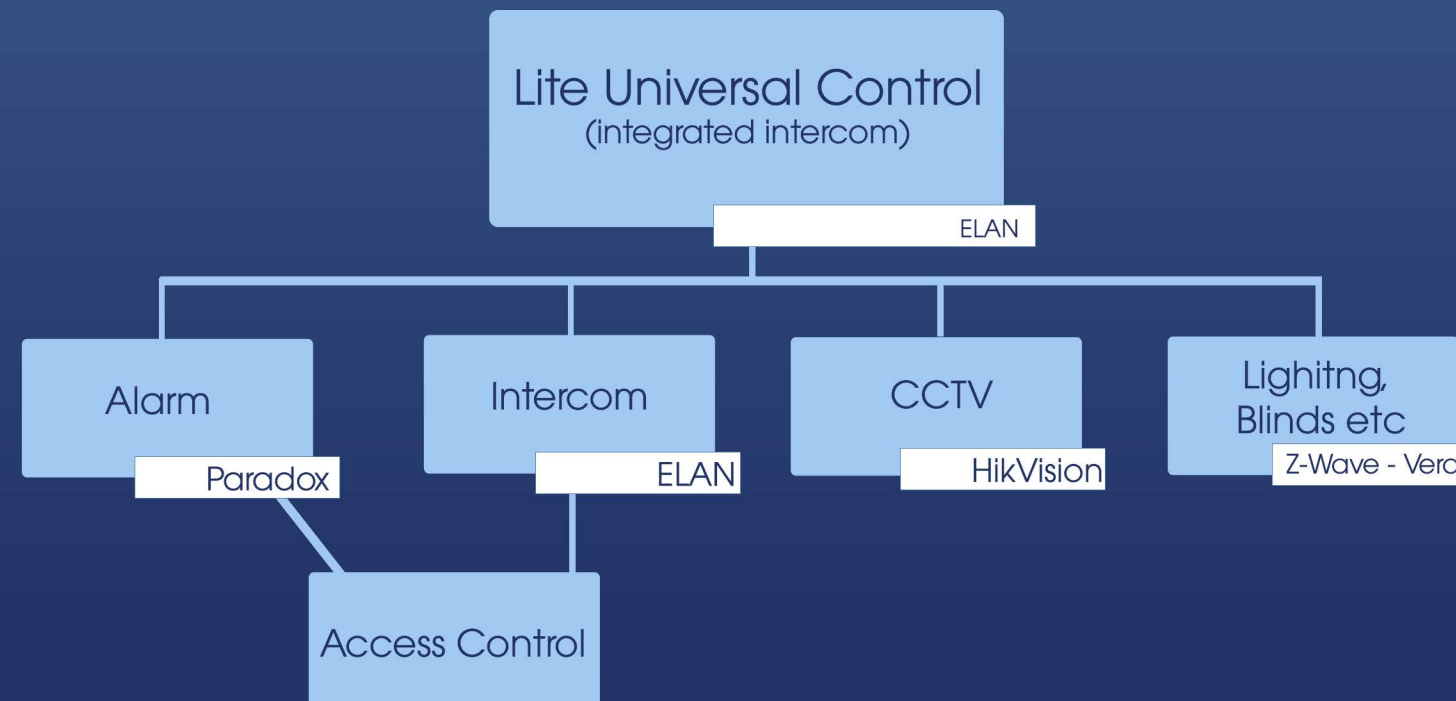
~ Home Enhancement Simplified ~

Automation Hierachy

Universal Remote Control
ELAN

- **Security/Access**
  - Intercom/Access Control — ELAN
  - CCTV — HikVision
  - Alarm — Paradox
- **Lighting, Blinds** — Z-Wave - Vera
- **Sound System** — Heos/Sonos
- **AV/IR Control** — ELAN
  - DTV
  - Foxtel
  - Bluray/DVD
  - Apple TV
- **AV Switching Matrix** — Blustream
- **Voice Control** — Alexa
- **Pool Control** — Aqualink
- **Climate Control** — CoolMaster
- **Blind Control** — Somfy, KNX, Z-Wave

Automation Lite Integrated Intercom

Lite Universal Control (integrated intercom)
ELAN

- **Alarm** — Paradox
  - Access Control
- **Intercom** — ELAN
- **CCTV** — HikVision
- **Lighitng, Blinds etc** — Z-Wave - Vera

Positive Pulse ELECTRIX

Lighting and Comfort Control

Want to use one button to set your alarm and turn off all your lights when you leave?
Use House Modes to set Home, Away, Night and Vacation routines

Don't want to get out of bed to turn off that one light downstairs?
Pop open the ELAN app on your phone and turn off the light.

Set the scene to automate your life: one button or scheduled
   Morning Lights - turn on Hallway, kitchen & dining room lights and
   open blinds at 7am, turn off lights two hours later

Security

Away on holiday? Kids home alone? Workmen in the yard?
Check on your house from anywhere in the world using your phone. View live feeds to put your mind at ease

Dog barking at strange noises in the night?
Watch motion activated recordings with great night vision to check you yard.

Forgot to set your alarm?
Use your phone to set it from anywhere.

Kids always locking themselves out?
They can use their phone to unlock the door.

Intercom and Access

Expecting a delivery?
Answer the door from your phone, talk to the delivery man and let him inside, all the while monitoring what is happening through your intercom & CCTV cameras.

Want to call the kids for dinner?
Using calling groups, ELAN allows you to call between touch screens or smart devices using the ELAN app

Media and AV Control

Never know which remote is for the TV, Surround Sound, Foxtel and apple tv?
With all your devices connected to ELAN, you can simply use your tablet, phone or ELAN's Hand Held Remote to control any of your

Not sure which channel your Apple TV and Foxtel are on?
All you have to do is select what TV you are using, the viewing activity you want and push will turn the TV on to the right source channel and give you the right

Energy and Efficieny

Want to turn the A/C before you get home?
ELAN and CoolMaster gives you remote access to your climate control.

Hard day at work? Want to enjoy a hot bubbling spa ASAP?
With iAqualink and ELAN you can control your pool and spa.
Keep Forgetting to water the garden?
Create watering schedules or create/control irrigation programs.
House getting too hot in summer?
Automate your blinds to close when the sun hits you windows

Interfaces

Worried about guests not understanding how to use your home automation?
Your House will still work as a normal house and with Wall Mounted touch screens, Hand Held Remote controls and ELAN's intuitive interface, even your Grandmother can use it.

Hands full getting popcorn?
Tell Alexa. "Alexa, Marathon Time!"
- Have you lights dim, curtains close, TV turn on to Apple TV and surround sound system set to ideal volume, ready for your TV marathon.

*Popcorn not provided

Music and Sound

Want to have music playing all over the house?
Heos provides the ability to zone seperate areas of your house to play different music or grouped together to play the same great song all over.
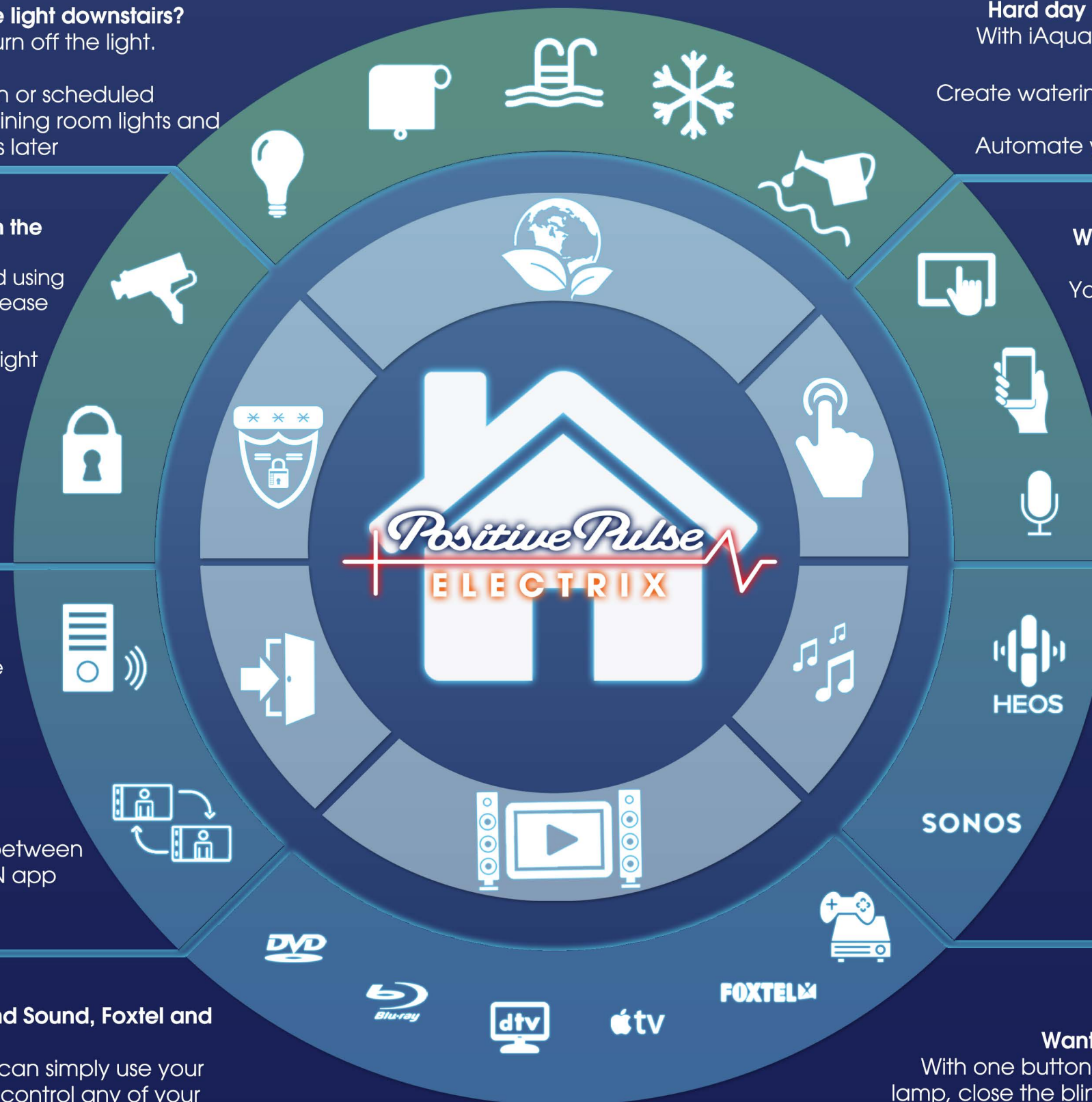
Want surround sound but not another app or remote?
Heos has sound bar, sub and surround capabilities but also utilises the Denon AVR range for a full theatre system that works with the heos app.

Single Action Control

One button to rull them all...
Want one button to set the scene for movie watching?
With one button, ELAN can turn off the lights, turn on the standing lamp, close the blinds, set the TV to Bluray player and set turn on the surround sound movie preset.

HEOS

SONOS

DVD

Blu-ray

dtv

tv

FOXTEL

Positive Pulse ELECTRIX
SMART SYSTEMS

ELAN®
Automation System Lite

Start Small...

Fully Integrated

...Add more and grow

System Controller inc. Integrated Intercom

Base Package:
- ELAN SC100 Controller
- Intelligent Doorbell
- 8 Inch Touch Screen

- 2x Third Party Device Licences

Optional:
- AV control over 1 TV Zone and Sources

Hikvision CCTV

Base Package:
- 4 Network Cameras
- 1 NVR

Benefits:
- One app inside and outside the home
- Centralised Home Automation
- Additional Systems can be integrated
   (e.g. Multi-Room Audio and Climate Control)
- Upgradable

Lighting Control

Base Package:
- 1 Vera Gateway
- 10 Switching Groups*

* Can control Blinds, Irrigation & Access

Integrated Alarm with Access Control

Base Package:
- 1 Alarm Panel
- 1 Keypad
- 5 Detectors
- 2x Remote Control
- 1x Access Keypad/Card reader

3 year remote access subscription

Network

Base Package:
- 1 24 Port POE Switch
- 1 Wireless Access Point

ELAN
- Home
- Security
- Climate
- Lighting
- Media
- Irrigation
- Video
- Pool

ELAN Intelligent Doorbell
Integrated Intercom

The ELAN Intelligent Video Doorbell uses the award-winning ELAN user interface to answer the door from anywhere using phones, tablets or touch-panels. With a low profile, small footprint and popular colors, it fits elegantly with any front door décor.

Features

2-Way Calling - Talk to whoever rang your doorbell from any device running ELAN

Video Monitoring - - The camera in the ELAN Intelligent Video Doorbell may be accessed from any Intercom Station to view the caller

PIR Detection- Allows the ELAN Intelligent Video Doorbell to have a passive motion detection that can be used with Event Maps

Packages

Vera
Base Package:
- 1 Nexus Gateway
- 10 Switching Groups

* Can control Blinds, Irrigation & Access

Paradox Integrated Alarm
Base Package:
- 1 Alarm Panel
- 1 Keypad
- 5 Detectors
- Garage door remote and control
- 3 year remote access subscription

Local Area Network
Base Package:
- 1 Wifi Access Point
- 1 POE Switch

* If ELAN is Selected, LAN is assumed as selected
* This packed is strongly recommend at all times

Hikvision CCTV
Base Package:
- 4 Network Cameras
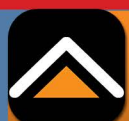- 1 NVR

Stand Alone Hikvision Intercom
Base Package:
- 1 Camera Station + Card Reader
- 1 Master Monitor Station
- 1 Extension Monitor Station

ELAN Intercom
Base Package:
- 1 ELAN intelligent Video Doorbell
- 1 8 inch Touch Screen

*An ELAN SC100 controller must be selected at minimum

ELAN Controllers

SC100
Base Package
- 1 Audio/Visual Zone
- 4 CCTV Streams
- 3 Thermostats
- 24 Lighting Controls

SC2
Base Package
- 10 Audio/Visual Zone
- 16 CCTV Streams
- 32 Thermostats
- 255 Lighting Controls

SC10
Base Package
- 10 Audio/Visual Zone
- 16 CCTV Streams
- 32 Thermostats
- 255 Lighting Controls

* Prices Include Device Set up & Programming

Additional Integration Products

Blind Control
*Specialised Installers Required

Heos Music System
Denon Heos AVR

Jandy Aqualink Pool and Spa Control
*Specialised Installers Required

Blustream AV Distribution

Climate Control
*Specialised Installers Required

*This list is not exaustive and only provides some of the key services available

Positive Pulse ELECTRIX
SMART SYSTEMS

Packages

Smart Home Packages

Vera
Control: Lights, Blinds, Security, Irrigation, Access control
Expandable
Remote Access
User Orientated Experience

Paradox Integrated Alarm
Nero Integration
Remote Access
Access Control
1 stop keyfob for access and control

Local Area Network
Robust
Expandable
Well Priced
Dependable

Hikvision CCTV
Remote Access: Live feeds, Recorded Data
Download recorded videos
Records movement
Overwrites oldest files
*Dependent on upload speeds of 4MB of higher

Stand Alone Hikvision Intercom
Remote Access: Viewing, Talking, Access control
Keyless entry: Fob, Cards phone etc

*Dependent on upload speeds of 4MB of higher
*Does Not Integrate with Vera or ELAN

ELAN Intercom
The ELAN Video Doorbell uses the award-winning ELAN user interface to answer the door from anywhere using phones, tablets or touch-panels.

Integrates fully with ELAN.

ELAN Controllers
Your music, movies, sports and TV are at your command via a sleek remote, tablet or convenient touch pad in any room.
Your security system, climate, lights, garage door, and more are all under your control from your smart devices in any location at home or away.

Additional Integration Products

Blind Control
Somfy, KNX

HEOS: Room controlled Speakers
Expandable, Excellent sound quality, Multi-Zone enabled and app controlled
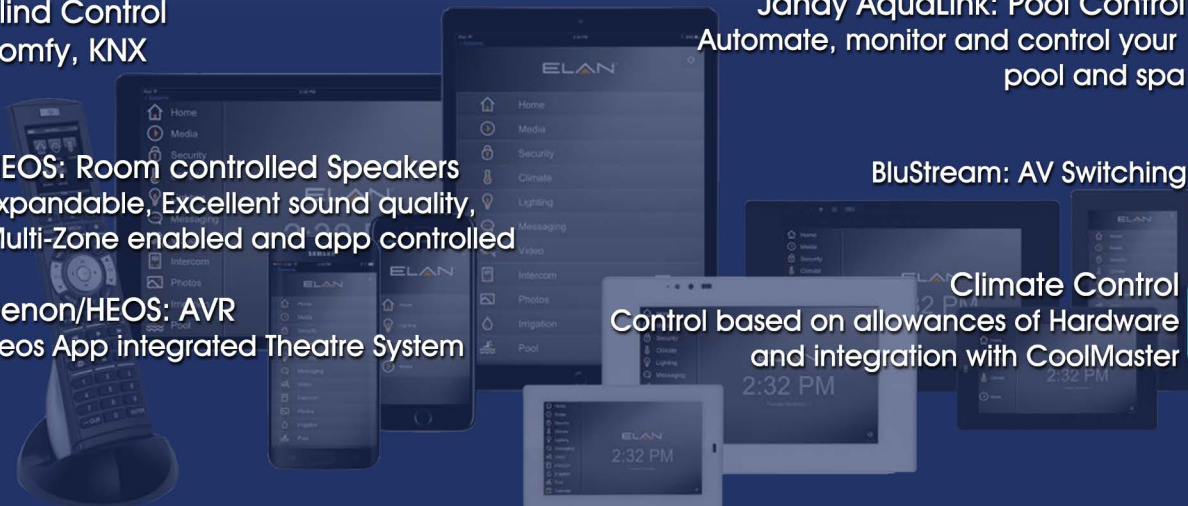
Denon/HEOS: AVR
Heos App integrated Theatre System

Jandy AquaLink: Pool Control
Automate, monitor and control your pool and spa

BluStream: AV Switching

Climate Control
Control based on allowances of Hardware and integration with CoolMaster

Positive Pulse ELECTRIX

SMART SYSTEMS

Smart Home Automation
Lighting, Security, Blinds

vera ™
Smarter Home Control

Vera

Base Package: Including Programming
1 Vera Edge Gateway
10 Switching Groups (blinds, lights, irrigation etc)

Vera Edge makes it possible for your smart devices to talk with each other—which means your home can take care of the little things and ensure it's always just the way you like it.

Z-Wave is an affordable, scalable, and retrofit solution that allows you to build your dream smart home, one switch at a time.Your smart phone or tablet becomes the control interface for all of your connected devices, seamlessly merging lifestyle and technology into one.

Geofencing is also a handy feature allowing users to set up a zone around their home to trigger lights, blinds, security system etc, all based on the device's proximity to the home.

Smart Lighting | Home Security | Energy Management | Wireless Control | Retrofit Install | Easily Expandable

Products

Smart-Plug
Z-Wave Smart Plugs with power metering feature are an intelligent, ultimate plug & play, extremely compact, remotely controlled outlet adapter. This highly functional wall plug can be applied wherever you want to control electrical devices, while monitoring power consumption in a convenient and maintenance-free way.

Z-Wave Relay
The RELAY is a small retro-fit 240v module that can be used to enable switching of an electrical device, such as lights, fans and appliances. It offers energy monitoring, and variable configuration settings. The 2-RELAY is a small retro-fit module that can be used to enable on/off control capability of two connected circuits.

Z-Wave Dimmer
A Z-Wave Dimmer is a small retrofit 240vmodule that can be installed behind your existing light switch to provide smart control of your LED Downlights.It offers energy monitoring,and variable configuration settings.

Z-Wave Blind
The Z-Wave Blind is a small retro-fit module used to enable 240v switched motor control of blinds, roller shades and venetian slats. It offers energy monitoring and custom blind positioning.

Other Z-Wave Compaitble Products
Other Z-Wave products include:
Thermostats - Nest
Sensors - Motion, light, temperature, flood etc.
Locks and Handles
Keyfobs and Scene Controll Buttons

PARADOX
SECURITY SYSTEMS

Security System

Base Package:
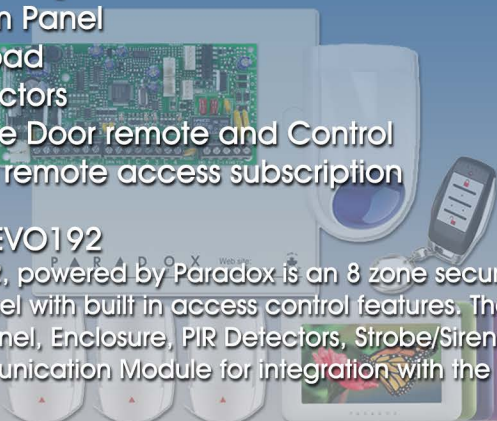1 Alarm Panel
1 Keypad
5 Detectors
Garage Door remote and Control
3 year remote access subscription

Paradox EVO192
The EVO192, powered by Paradox is an 8 zone security control panel with built in access control features. The kit includes Panel, Enclosure, PIR Detectors, Strobe/Siren,Keypad, and Communication Module for integration with the Vera gateway.

*Can also be installed as a standalone alarm and security system
*For Keypad/Swipe Card Access - an additional module can be installed

Positive Pulse ELECTRIX
SMART SYSTEMS

HIKVISION®
IP CCTV and Intercom
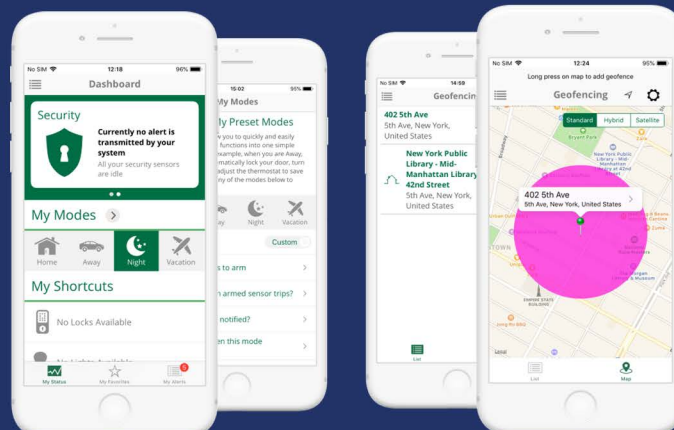
CCTV

Intercom

The IP camers and Network recording device in this package work to record movement around you home. The package can be expanded to the layout and size of your property and security needs.

Access:
The Hik-Connect app allows you to log in and view live streams of any of your cameras remotely and locally. The playback feature also allows you to view all available recordings for any camera stream, remotely or locally. These recordings are also able to be downloaded. Access is available trhough a web interface also.

Alerts:
Set up Notifications on your phone to alert you to motion detected by your CCTV

The Hikvision intercom is an IP based system that allows the user to see and speak to visitors at their gate or door from Monitor stations inside.

Keyless Entry:
Users can unlock the door through the monitor stations, using swipe card or keyfobs or through the Hik-Connect app on their phone.
*Keypads and extra card readers available

Remote Access:
The Hik-Connect app not only provides unlock capabilities, it also sends the user to receive alerts when their intercom is rung, allowing them to answer, see and talk to the person.

*Dependent on upload speeds of 4MB of higher

Positive Pulse ELECTRIX
SMART SYSTEMS

ELAN®
Your world, made simple.
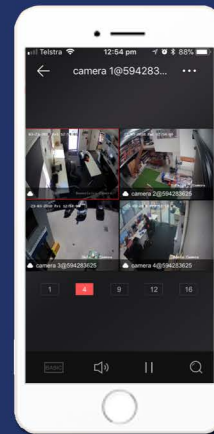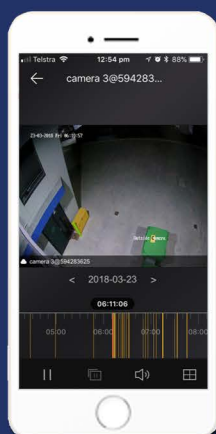
ELAN Controllers

ELSC100 Package
- 1x ELG1 Control Device
  - 1x Audio/Visual Zone
  - 4x CCTV Camera Streams
  - 3x Thermostats
  - 24x Lighting Controls
  *No Pool Control

ELSC2 Package
- 1x ELSC2 Control Device
- 10x Audio/Visual Zones
- 16x CCTV Camera Streams
- 32x Thermostats
- 255x Lighting Controls
*May require extra hardware for all AV Zones

ELSC10 Package
- 1x ELSC10
- 10x Audio/Visual Zones
- 16x CCTV Camera Streams
- 32x Thermostats
- 255x Lighting Controls

ELAN Interfaces

Touch Screens
- 8 Inch (White or Black)
- 12 Inch (White or Black)

Remote Controls
- Hand Held (Single Zone)
- Hand Held (Multi-Zone)

*Alexa is native on Touch Screens and ELAN skill is available for Alexa

Stay connected and worry free

While the advanced ELAN controller is the brains of the connected home, the elegant ELAN remote, touch panels and keypads bring smart home control to wherever you are —in any room or from anywhere in the world with your mobile device.

No matter which control device you use, you'll enjoy the same intuitive interface of our smart home technology system, one that is easy to understand and simple to use by family members of all ages

Available Integration Products

- HikVision CCTV Streams
- Vera Automation products
- Heos Music System Denon Heos AVR
- Blind Control Somfy or KNX or Z-Wave

- Jandy Aqualink Pool and Spa Control *Specialised Installers Required
- Blustream AV Distribution
- Climate Control CoolMaster *Specialised Installers Required
- Irrigation Hunter or Z-Wave

*This list is not exaustive and only provides some of the key services available

Positive Pulse ELECTRIX
SMART SYSTEMS

HEOS BY DENON
Theatre and Audio Packages

Room Zones Music
Standard Package:
- 2- 7inch In Ceiling Speakers
- 1- HEOS AMP

Theatre Lite
Standard Package:
- 1- HEOS BAR
- 2- 7inch In Ceiling Speakers
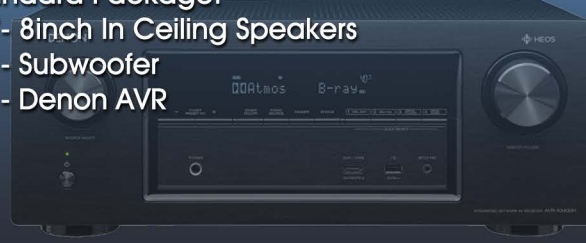- 1- HEOS AMP
  - *Optional HEOS SUB

NILES — Theatre 5.1 Surround Sound
Standard Package:
- 5- 8inch In Ceiling Speakers
- 1- Subwoofer
- 1- Denon AVR
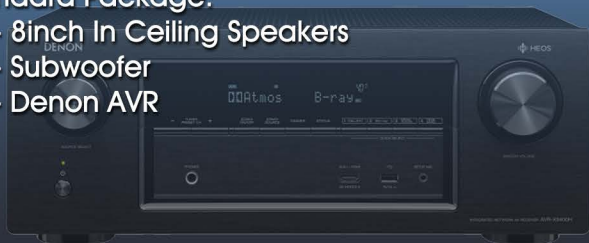
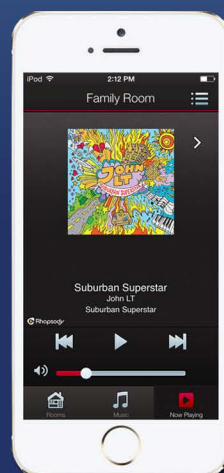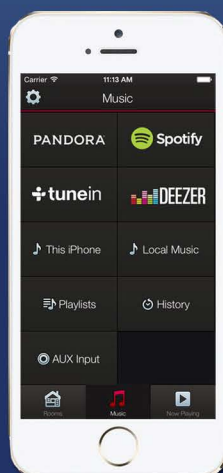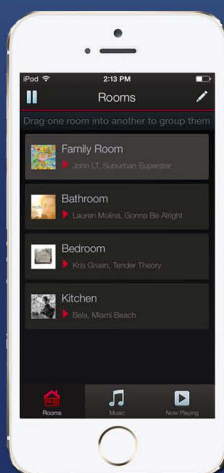### NILES — Theatre 7.1 Surround Sound
Standard Package:
- 7- 8inch In Ceiling Speakers
- 1- Subwoofer
- 1- Denon AVR

HEOS: Zone/Room controlled Speakers
An expandable system with excellent sound quality,
Multi-Zone enabled and app controlled

Denon/HEOS: AVR
Heos App integrated Theatre System

BLUSTREAM
AV Switching and Media Control

BLUSTREAM MATRIX

HDMI Distribution

Base Package: 8 Sources + 6 Screens
1 HMXL88 V2 Matrix
6 Display Connections

The blustream HDbaseT matrix allows users to store all media sources (Apple TV, Foxtel, Bluray etc) out of the way but have access to each device on any TV connected to the matrix.

The built in IR control gives the ability to use remote controls at any TV in the house to control media sources.

With the ability to integrate with control systems, such as ELAN, control can be no further away then your phone or tablet.


BLUSTREAM MATRIX

Multicast System
BLUSTREAM MULTICAST

Package determained based on project scope

The multicast system provides the ability to distrbute 4K media sources (Apple TV, Bluray, Foxtel etc) to connect TVs through a dedicated media network, seperated from the users Home Data network.

Multicast UHD from Blustream delivers virtually latency free distribution of HDMI video over a 1GB Network switch. Using lossless compression technology. The beauty of Multicast is its flexibility and ease of installation.

The Multicast System also has easy integration with third party control systems, such as ELAN

BLUSTREAM

Example Schematic
HMXL88-V2
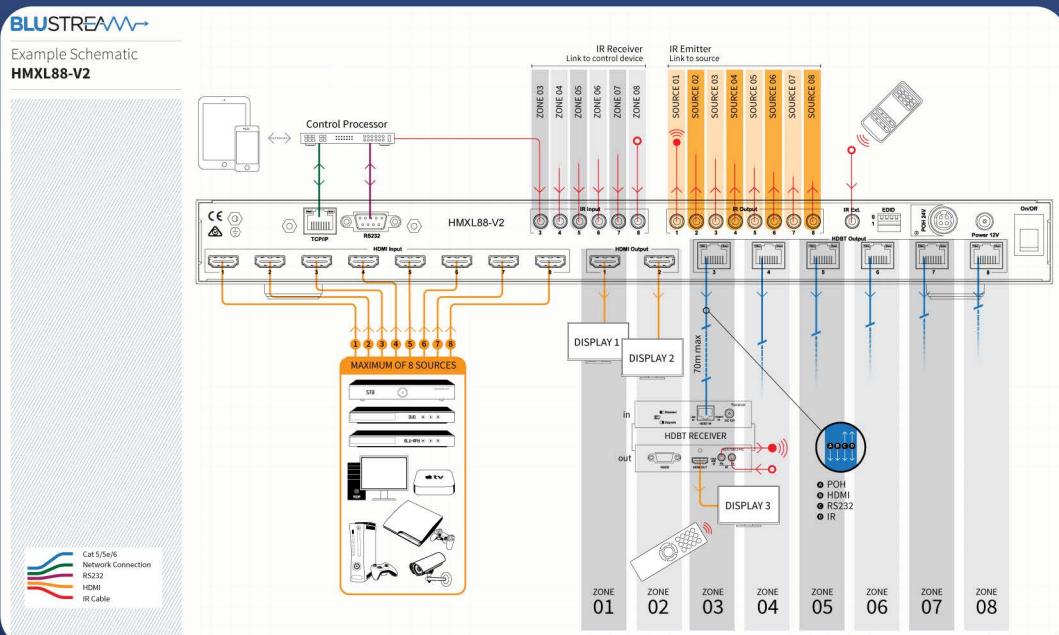
info@positivepulseelectrix.com.au