CEDIA MEMBER

Installer:
Link It Solutions Ltd

Architect:
Michael Jones Architects Ltd

Type of Project:
- Home Control
- Renovation

Project Dates:
February 2021

LINK It SOLUTIONS

Case Study:

Coach House

INTRODUCTION

Link It Solutions was recommended to the owners of a luxurious London home by an architect working on its renovation.

The owners wanted a comprehensive smart solution, and our team worked closely with them and their architect to understand their requirements.

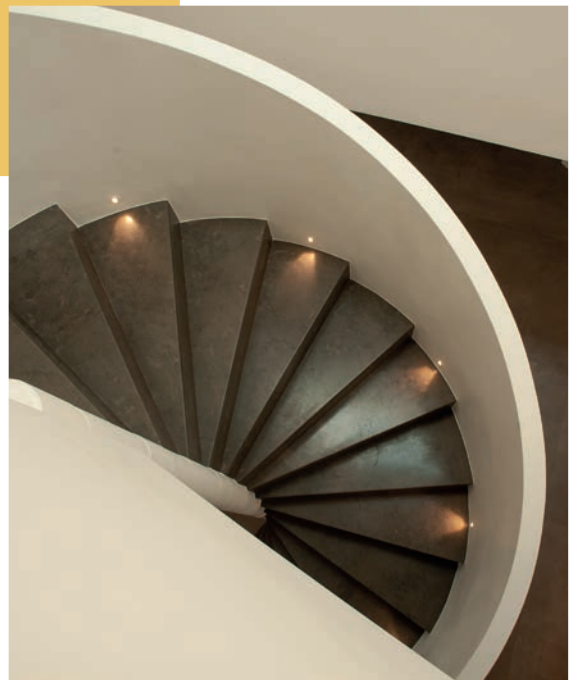
Our solution and design met all their expectations. Their home was seamlessly brought together by an Elan home automation solution that allowed them to control every aspect of their smart home through remote controls, tablets, or phones.

SMART LIGHTING

Lighting is key to setting the ambience of a home, as well as highlighting its features and pieces of art. Our team collaborated closely with the architect, interior designers and home owners to create an intuitive lighting control system.

Flexibility was a key consideration, so we chose Rako lighting controls. We installed 16 lighting zones that comprised 32 circuits, five LED controllers and 11 smart switches to ensure just the right lighting of internal and external areas.

The lights could also be controlled through smart wall panels, remote controls, tablets and phones. The owners could even switch their lights on and off from overseas.



VIDEO DISTRIBUTION

We installed Samsung Frame TVs in the living room and master bedroom, as well as infrastructure wiring for future TV access in all other rooms.

The TVs used built-in ceiling speakers and wall-mounted speakers, and were hard-wired for Internet access. This meant the built-in smart applications on the smart TVs did not rely on Wi-Fi.

AUDIO DISTRIBUTION

Multi-room music is provided by a combination of a digital music streamer and a multi-zone amplifier, using built-in ceiling speakers and wall-mounted speakers.

Six zones had access to music from Spotify, Apple music and worldwide radio stations.

SMART HEATING CONTROLS

The heating system, controlled by thermostats and remote probes, enabled seamless monitoring and control of the temperature of every zone in the house through the Elan interface on remote controls, tablets or phones.

This means the owners could set heating preferences in each room in the home.

SECURITY

This was an important consideration for the owners. So we installed a comprehensive alarm, motion and CCTV system.

While the system was robust, it was also easy to operate from home and while away. Door and gate entry was controlled by 2N IP Solo Intercom Systems, allowing the homeowner to control access via their smart home interface or through their mobile device.

NETWORK AND WIFI

Working from home is now essential, so ensuring adequate Wi-Fi coverage throughout the property was a key requirement for the homeowners.

We strategically wired and installed Wi-fi access points around the home, as well as network ports for bandwidth-hungry applications such as video conferencing calls. Powerful firewalls were installed to ensure network security.

KIT LIST

Control

- 1 x Elan gSC10 controller
- 2 x Elan HR30 handheld remote controls
- 1 x Denon AVR
- 3 x Denon Soundbars

Video

- 1 x Pulse Eight Neo UltraHD Pro Video Matrix
- Apple TVs

CCTV / Security

- A lot of Cameras, Alarms and detection systems
- 2N Gate control for electric gates
- Heating
- 3 x Elan thermostats and multiple remote probes
- Heatmiser UH controller
- 1 x Heatmiser Neo Hub

Lighting

- Rako Bridge connecting all Rako lighting circuits to the Elan controller via the network
- 16 lighting zones comprising 32 circuits, 5 LED, controllers and 11 smart switches.

Music

Configuration of a 6-zone music system sharing music from the Autonomic MMS 1e and Apple TVs using:

- 1 x Elan EL-IPD-MTX-8CH 4 Zone audio controller
- 2 x Speaker Craft Sc2-100 high current amplifier
- 1 x Elan 4KPM-V88-A2416 Video Matrix
- 1 x Autonomic MMS-1e Music streamer

Network and Wifi

- Araknis Wifi Access points
- Araknis Poe/non Poe switches
- Firewall and Router

LINK It SOLUTIONS

Smart Home Experts

Link It Solutions provide comprehensive and user-friendly home automation and entertainment solutions and are Certified Integrators with several years of experience.

As a well-established leader in the industry, the Link It Solutions team aims to create truly unique and bespoke spaces that match and exceed their clients' expectations. From home-cinemas to security solutions, Link It Solutions will go above and beyond to deliver your perfect smart home.

With numerous successful smart home projects completed over the years, Link It Solutions have become a go-to integrator. Their highly qualified and knowledgeable engineers have vast experience designing new smart home systems and upgrading or reprograming your existing system.

Located in Brentford, Middlesex, Link It Solutions offer services to customers in London, Greater London and the South East of England.

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