CEDIA MEMBER

Installer:
Link It Solutions Ltd

Type of Project:
- Home Control
- Retrofit

Project Dates:
December 2020

LINK It SOLUTIONS

Case Study:

The Lodge

INTRODUCTION

Link It Solutions was engaged to bring an imposing eight-bedroom Victorian house in a leafy Kent village into the 21st century.

This big, beautiful house was built in 1887, which made securing good Wi-Fi coverage and working from home difficult for its owners.

We offered a free consultation to understand their needs, then designed a non-intrusive package. We installed ample Wi-Fi, CCTV, access controls and entertainment throughout the property.

VIDEO DISTRIBUTION

There were four TV screens throughout the house, and we installed an ultra-high-definition system that ensured a reliable, easy distribution of 4K video and CCTV images at the touch of a button – via hand-held remotes or touch-screen panels.

The owners now had independent and continuous access to any video sources, including Blu-ray and CCTV, through all TVs in the house at any time.

AUDIO DISTRIBUTION

We installed an eight-zone music system to allow easy access and sharing of audio through the house and garden. We achieved this by installing a streaming music server and zone multi-room amplifiers.

Audio from the TVs was also routed to the speakers installed in each zone. Each music zone had its own independent source choice and volume control.

Rock speakers were discreetly installed in the gardens and courtyards to provide music for entertainment and relaxation.

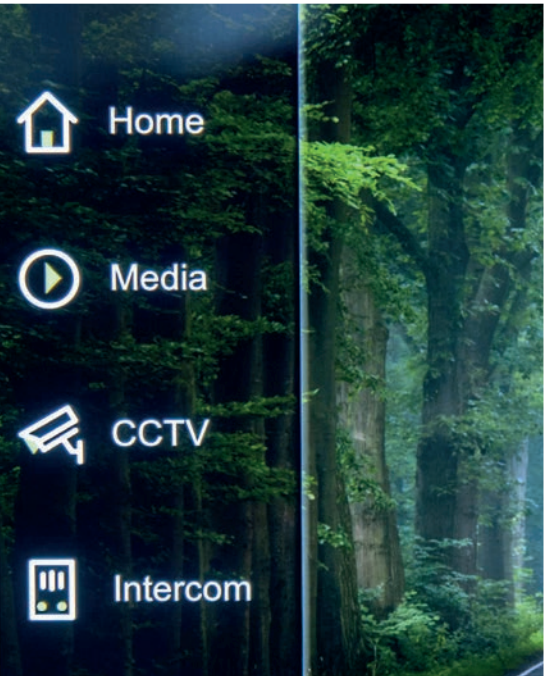
SECURITY

To ensure the home owners' peace of mind, we installed an Elan-based CCTV system with cameras covering the entire perimeter of the property.

CCTV was available through the Elan app and all TVs, and could be accessed by the click of a button on hand-held remotes.

Door and gate entry could be controlled from anywhere via the smart home app on the owner's phone.

CONTROL



The home owner was keen to be able to interact easily with all the features we installed. So we provided Elan hand-held remote controls for the CCTV, audio and smart TVs.

We also installed an Elan ITP8 wall-mounted touchscreen, and configured it to allow access to security and entertainment systems.

All controls were available via the home owner's mobile phones.

NETWORK AND WIFI

Network

For a smart home system to operate smoothly, a stable and reliable network system is required. Link It Solutions delivered this by installing an enterprise-grade firewall to shield their home from Internet threats.

Gigabit switches, structured cabling, and strategically placed Wi-Fi access points ensured the owners could enjoy seamless coverage over the three floors of their property, as well as their garden.

Wifi

Having complete Wi-Fi coverage in a brick-built home with walls a foot thick is no easy feat.

We ran several kilometres of cat6 cables around the property to ensure each TV had a dedicated connection to the Internet.

Computers and VOIP phones in the study also got a dedicated network for wire-speed Internet access. All Wi-Fi access points also had dedicated cable runs, ensuring blanket cover with Wi-Fi at wire speed.

KIT LIST

Control

- Elan gSC2 controller
- Elan HR10 handheld remote controls
- Elan 8-inch Intelligent Touch Panel

Network

- 3 x Araknis Access Points
- 1 x 24 port POE gigabit switch
- 1 x Araknis Router

Video

- Pulse Eight Neo UltraHD Pro Video Matrix

CCTV

- Elan CCTV system
- Elan External IP Turret Cameras
- 2N IP Solo Intercom System with Camera

Music

- Autonomic MMS-1e Music streamer
- 5 x Gallo Acoustic Adiva speakers
- 4 x Gallo Acoustic Adiva SE speakers
- 1 x Gallo Acoustic Profile Sub
- 4 x Gallo Acoustic micro speakers
- Proficient rock speakers outdoors
- 1 x EL-IPD-MTX-8CH audio controller
- 2 x EA-DYN-2D-200 Episode Class-D Amplifiers

Alarm

- Texacom Premier Elite

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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