



An automated home, Trebetherick



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AGW Technologies were contacted by the client with a core requirement to create a simple, single point of control for lighting, audio, curtains and blinds.

This stunning property in Trebetherick has undergone a significant renovation, including an extension which has almost doubled the footprint of the house. Having experienced the benefits of home automation in other properties the client knew exactly what she wanted to achieve.

AGW Technologies worked in close partnership with AMPS Electrical and Lucy Orr interiors to fulfil the clients specific design preferences for her beautiful home. Her main requirement was the convenience of a single interface, from which she could control all the lighting, heating, audio, curtains and blinds throughout the property.



Control4 touch screens and custom-engraved keypads control all the systems from a single interface

The initial stage of the project involved installing the Control4 panelised lighting system. The system controls 32 individual lighting circuits and has over 30 custom engraved keypads throughout the house finished in brushed steel with snow white buttons.

As this was a renovation and extension there were some parts of the house which would remain untouched, therefore we needed a system which could retrofit to the existing parts of the house but keep the same look and feel throughout. This is where Control4 comes into its own as their retrofit options are extensive and match perfectly with their panelised lighting system.

During the next phase we installed a multi-room audio system. This features 5 zones of high quality audio using a 4 zone Control4 matrix amplifier and a Triad single zone streaming amplifier. All played through discreet Triad R28 in-ceiling speakers.

We then moved onto installing a Heatmiser climate control system and integrating it into the Control4 system.

Installing and integrating the Silent Gliss and Qmotion blinds and curtains was the final stage of the project. Qmotion blinds are wireless and battery powered so are perfect for windows where it's not possible to run a power supply.



Silent Gliss curtain tracks controlled via Control4 keypads and touch screens

Once all the basic systems were setup and working, we then personalised everything for the client. All the buttons on the keypads control individual lighting scenes, rather than a single light, this means a push of a single button turns on multiple lights at varying levels of dimming based on the clients exact requirements.

Some of the more advanced scenes also incorporate the blinds and the audio system, for example the Good Morning button opens a certain set of blinds in the bedroom and turns on the clients favourite radio station at a pre-set volume.



Smart sensor closes the blinds if it detects the shower is in use

One of the more interesting features the client has programmed into the system is the ability to close the blinds in the bedroom if it detects the shower is being used. This is achieved using a smart humidity and occupancy sensor in the en-suite.

The client also had a requirement to control the on/off function of her electric AGA so she could turn it on and off remotely to ensure it was always up to temperature before she arrived and didn't need to be left on when they were away.



Electric AGA can be turned on and off remotely from a smart phone or tablet

Installed Systems



Automation & control: Control4 processor, Control4 touch screens, Control4 iOS app



Multi-room Audio: Control4 4 zone matrix amplifier, Triad One streaming amplifier, Triad R28 in-ceiling speakers



Lighting control: Control4 panelised lighting, Control4 retrofit switches and dimmers



Climate control: Heatmiser



Shading: Silent Gliss, Qmotion

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