



Incorporating an all encompassing home automation system mid way through the development plans of a half-completed home brings challenges and stress.

To alleviate the disruption to the young family's busy daily routine, this homeowner called on award-winning system integrators, London-based ClearSphere.

Coming in on the project at this late stage, ClearSphere had to move quickly. At the homeowners' request, the integrators produced the project design in less than a week and completed the project in two months.

ClearSphere designed a fully integrated system on a Crestron home control platform that includes whole home entertainment, lighting control, climate control and a security system.

The Comforts of Climate Control

To ensure ease-of-use, a CP2E control processor and a variety of Crestron touch screens were used. Thermostats and lighting are

controlled with push-button simplicity from virtually anywhere in the spacious home. In addition to the touch screens and remotes, 22 CNX keypads with built-in temperature sensors provide automated climate control.

The temperature for each floor and desired daily climate presets can be set simply and intuitively from any wall mounted TPS-6L and TPS-4L touch screens, or remotely from the TPS-6X WiFi touchpanel and an MTX-3 2.8" wireless handheld touch screen. Occupants also have the convenience of controlling heating and air conditioning remotely via the Internet. The result is an energy efficient home that is always warm in winter and cool in summer without wasting energy.

The Crestron lighting control system enhances the atmosphere with mood lighting scenes, making the most of the stunning John Cullen designed lighting scheme.

With five Crestron 8 channel CLXI-2DIM8 dimmer modules and a DIN-AP2 lighting controller integrated into the home

control system, daily lighting programs automatically turn on exterior and feature lighting in the evening, then switch off at bedtime, conserving significant energy usage and lowering utility bills.

Touch screen interface features a wide selection of one-touch presets - including an 'All Off' switch that shuts off every light in the house - and efficient multi-zone dimming to enhance ambiance and minimize energy consumption.

Multi-room Audio and Video

Control of TVs and music are simple from intuitive, stylish touch screens in each room. High performance multi-room audio distribution using Crestron Adanto amplifiers provides music to all rooms throughout the home.

A Crestron CEN-IDOC allows sharing of Apple iPod® content throughout the home. By placing any iPod in the IDOC all media from that iPod can be distributed to any or all rooms. Occupants can search playlists, genre, and view metadata and cover art from any touch screen or remote. IDOC automatically syncs to the iTunes library without having to undock and connect to a separate computer.

High-definition video is distributed throughout the home from AV sources in the central media rack, allowing the clients to view high-definition pictures from BSkyB, Blu-Ray or Apple TV from all TVs in the home.

Peace of Mind with a Secure Home

Security was a priority for the homeowners. ClearSphere fitted a 4-camera CCTV system with hard drive recorder. All cameras can be conveniently viewed from televisions and Crestron touch screens in the home. Camera images can also be viewed remotely via the Internet using Crestron eControl. Security is enhanced by the lighting control system through its simulated occupancy program, activated when the homeowners are away.

One glance at the Fulham home and it is obvious that ClearSphere exceeded the client's expectations. The result is a luxurious, 21st century smart home that will help entertain, protect and keeps its occupants comfortable without interfering with the home's stylish décor.

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