



## Cross Connect Install New Technologies in House Rebuild

A major redesign and rebuild project in Bingley, West Yorkshire provided the perfect opportunity for Cross Connect to deliver an integrated telecoms, security and audio visual solution for their clients.

The futuristic facelift to the property included a first floor extension, complete interior re-design and a novel covered walkway, which joined the main residence to an adjacent business office.



### The Brief

A key element of the client brief was the installation a wireless hi-fi system, flat-screen Smart TVs and a security alarm system. A further requirement for the office was to install a low cost telephone system that would meet the needs of a growing internet business.

"When we originally planned the redesign of our property we recognised that it was important to think through our requirements for TV, music, security and telephones, so that speakers, sensors and other apparatus could be integrated into the building infrastructure from the outset and therefore eliminate the unsightly wiring which would spoil the clean lines of the interior design," explained property owner Robert Shimmin.

At an early meeting, Geoff Crossley of Cross Connect made recommendations on the systems and options that were available and on how best to integrate them via a network of cabling that could be installed before the final plastering was completed.

Geoff explains, "It is always important to discuss solutions at an early stage with clients, before building work starts and to ensure that networks anticipate future user needs and trends in technology. Our proposal was based around market leading systems, cost effective audio-visual and security solutions and a cabling infrastructure that met customer needs, but was reliable, secure and scalable."

### Wireless HiFi

A Wireless HiFi Sonos Music System was installed in both the lounge and dining area. The system allows the user to stream music and radio from the internet or from personal digital music collections via a handset, smart phone or ipad. Zones can be controlled so that different music can be played in each room or throughout the entire home in perfect synchronisation.

"Geoff and his team recommended the best acoustic locations for the speakers in each room and worked closely with our builders to ensure that the speakers were correctly and discretely fitted into the ceiling. They also installed a concealed, networked hard drive that now allows us to transfer and store all our music, so that it can be read by the Sonos system," said Robert.



### System Features

#### Audio System

- Sonos Digital Music System
- Sonos Controller
- 4 x Audio in ceiling speakers
- NAS Network Drive

#### Smart TV

- Distributed antenna TV
- CAT5e data cable
- Flat screen TV installation
- Wall mounted TV bracket

#### Security Alarm System

- 4 zone alarm system
- Concealed control panel
- PIR motion detectors
- Door contacts

#### Telecoms System

- Broadband
- 2 x additional telephone lines
- 0800 telephone number



## Security Alarm System

A passive infra red security system was installed in optimum locations. Cross Connect ensured that the alarm control panel, wiring to the PIR sensors and door contacts were carefully concealed.

## SMART TV

The installation of data cables to SMART flat screen TVs ensured that they were internet enabled allowing access to a wide range of "apps" including Facebook and YouTube.

It is also possible to view photos stored on the networked hard-drive via the TV screen.



## System Features

### Audio System

Sonos Digital Music System  
Sonos Controller  
4 x Audio in ceiling speakers  
NAS Network Drive

### Smart TV

Distributed antenna TV  
CAT5e data cable  
Flat screen TV installation  
Wall mounted TV bracket

### Security Alarm System

4 zone alarm system  
Concealed control panel  
PIR motion detectors  
Door contacts

### Telecoms System

Broadband  
2 x additional telephone lines  
0800 telephone number

## Client Feedback

"I would strongly advise anyone who is having their house or office re-modeled or redesigned, to first speak to Cross Connect. It makes a lot of sense to plan for the installation of digital technologies before any building work gets underway and to ensure that any network cables are sensitively embedded into the infrastructure of the building. To get the best results it is important to work with companies who can offer wide range of solutions and who can operate flexibly with builders. The service and support we have received across a wide range of requirements has been outstanding. We are delighted with what Cross Connect have done for us and can highly recommend them."

*Robert Shimmin, Bingley, West Yorkshire*

## Business Telephone

The right advice and a change of telecoms provider has resulted in an improved telephone system, better able to meet the needs of the business and at a greatly reduced cost.

Cross Connect arranged for the installation of broadband, two extra telephone lines and a new 0800 number all for £14/month less than the existing contract.



If you are considering installing digital technologies or are planning to renovate or redesign your property then contact

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for a free consultation

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