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buildingintelligence

Who we are and how we work

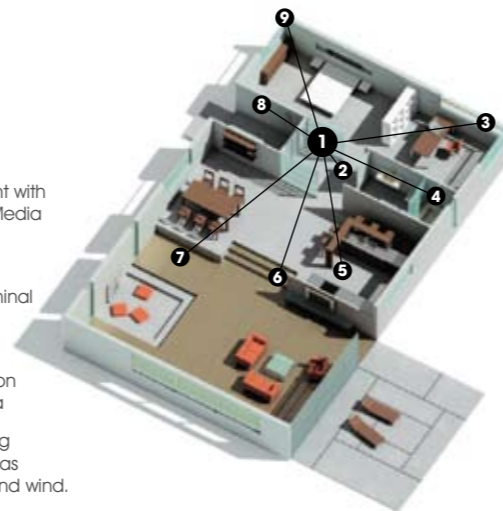
Baulogic specialises in the design, installation and support of intelligent building controls for residential and commercial projects. As an accredited custom installer we integrate all of the electrical and electronic systems in your home or office. These include lighting, comfort control, security, entertainment, and data networking.

Our head office is in Cambridge and we have a base in London. We serve customers throughout the South East of England. We also maintain installations abroad for British customers.

Baulogic has a simple approach to technology; we don't make things confusing and there are no hidden costs. We know every home, building, customer and project is different, so we work with you to fulfil your requirements within your budget and timescale.

Quite simply, Baulogic creates intelligent homes.

- 1 Gira HomeServer 3
- 2 Touch Panel
- 3 Blinds
- 4 Heating
- 5 Lighting
- 6 Home Entertainment with TV with Windows™ Media Center Edition and Multiroom System
- 7 Mobile Internet terminal for controlling the building via WiFi
- 8 Door communication system with camera
- 9 Sensors for detecting weather data such as temperature, rain and wind.



the vision: an intelligent home

Imagine an intelligent home that...

- welcomes you home
- adjusts the lighting to suit your mood or activity
- plays music in every room
- entertains the whole family
- is simple to control
- adapts automatically to your lifestyle
- monitors your carbon footprint
- secures itself automatically when you leave
- can be monitored from your iPhone while you're away
- prepares itself for your return.



designsimplified

Imagine an electrical design that...

- is simpler to plan
- is quicker and easier to install
- is project managed by a single electrical contractor
- will suit any owner
- is future-proof
- appeals to high-end buyers
- is a selling point in its own right.

technologysimplified

Baulogic simplifies your home's technology. In a nutshell...

- a multi-discipline team
- experts in new technology
- inspired by simplicity
- a flexible approach
- adaptable
- client-focussed
- a complete package.

fingertipcontrol



All of the systems in the house are activated and adjusted using your fingertips from ergonomic wall-mounted touch screens or remote controls. What's more, our designer wall switches and touch screens are available in a range of styles to match any décor.

Reduced clutter

Most new homes in Britain today have walls peppered with thermostats, banks of light switches, heating controllers, fan controllers, alarm panels and multi-room audio controllers. All of this clutter can be replaced with a single touch screen or smart switch. Not only is this more attractive, it also cuts down on installation time.



networkflexibility

Just like a modern office building, a smart home uses a structured cat5e network to maximise flexibility for the future. Network sockets are linked to a patch panel in a central location, from where they can be patched to any of the available services. The super-fast network can distribute broadcast TV, Sky+, audio, video and computer data (including internet streaming) to all corners of your home.

Accessible over the internet

You can control and monitor your property over the internet; check room temperatures, find out which lights have been left on and assess energy consumption, be it via your computer at work or your iPhone whilst out and about.

Ready for the future

A Baulogic installation is pre-wired for tomorrow's technologies, leaving the home-owner free to expand the system according to their own timescale and budget. Additions such as a home cinema, or an improved security system, can be installed at any point. And with all the network equipment contained in one central room, the house is future-proof, flexible and fully upgradable for whatever new technology becomes available.

moodlighting

Imagine pressing a button so that the lights in a room adjust to suit your activity, whether you're watching a movie, reading a book, studying, dining or cooking.

Setting the scene

An intelligent home uses 'scenes' to adjust all of the lights in a room to pre-set levels. A scene can also cover more than just one room; for example, a single switch beside the master bed turns off all of the lights throughout the home.

Automated light control

Bathroom lights dim automatically at night, so as not to dazzle, and lights come on automatically as you move around the home. Special features like this are programmed into the lighting controller and are limited only by your imagination.

Security and peace of mind

The system learns your schedule and plays this back when you're away from home, making it appear as though the property is occupied. Since the simulation accurately mirrors your actual behaviour, no one can tell whether you're at home or not, providing the perfect deterrent to burglars.

automatedcurtains

blinds and shutters

Every window in a smart home is wired for electric curtains or blinds. You choose the style of window covering that you prefer and Baulogic links them into the system.

You can install two styles of window covering at each location – allowing you, for example, to have Roman blinds plus black-out blinds in the bedrooms or curtains with privacy voiles in the living areas.

Endless options

With the simple touch of a button, you can adjust the window shadings to suit your mood or the time of day. Open or close all of

the curtains in the house from a button at the front door – handy when you're rushing to leave the house in the morning or arriving home late at night.

Fully automated

In the same way that your lighting can be adjusted automatically, so too can the window dressings. Have them close automatically at night and then gently lift in the morning as you wake. Or link them to the temperature: closing automatically to prevent rooms warming up too quickly in summer or losing too much heat in winter.



sounds**better**

Whether you'd like the entire house filled with sound, different tracks playing in each room, or just one room playing your favourite playlist, the home's intuitive multi-room audio system is ready to entertain you.

The choice is yours

The multi-room audio system is controlled from touch screens, programmable push buttons or remote controls throughout the home. Select the input of your choice in each room, or combination of rooms; stream music from a central media server, listen to a playlist on your iPod through high-quality discrete speakers, enjoy music from a CD player, or relax with an internet radio station.

Future-proof

The multi-room system is pre-wired ready for you to install your preferred equipment. An equipment rack in a central location holds the media server, and sockets in rooms throughout the home are ready for your choice of audio equipment. Some rooms are fitted with high performance ceiling speakers, whilst other rooms have speaker sockets ready for speakers that suit your décor and budget.



popcornis**extra**

Home cinema

Baulogic can supply the ultimate home cinema experience, whether you have a dedicated home cinema room or are using discreetly hidden technology in your living area.

Touch screen technology allows you to select which media is playing, whilst 7.1 surround sound and full 1080p high definition video provide a cinema-like experience in the comfort of your own home.

Distributed video

The integrated video distribution system makes your entire DVD library available in all rooms of the home simultaneously. It also allows you to access online services such as BBC iPlayer, YouTube, web applets and travel and weather reports.

It's an entertainment experience that only a Baulogic smart home can offer.





safeashouses

Baulogic's integrated alarm offers unparalleled security and peace of mind for you and your family. It automatically arms itself during the day when the house is unoccupied and alerts you via your mobile if it detects any unauthorised access.

Covering every window and door

Self-powered wireless sensors that do not require any batteries provide an inexpensive and reliable way to monitor every window and door throughout your property.

Pretending you're at home

When you're not at home, the house can be set to simulate occupancy, to deter any would-be intruders. The status of the house can be viewed and altered over the internet from anywhere in the world.

Fire safety

Smoke detectors warn occupants with an audible alarm and automatically illuminate and unlock the safest exit route. And, if you're not at home, an alert is sent to your mobile to warn you of the danger.

knockknock

When visitors arrive at your front door or gate, you can talk to them and see them from conveniently located touch screens around the house, and release the gate to let them in.

Guiding you home

When you arrive home, you can open the gates using a remote key fob. This also disables the house alarm and turns on the driveway lights to guide you to the front door.

Remote access

And when you're away from home, you can provide remote access to the grounds for delivery men or workmen while you're at work or relaxing on the beach.



toastywarm

heating solutions

An intelligent home from Baulogic optimises the environmental control according to the way you use your home. The temperature of each room is displayed at conveniently located touch screens, and you can alter any room's settings from anywhere in the home. You can even review graphs of historical energy usage to analyse the performance of the heating system.

Comfort and convenience that saves energy and money

The system controls all forms of heating in the home, including radiators, under-floor heating and heated towel rails – and air conditioning too. One push of a button will warm up your guests' towels, whilst another will turn the guest room off - saving both energy and money. Presence sensors in sporadically occupied rooms automatically reduce the temperature when the room is unoccupied, and return the heating to full temperature when the room is in use.

Precisely controlled

Each room's temperature is measured electronically at shoulder height – not close to the radiator like traditional thermostatic valves – and boiler cycling is eliminated at source. This provides much better control of the room's temperature, saving energy whilst ensuring you feel comfortable at all times.



savingmoney

saving the planet

A Baulogic installation can reduce the running costs of your property by up to 40%.

Thanks to advanced installation techniques and an intelligent approach to minimising energy consumption, Baulogic will cut your carbon emissions.

Imagine a smart home that...

- turns off lighting and heating when they're not required
- reduces the temperature in unoccupied rooms
- minimises passive solar gains using automated shutters
- boasts attractive energy-efficient lighting
- incorporates energy-efficient heating
- employs alternative energy sources such as air or ground source heat pumps
- provides visual feedback of energy consumption patterns
- works to save you money
- reduces your carbon footprint.



commercial applications

Residential blocks, offices, schools, hospitals, factories and other commercial properties also benefit from intelligent controls.

Reducing waste

How often do you see empty office blocks at night with all the lights left on? This is wasteful, costly and completely preventable. A smart building knows when it is unoccupied and turns the lights and heating off automatically.

Centralised control

Larger properties particularly benefit from centralised control and monitoring – of lighting, heating, CCTV and security. In residential blocks, corridors and stairwells can be monitored remotely by the estate managers, ensuring that any issues are promptly addressed.

global standard

Baulogic uses KNX technology, the only building management system recognised as a European and international standard (CENELEC EN 50090, CEN EN 13321-1, ISO/IEC 14543-3). Why use a proprietary lighting system when you can install a system that is supported by all major European electrical manufacturers, with almost 7,000 KNX certified products available in a massive range of styles?

Lead the way in intelligent home technology

KNX has been used in major high-profile UK projects including Heathrow Terminal 5, the British Library and St Pancras International, plus a wide range of residential projects both in the UK and abroad. Your smart home will lead the way in intelligent home technology.

Intelligently cabled

All of the systems in the house are linked using a single control cable. This KNX cable acts as an electronic back-bone, distributing commands throughout your home.

Using a single, non-proprietary cable to interlink the home's electronic systems significantly reduces the amount of cabling that is required. And it is easier to extend the system if your needs change in the future – just tap into the ubiquitous KNX control cable at the nearest point. In short, it is simpler, cheaper and more flexible.





Contact us to discuss your project:

2 Hills Road
Cambridge CB2 1JP

T: 01223 866966
E: info@baulogic.com
W: www.baulogic.com

