



avi



**MODERN ENERGY EFFICIENT
SMART WIRING SOLUTIONS**

AVI evolved over the last 8yrs from an Electrical Installation Company due to a growing demand from Self Builders and Developers who wanted to take advantage of new technology, but couldn't easily find the "technical know-how" from Electricians alone.

We decided on a "One Stop Shop" approach to provide a full Electrical Wiring installation service that included Security, Audio Visual and Energy Efficient Automation systems alongside the supply of reliable equipment packages using products that worked well together.

We specialise in designing and installing customised future proof Wiring Systems to cater for any type of project or budget. We offer a high degree of professionalism by managing all aspects of the project from Systems Design, to Installation and Commissioning with a single point of contact for all queries.

Our commitment to a quality service is borne out by our satisfied Clients who are always happy for us to use their testimonials.

...guaranteed reliability





...wire your new home for 21st Century living

The Wiring system installed during construction is usually the one you will have to live with for the next 25-30yrs. Deciding how many, or where to place Power Sockets, Light Fixtures and Switches is easy. Electrical Safety is well covered by the current Wiring Regulations however, 90% of all new homes currently under construction are still being wired for Lighting, Heating, Telephone and TV services just as they were 30yrs ago with no allowances made for today's Modern Technology or the need for greater Energy Efficiency.

AVI's Enhanced Wiring Systems add as little as £500.00 to the installation costs depending on specification. Installing a Modern Wiring backbone will pay for itself time and again allowing your new Home to adapt to new technologies as they emerge to change the way we live during the next 25-30yrs.

Let AVI take the worry out of planning a 21st century wiring system for your new home.



Energy prices have “gone through the roof” lately making payback periods for modern Energy Efficient control equipment decrease dramatically. Building Control Officers insist on some energy saving measures however, leaving efficient Heating and Lighting control systems for the Electrician and Plumber to sort out, may not always produce the best solutions.

Taking control of Energy costs can be as simple as fitting Occupancy Sensors instead of Switches in WCs, Entrance Lobbies, Halls/Corridors or Stores. Good quality energy efficient Heating control equipment and appropriate Wiring systems will pay for themselves many times over during the lifespan of your new home

**...convenient and
energy efficient**

Whether we wanted it to, or not, new technology has changed our lives during the last 30yrs. Home Entertainment systems, HD and 3D Televisions, Game players, Blu Ray DVD players, Home Computers and Laptops all look for an Internet Connection via various different means. Wi-Fi or Wireless networks have improved much during the last 10yrs however they don't work well for every type of use or in every type of new home construction (i.e. Re-enforced Concrete or Steel Frame). All of these types of devices require a high quality *Wired* network/internet connection to work properly.

...the age of “high definition and internet ready”



Modern High Definition TVs, Satellite Systems, Games Players and Blu Ray DVD systems all use HDMI cables to carry the HD signals between them. These cables are specially designed to protect Movie and Game makers copyrights. This means that special HDMI distribution equipment and the appropriate Wiring is needed to allow the HD images/sound to be sent to a wall mounted TV (as shown below) or to more than one TV at a time . These wires are often completely forgotten about and as mentioned earlier, they are relatively inexpensive to install since the TV points would normally be wired for standard Terrestrial TV, the only extra cost is the HD cables and their connections.

**...affordable
wiring solutions**



Your new home should provide you with Comfort, Enjoyment and Security in equal measures. AVI can provide a full range of equipment starting from simple energy saving Heating/Lighting controls or basic Intruder Alarms to “whole house” Automation systems, CCTV and HD Audio/Video distribution systems. The Level of equipment fitted will depend on your current budget however, we are more than happy to just install the right wiring now and leave your new Home ready for the future when you are.

...a home for
this century



- MODERN TECH. SERVICES AND ELECTRICAL WIRING INSTALLATION
- ENERGY SAVING LIGHTING AND HEATING CONTROL SYSTEMS
- INTRUDER/FIRE ALARMS, CCTV AND GATE ACCESS SYSTEMS
- HD SATELLITE, HD TV AND DVD DISTRIBUTION SYSTEMS
- TELEPHONE, HI SPEED WIRED AND WI-FI DATA NETWORKS
- HOME AUTOMATION, MULTI ROOM AUDIO AND HOME CINEMA SYSTEMS

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