

Located in a small Oxfordshire village, this radically designed property faced many challenges in bringing together technology and aesthetic features to create a comfortable, practical living environment with stunning green credentials whilst retaining the adventurous nature inspired by the building design.



CASE STUDY

▶ OVERVIEW



The brief for the project was to create light open plan spaces and utilise the latest in eco-friendly systems including lighting controls working together as part of a property wide wirelessly controlled system. The client had previously selected a separate PC based touch-screen control system to be the main user interface and the Evolution system from Mode Lighting was selected to link in with the PC system.



The highly flexible nature of Evolution allows control of the open plan areas and individual rooms including blind controls and whole house commands for welcome and exit settings, party modes etc. Lighting and blinds are controlled by either the Evolution keypads located at regular switch positions or by the wireless control system.

A selection of conventional switches, single gang push button control plates and double gang sized control plates with LCD screens, for menu-driven control, were used to operate the lighting and blinds throughout the house.

▶ CLIENT BENEFITS



With an Evolution system installed, features not used initially can be programming in later to allow the control system to adapt with the changing use of the property as lifestyles change, demand for energy efficiency and energy savings increase. Features available to the home owner include further integration with AV equipment, Automated control to mimic occupation, security interfacing, control of colour changing fixtures and more.

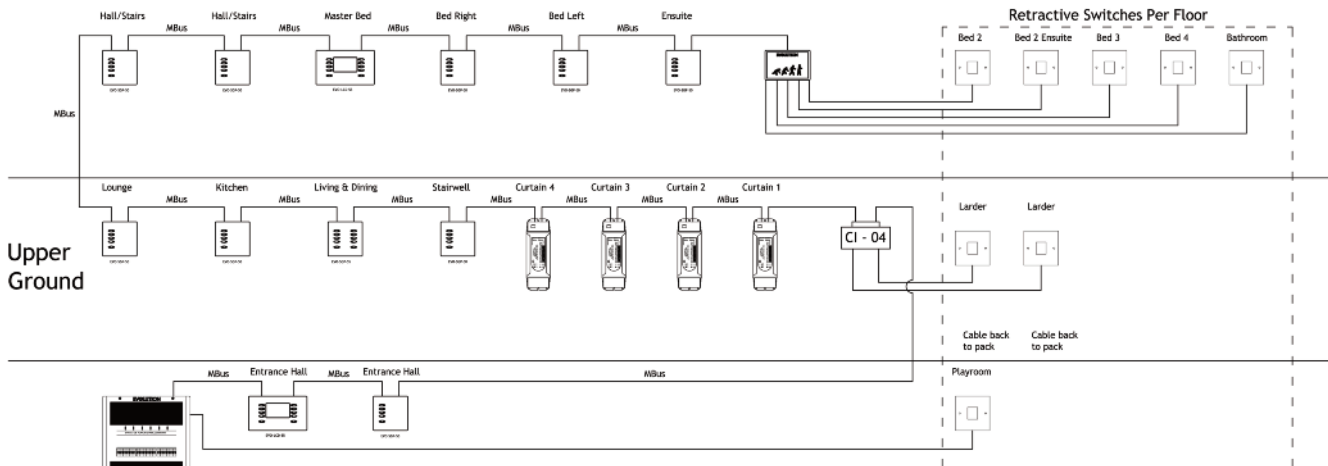
▶ INTEGRATION



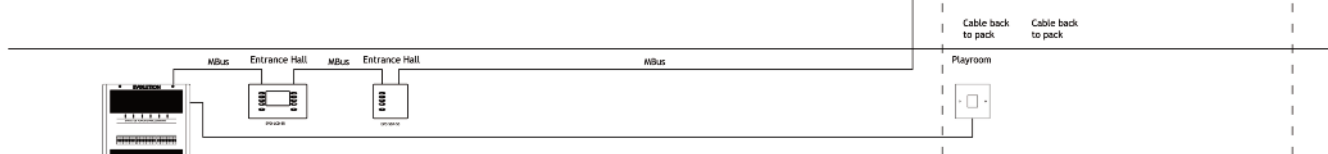
The PC control system was based around the StarDraw™ controls package. This links seamlessly with Evolution through a RS232 connection enabling the PCs and wireless panels to mimic the functions of the keypads as well as providing further layers of control where required for individual circuit control, security overrides etc.

▶ THE INSTALLATION

First Floor



Upper Ground



Lower Ground



▶ THE COMPANY

Mode Lighting work closely with Lighting Designers, M & E Consultants, Architects, Quantity Surveyors, Developers, Electrical Contractors and AV Specialist installers to ensure the right solution is provided for each individual project. Products designed and manufactured by Mode Lighting include control systems, electronic transformers LED production facilities. Nearly 40 years of experience in these areas has lead to the creation of a worldwide network of satellite offices, distributors and dealers to provide local sales and technical support to clients on Mode products.



CONTROLLING THE FUTURE OF LIGHTING

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