



# CASE STUDY

Evolution of home automation at 93 Esdale Street Development  
Nunawading, VICTORIA



“Legrand has helped us attain a seven-star rating or higher for each unit in this development and complete the project to the highest possible standard.

The technical capabilities of the Legrand solution – **coupled with the aesthetics of the visible elements** – have helped us to achieve our design vision in all areas.”

DAVID LANG  
Owner of Mansion Builders

## Matching form with function: the latest evolution of home automation

Home automation allows unprecedented levels of comfort and convenience to be attained. A six-unit development in Nunawading, Victoria, demonstrates how the latest solutions can be leveraged to create homes where technology works seamlessly with its occupants.

### Taste for technology

When owner of Mansion Builders, David Lang, began the design work to develop six units in Nunawading, his goal was to create smart, modern and tasteful homes that were eye-catching, practical, user-friendly and energy-efficient. He is a firm believer of taking advantage of the opportunities made possible by the latest product development, but instinctively understands that technology should not be used for its own sake.

Lang is fortunate in enjoying a long-standing relationship with electrical contractors, Jen-Electrix, that has spanned over 30 years of residential, commercial and industrial projects. So when Bruce Jenkin and Josh Winther from Jen-Electrix recommended the inclusion of the latest Legrand automation solution, *MyHOME*, Lang was intrigued to see how this could enhance his Nunawading development, especially as he had previously utilised a wide range of Legrand products in numerous past successful projects.

### Appropriate automation

*MyHOME* automation has the ability to effortlessly and efficiently control lighting, heating, cooling, security and window dressings, as well as monitoring energy and water consumption throughout a property. However, with such a comprehensively capable system, the challenge for a developer is to decide which features are appropriate to include in a project and which to leave out.

Focussing on their target market, Lang, Jenkin and Winther agreed the best approach for this development was to use *MyHOME* predominantly for lighting automation, with integration to the Legrand Bticino Sfera intercom.

As part of the *MyHOME* solution selected for this project, a 10-inch touchscreen provides the main user interface in each of the units' main living area. This facilitates central control of the lighting throughout the house, plus the ability to monitor the power used by the energy-efficient LED lighting. For added convenience, an additional 3.5-inch touchscreen provides full control of the system from each unit's master bedroom. Alongside the *MyHOME* platform, Lang installed Legrand *Harmony* boxes to distribute telephone, data and TV sockets throughout each home.

### Setting the scene

One of the most popular aspects of *MyHOME* automation is the ability to create a library of lighting 'scenes'. For example, at the simple press of a button, it is possible to select an 'Entertainment' scene or a 'TV' scene in which the lighting levels are dimmed to optimal levels

to create the perfect ambience for the planned activity. The 'scene' feature can similarly be utilised to create a 'Welcome Home' scene—illuminating a pathway to the kitchen, for instance—and this can even be activated automatically through the use of sensors.

Equally, 'Morning Wake Up' and 'Goodnight' scenes can be set to gradually dim lights up or down at the beginning and end of the day, while the security conscious will enjoy programming automatic switching/dimming of the lighting to make the house look occupied when it is not. The units also have sensors to control the outside lights, which detect the presence of a person but only activate after dark.

An exciting feature that takes security to the next level is the ability for occupants to control the lighting remotely via an app on their smart devices. Compatible with both Android and IOS, this allows residents to adjust lighting remotely when not actually at home.

### Future flexibility

Lang is extremely happy with the outcome of the project. He has enjoyed the journey in transforming two tired, weatherboard houses into six stunning, state-of-the-art, modern townhouses, and is full of praise for the support he received from the Legrand team from design inception through to completion. The Legrand solutions chosen for the development has helped Lang match his vision with reality: *MyHOME* delivers a level of sophistication that is perfectly complemented by the chic style of the Legrand Arteor wall plates used throughout.

As home automation is becoming more widely understood and accepted, it is inevitable that the market will see an increasing use of such systems. Legrand's *MyHOME* provides an infrastructure backbone that allows the system to be programmed to meet the exact current requirements of the occupants, and easily reprogrammed or augmented to meet changing needs over time, as families grow or when the house is sold, for example.

It truly can be considered an investment into the longevity of a property: it delivers inherent energy efficiency and unprecedented levels of flexibility, thereby providing an assured way to future-proof your home.



## PROJECT SNAPSHOT

Project: **93 Esdale Street six-unit development: one two-storey four-bedroomed unit; one two-storey, three-bedroomed unit; two two-storey two-bedroomed units; and two single-level three-bedroomed units**

Location: 93 Esdale Street, Nunawading VIC 3131

Owner: Pamela Lang

Developer/builder: David Lang, owner of Mansion Builders

Draftsman: Garry Appleton, Design Drafting

Products:

- Legrand *MyHOME* automation
- Legrand *Bticino Sfera* intercom
- Legrand *MyHOME* 10-inch touchscreen
- Legrand *MyHOME* 3.5-inch touchscreen
- Legrand *Arteor* wall plates and switches
- Legrand *Excel Life* wall plates and switches
- HPM bathroom LED ducted instant heat lights
- HPM exhaust fans
- Legrand group metering enclosure
- Legrand surge protection
- HPM *Harmony* box
- HPM daylight switch



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