



Case Study – Element



ELEMENT

Located on The Esplanade at Burleigh Beach in QLD the 'Element' twin tower development by Amalgamated Property Group features 36 luxury apartments overlooking the surf and sand of the Pacific Ocean. Development approval for the project sought a green star rating that was achievable by providing in-home displays of energy meters to each apartment.

THE CHALLENGE: SUSTAINABLE LIVING WITH STYLE

The developer of Element, Amalgamated Property Group, wanted residents to enjoy life in a truly green building, without compromising the benefits and comfort of a premium apartment complex.

All residents were provided with standard services such as intercom, air conditioning and access control, as well as the ability to monitor and control their energy usage. All this was delivered without the clutter of multiple wall panels or touch screens.

In other words, they wanted the best of both worlds. Switch worked with Heyday Electrical to create an integrated automation solution that extended complete functionality to each apartment and blended with the Element's existing design.

THE SWITCH SOLUTION: MULTI-TASKING TOUCH SCREENS FOR GREENER LIVING

Switch installed in-wall touch screens in each apartment capable of controlling lighting, air conditioning, intercom, and energy monitoring. The stainless steel bezel of the touch screen was designed to match the kitchen fittings, ensuring consistency in interior design.

Interactive graphs were included in the touch screens, providing residents with information about their energy, water and gas usage over a year, month, week or day. Energy prices were also programmed into the displays, allowing up to five years of energy costs and usage to be calculated and recorded.

The energy graphs also provided a building average overlaid against individual apartment usage, allowing residents to compare their own usage against that of the building average. This provides a good incentive for people to modify their behaviour, and reduce overall energy consumption.

Residents were also given the ability to send and receive high quality video messages from the front door, and enter the building without the use of keys.

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RESULTS: A NEW STANDARD IN SMARTER, GREENER APARTMENT LIVING

The Element project has proven that apartment living in the green era does not require compromises in terms of luxury or aesthetic style. Apartment owners have all the conveniences the latest technology brings, and can monitor and control their energy usage without the unnecessary complexity and clutter of multiple controls.

The integration of energy monitoring and management into the Switch touch panels allows apartment owners and the body corporate to run an energy efficient building, enjoying lower utility bills as well as the increased reputation value of living in a greener building.



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