

PENINSULA RESIDENCE

PROJECT DETAILS

Build Time:	3 years
Completion:	February 2018
Size of Home:	120sq
Contract Type:	Client appointed
Points of note:	Awarded by NECA, Master Electricians and CEDIA for best Residential Project for 2018.



PROJECT SCOPE

Engaged from the early planning stages, Argus Technologies provided full electrical and smart wiring consultation followed by complete wiring and installation. With the owners wanting a simple and easy to use system, the project features the following:



NETWORKING

- Fully Managed Ubiquiti Unifi Network
- 6 x Unifi Wi-Fi Access Points, for full home wireless connectivity and 2 x 48-Port POE Network switches
- Network infrastructure consisting of 2 x 42RU Data Racks and 96 x Cat6 Data Points



CONTROL SYSTEM

- Control4 Home Automation platform
- Single App, with remote access proves integration and control of Lights, Shades, HVAC, Audio/Video and Pool equipment.
- Smart home voice control via integration with Amazon Alexa
- Weekly site back-ups to cloud infrastructure



LIGHTING

- Clipsal C-Bus Lighting control system with 174 x lighting circuits
- Saturn C-Bus switches as standard, with eDLT switches in all bedrooms and main living areas.
- Motion sensors and timers to secondary areas, with lighting scene integration into both the Security and Control4 systems
- Automatic scheduling of landscape and night-time lighting.



SOUND & ENTERTAINMENT

- Control4 HDBaseT Video Matrix distributing 5 Video Sources to 6 x Televisions and 1 x Theatre system
- 7.2 Dedicated Home Theatre with JVC 4K Projector, 147-inch Cinemascope screen and M&K speakers
- Control4 Audio Matrix distributing 8 Audio Sources to 10 Audio Zones.
- 30 in-ceiling/on-wall speakers plus amplification



COMFORT & CONVENIENCE

- 7-zone HVAC system fully integrated into Control4
- 11 x C-Bus controlled motorised blinds.



GENERAL ELECTRICAL

- Wiring, supply and installation of all home electrical infrastructure
- 2 x Custom built switchboards and Integration with third-party provided battery back-up/solar system
- 100 x PowerPoints, 447 x Light fittings, LED Strip lighting and wiring to all Kitchen appliances, Lift, Pool, Sauna, and HVAC.
- Installation of extensive customer provided custom light fittings
- Installation of winch system to chandelier
- Wiring and supply of XX light fittings to extensive landscape areas

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