

Meshing with Georgie Case Study





Electrical Contractor: HagAmp Electrical

A Powermesh Connected Home solution recommended by HagAmp Electrical.

As connected home technology becomes more affordable, it is also becoming more valued by people with disabilities. In this case study, we see how a retrofit Powermesh installation has made the life of NDIS (National Disability Insurance Scheme) participant, Georgie far more independent than before.

Primary school student, Georgie was born with Geleophysic Dysplasia, a condition characterised by short stature. Unable to reach the light switches in her home, turning on hallway or bathroom lighting always required the assistance of a parent.

Over the years, it has been both Georgie's wish and that of her parents, for her to become more independent. They began to consider smart home technology and specifically voice control of lighting as a solution that could help.

Listed as an NDIS participant, Georgie qualifies for financial assistance for modifications to the home. One of the many modifications recognized by the NDIS is smart home technology.* Georgie's parents reached out to electrical contractors, HagAmp Electrical to assist.

Based in Kelso NSW, HagAmp suggested a Powermesh connected home solution. Powermesh switches and power points are easily retrofitted and do not require any special wiring. Switches and sockets are easy to set-up, can be programmed as timers and schedules and also be used in conjunction with touchscreens and voice control speakers.

Powermesh connected home switches and power points are designed and developed in Australia by Zimi and distributed by Trader GSM. Once installed, each Powermesh switch is paired with the Zimi App via Bluetooth on either a phone or tablet.

Once paired, the homeowner can operate lighting and devices at the switch or via the Zimi App menu to turn lights on or off, dim lights, set up a schedule or a timer within seconds.

In this installation, HagAmp also cleverly utilised a Powermesh feature known as "Behaviour Link." In the bedrooms, hallway and bathroom, two separate Powermesh switches were installed; one at Georgie's height and another one directly above for her parents and siblings to use. With Behaviour Link, the Zimi App is able to establish Georgie's switch as the Master switch and the one above as the Slave switch. This creates multi-way switching without the need for a strapper cable inbetween, saving both time and labour for the installer.

To achieve the desired outcomes for Georgie, a Zimi Cloud Connect was added to the installation to enable Powermesh with Wi-Fi access. Once enabled, the Powermesh network can be shared with other apps and devices such as Alexa or a Google Home Hub.

Zimi is a Google enabled partner and so linking the Google Home Hub to the Zimi Cloud is easily achieved via the Google Home App. Instantly, the Google Home App becomes another control point to the Powermesh network, allowing Georgie to turn Powermesh light switches on or off in her bedroom, hallway or bathroom areas.

The Google Hub is also a speaker so Georgie can also use voice commands to switch lights on or off in these areas.

Unlike many home automation systems, a Powermesh installation is economical, as switches and power points only need to be installed where required, using existing or traditional wiring methods.

Georgie, her parents and the installer HagAmp electrical could not be happier with the results.

"Georgie loves technology," says her mother. "She mainly uses the lower switches but if she's lying in bed, she can voice command the hallway lighting. This home modification has been a very practical addition for us."

Delivering a connected home solution for Georgie is a wonderful example of how Trader can help create a perfectly connected home. If you have a similar project that you would like discuss with Trader, please reach out to us.



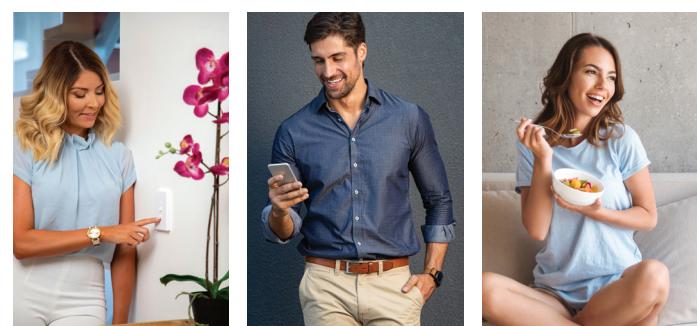
Georgie can control the Powermesh network with a Google Home Hub by touch or voice.

Powermesh Connected Home Products



Powermesh switches positioned within easy reach for Georgie

Unlimited possibilities with Smarter Switches by Zimi.



Use the switch

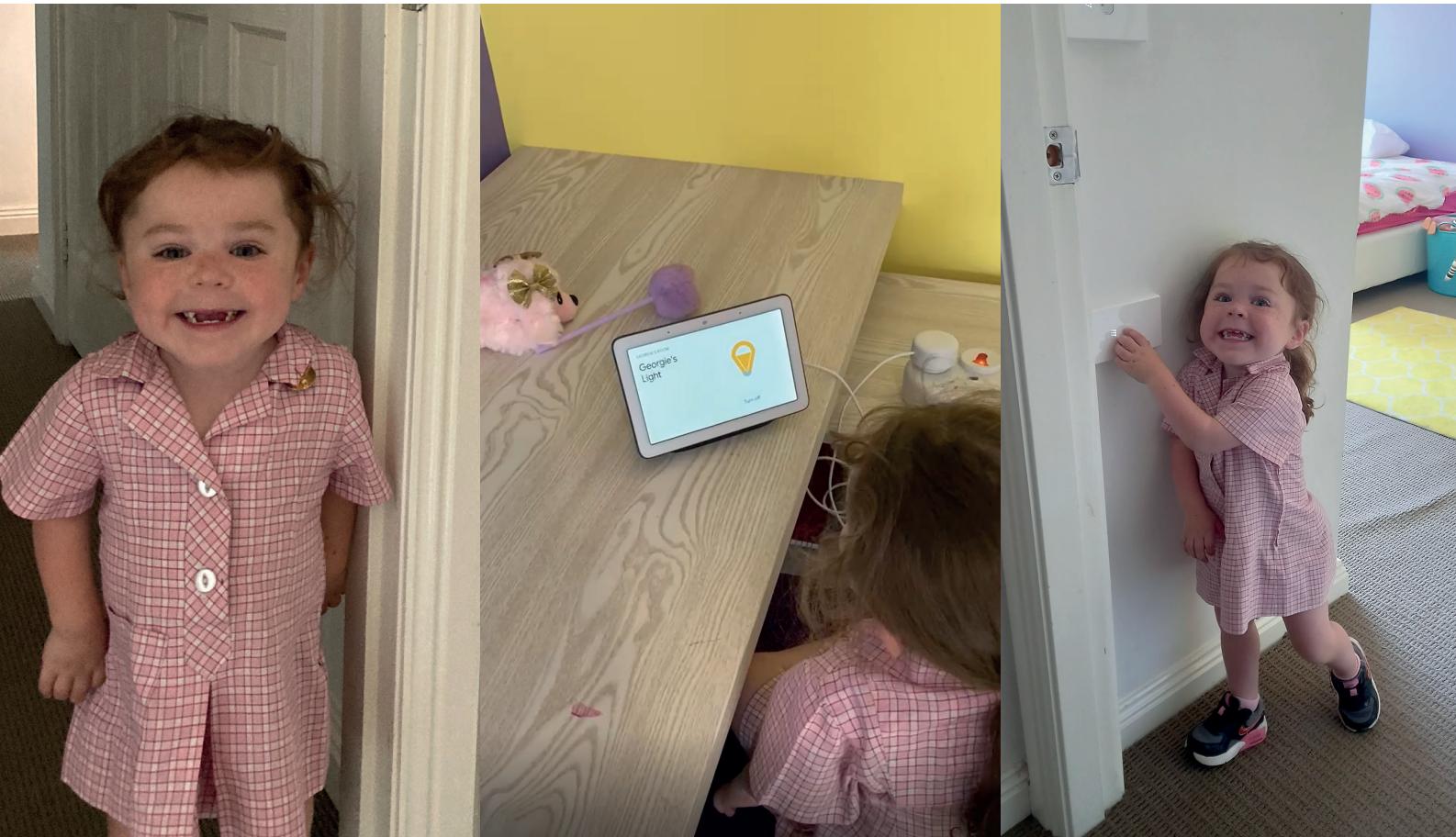
Simple control that makes everything smarter at the switch.

Use your phone

Extend control beyond the home with everything on your phone.

Use your voice

Hands free convenience with your favourite voice assistant.



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Call: 1300 301 838

For Major Projects:

Pippa Hemmings

Director, Major Partners and Projects

Pippa.hemmings@gsmecom.au

M 0451 028 484 | T (08) 8122 2382

