

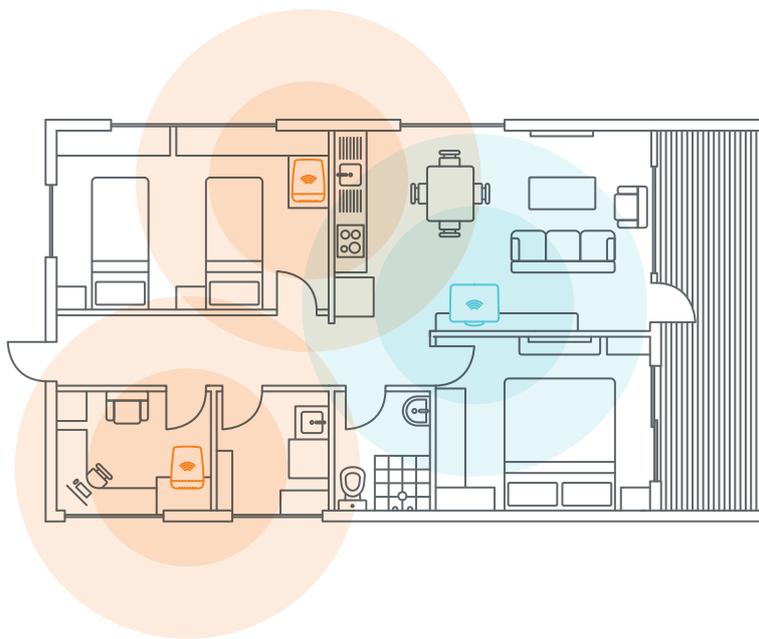
# WHOLE HOME WI-FI

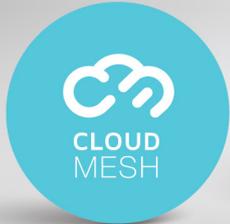


## Why do you need it?

2020 has seen an increased reliance on home Wi-Fi solutions to connect numerous devices, with the added challenge of a rise in at-home work. This current-state reliance on home connectivity services has meant that more devices are connected to networks, and these devices are often spread further throughout the premises.

Almost one in two Australians surveyed in a Telstra study say that there's certain rooms in their homes they won't take connected devices into, the coverage is that poor. Navigating the home environment, where the services delivered are reliant on the customer placing the device/s in positions that the Gateway or wifi access point can provide coverage to. Thankfully, Residential Gateway solutions are rising to the challenge. The introduction of mesh products into the market is a significant step forward in home connectivity technology, providing a true whole-home Wi-Fi solution. By deploying a mesh-enabled Gateway, customers are able to pair this device wirelessly with mesh-enabled wifi Satellites, delivering reliable, fast whole-home Wi-Fi.





## Simple Wi-Fi troubleshooting issues are solved with the introduction of a mesh-enabled solution.

If physical obstructions, distance limitations or interference (typical in urban, apartment-style living) are impacting signal quality, placing a Satellite in multiple locations around the home will deliver consistent, comprehensive service that doesn't frustrate or confuse. Whereas an 'extender' type device will still degrade signal quality the further you move from the Gateway, a Satellite will still provide high-quality signal strength, as it is a part of the network, not an extension of it.

These Mesh solutions come with simple installation instructions, and utilize mobile App technology to help you better understand device placement, as well as providing valuable diagnostic information that helps deliver a better service – in particular enabling smoother, more comprehensive offsite support.

As the home environment changes over time, the network will evolve. Satellites can be added or moved, and they are always adapting to the environment around them. This includes even moving to a different Wi-Fi channel to provide the optimal service to the end user. With the rise of connected devices throughout the home, the need to continuously and effectively adapt Wi-Fi services will only become more crucial as we move forward.

Once deployed, setup and connected, a significant uplift in Wi-Fi performance across the premises provides a better overall experience to the customer, and makes supporting that customer easier for the service provider. Casa Systems CloudMesh portfolio of products makes deploying a whole-home mesh-enabled solutions simple and easy. Pairing the **NF18MESH Gateway** with an **NS-01 Satellite** will deliver reliable services throughout the home, with our iOS and Google Play-available CloudMesh app helping the user get the most out of their broadband services.



NetComm Wireless Limited is now a part of Casa Systems, Inc.  
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