

# Is interference affecting your Wi-Fi Experience?

With the number of devices connected to the network ever increasing, network managers are experiencing more demand and pressure to keep things running smoothly. Natilik takes a look at the reasons behind interference and provides some quick fix tips that you can try out for yourself.

## Why do I have interference?

Interference or 'noise' occurs when the quality of your wireless signal is interrupted by external factors, including your own network in some cases! Signs you are experiencing interference include slow network speeds, intermittent signal and trouble connecting new devices.

Find out what some of the most common causes of interference are below:



### Physical barriers

Materials such as concrete or plaster can affect your wireless network as they are difficult for the Wi-Fi signal to penetrate.



### Neighbouring Wi-Fi network

This can be especially problematic in highly populated areas where there is a higher density of networks causing congestion.



### Wireless devices

The more devices you have connected, the harder your network needs to work to support them, impacting your download and upload speeds.



### Non-network devices

From microwaves to Bluetooth connections, devices that use the same frequency can interfere with your Wi-Fi.

## Try these quick fixes!



### Reposition your router

Make sure your wireless router isn't located nearby other routers, appliances and dense building materials.



### Choose the right Wi-Fi channel

Try using a different wireless channel within the 5GHz frequency.



### Check your capacity

A wireless device can only serve a finite number of devices before the connection quality is affected. You need to ensure you have enough APs on your network to facilitate the 'chatter' created by your devices.



### Configure your router

Check for firmware updates or consider upgrading your wireless router.

If your network challenges persist, it might be due to a more fundamental issue for which the Natilik experts are on hand to help you troubleshoot.

Get in touch today to book your Future of Wi-Fi Assessment.

## Contact us and find out more today.

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