



Australian Government

# How mobile networks work

Mobile networks send and receive low powered radio signals, otherwise known as radiofrequency electromagnetic energy (RF EME).

The devices send and receive signals from mobile base stations.

**They come in all shapes and sizes:**



## Macro Cells

Cover large geographic areas.



## Small Cells

Deployed with minimal visual impact. Co-located on existing public infrastructure, such as electricity and light poles.



## In Building Cells

Strategically placed inside buildings.

Mobile network operators use different infrastructure solutions to achieve maximum, optimal coverage for customers.

You can be assured that the technology and infrastructure providing your mobile service is researched, regulated and safe.

That's the Science of Safe Connection

