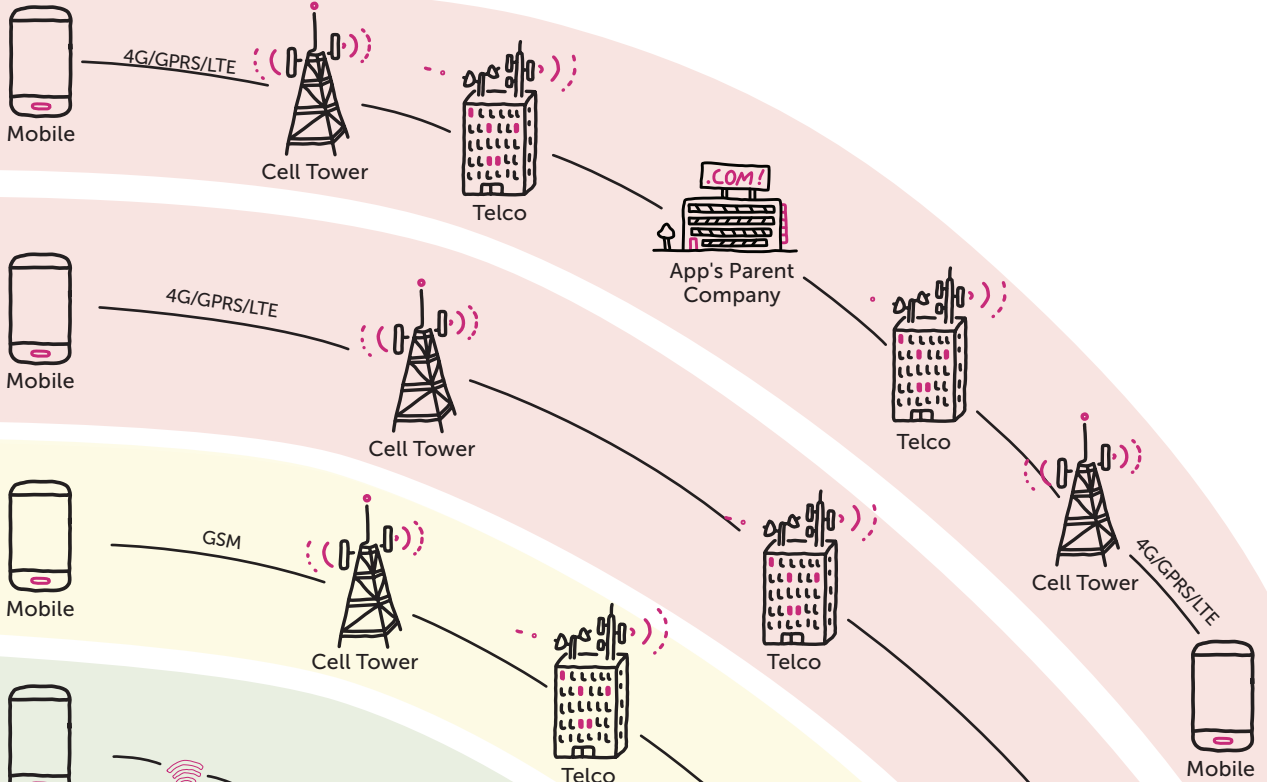


HOW MOBILE COMMUNICATION WORKS

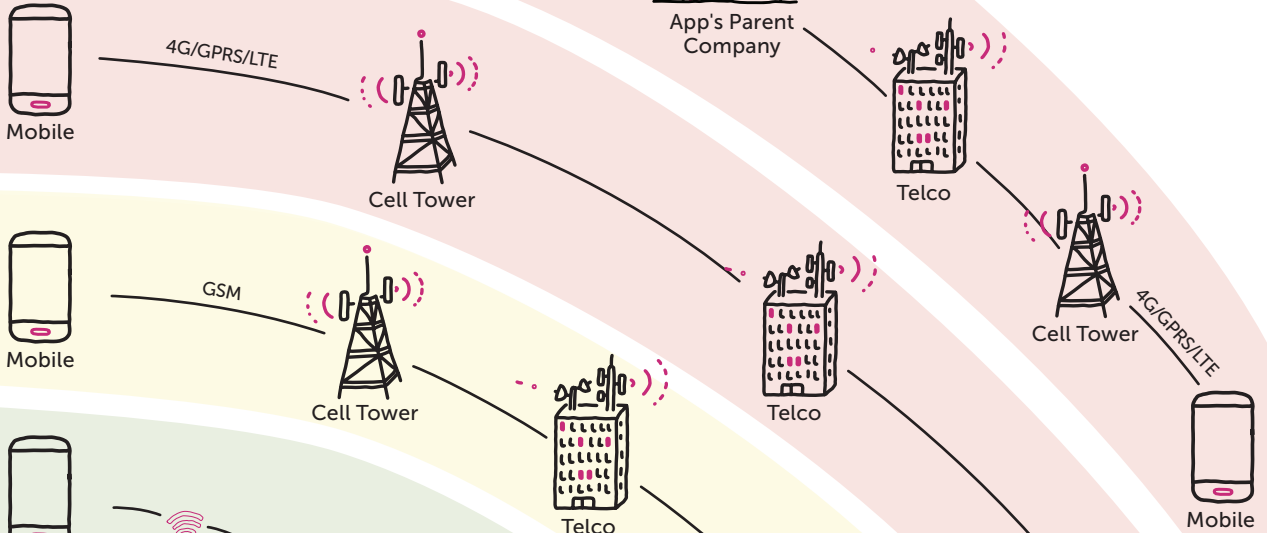
Chat Apps

via mobile data
(4G/GPRS/LTE)



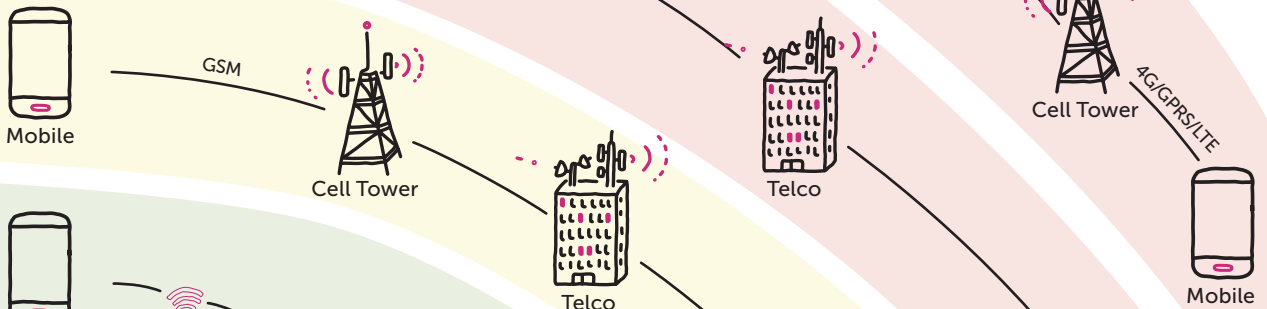
Browsing

via mobile data
(4G/GPRS/LTE)



Calls/SMS

via GSM



Chat Apps

via Wi-Fi



Browsing

via Wi-Fi

Bluetooth

NFC

Notes

1. Each colour in the diagram represents a specific frequency band of the radio spectrum.
2. This is a simplified representation of mobile communication.
3. Your communication passes through many more pieces of infrastructure, including servers and national gateways. Each parent company also has its own ISP.