

A person's hand is shown in silhouette, holding a small drone with red and blue lights. The background is a blurred sunset or sunrise scene with warm orange and yellow light on the left and cooler blue and purple light on the right. A small white dot is visible in the upper left corner, and a white hamburger menu icon is in the upper right corner.

5G

A GAME CHANGER

EVANGELIA TZIFA
Director Networks Greece & Cyprus

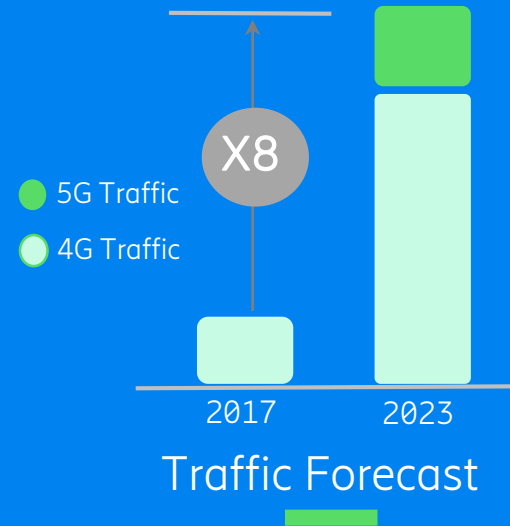
Ericsson Mobility Report: 5G insights by 2023



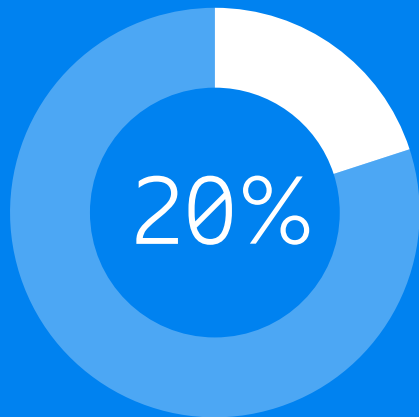
Over

1 billion

5G subscriptions for Enhanced MBB



Total mobile traffic grows 8 times between 2017 and 2023



mobile traffic via
5G networks

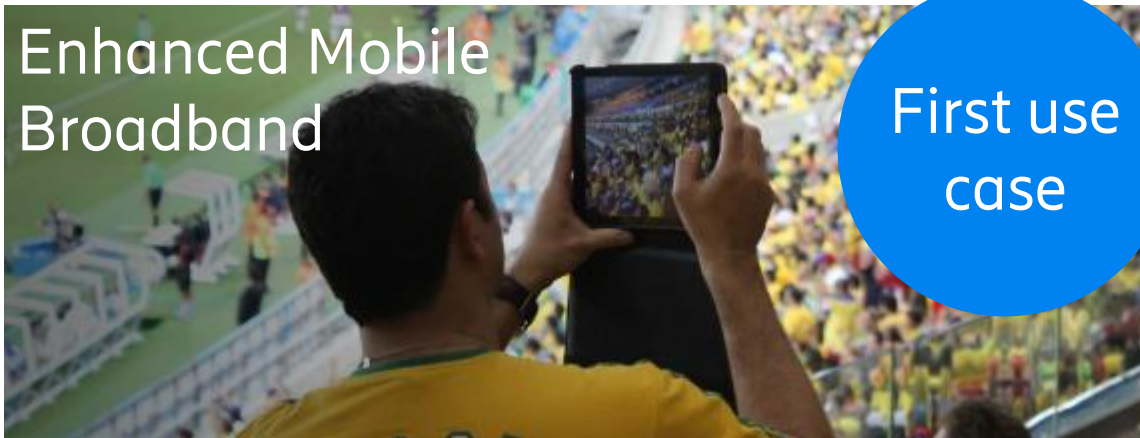
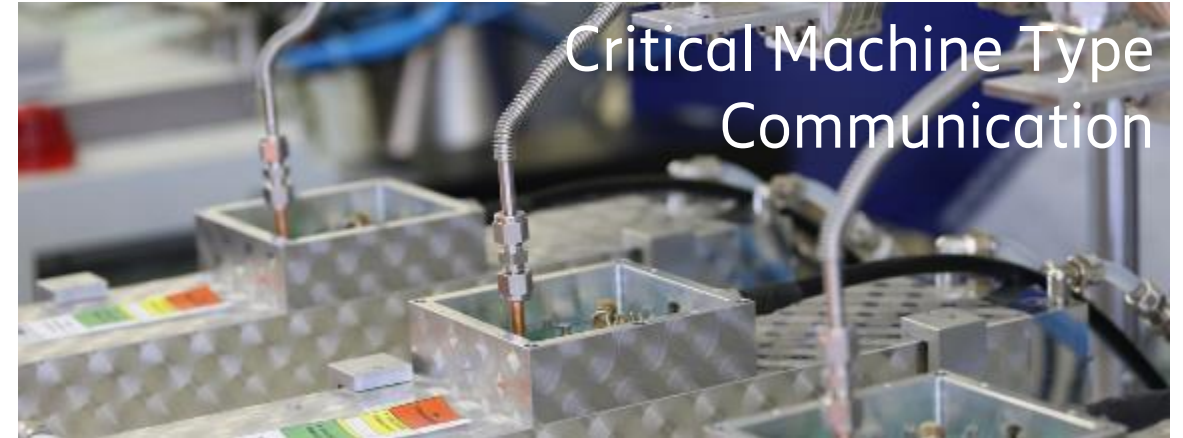


More than

20%

of world's population covered by 5G

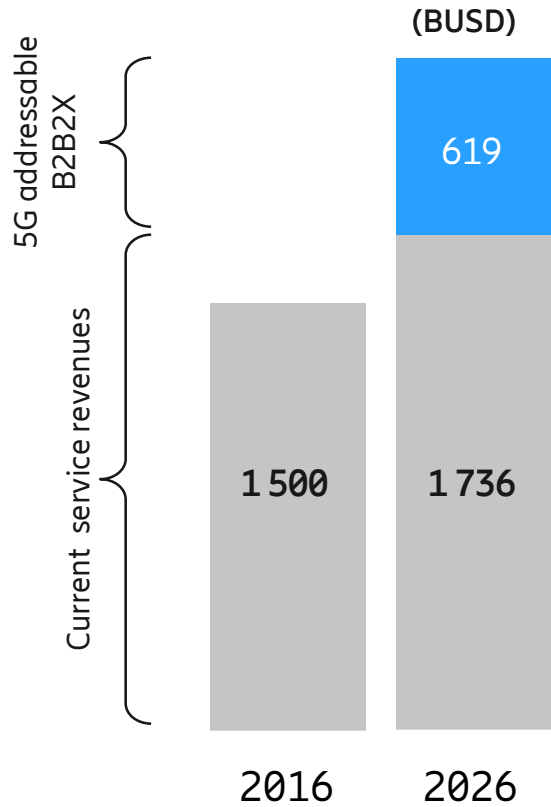
5G will start with Enhanced MBB and then enable new evolved IOT use cases



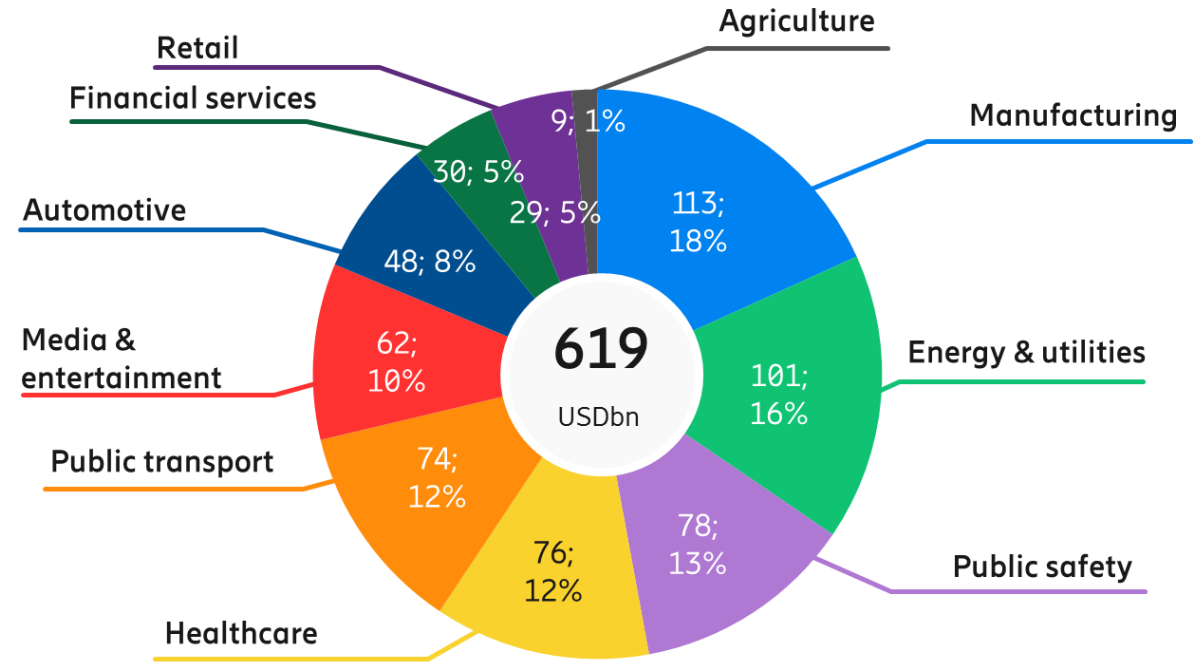
The 5G and IoT Additional Revenue Stream



Service Providers will have access to new sources of growth thanks to 5G enabled digitalization



5G and IoT digitalization unlock
36%
 additional revenue growth

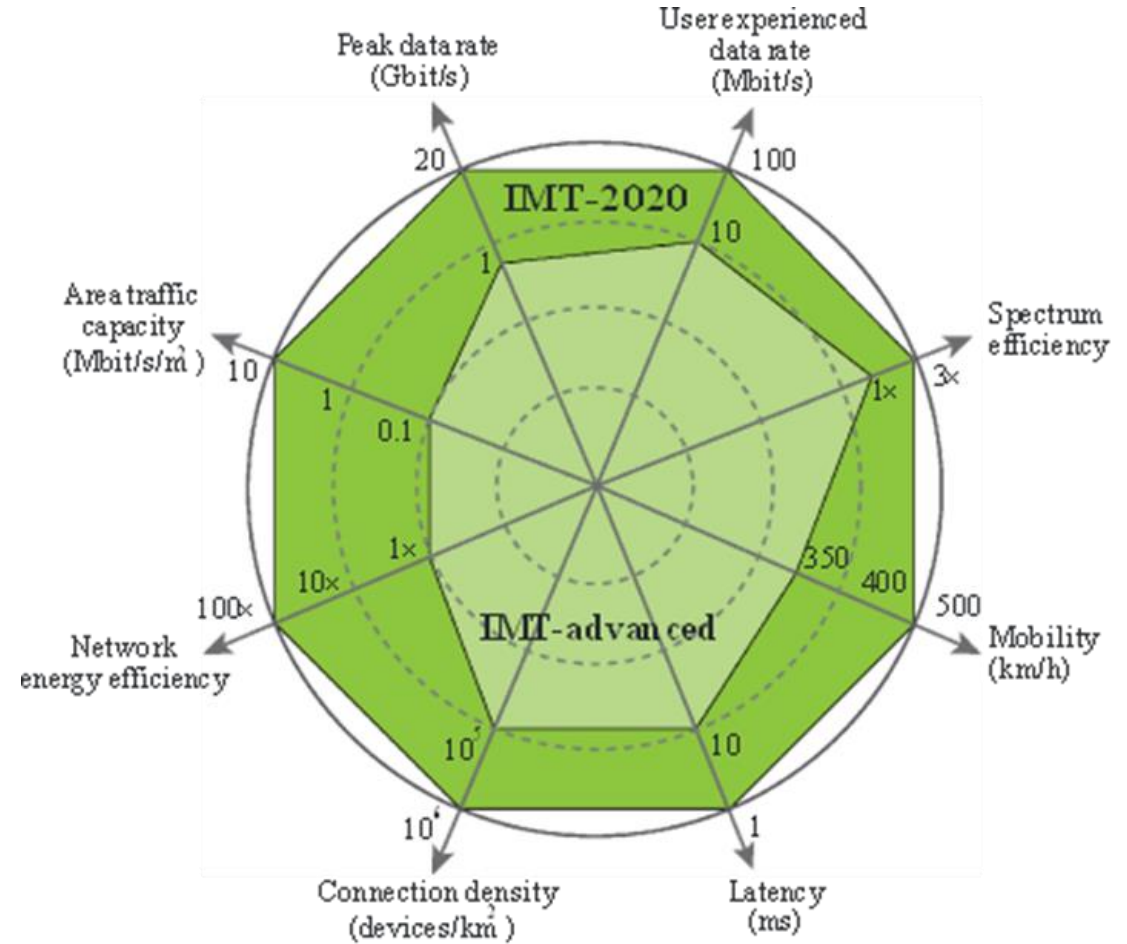
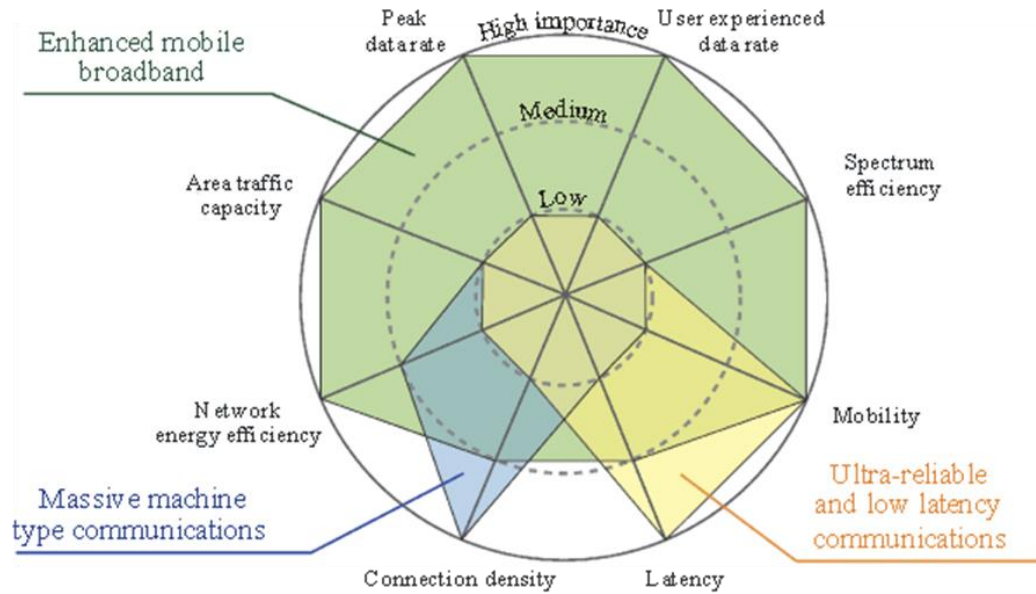


Greece 2 BUSD

■ Potential revenues for Service Providers

Comparing 5G to 4G

Capabilities and use-case requirements



Source: ITU-R requirements for NR (IMT-2020) and LTE (IMT-Advanced)

NR Key Benefits



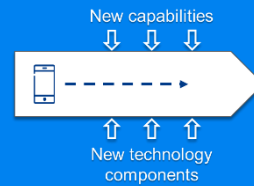
Ultra-lean



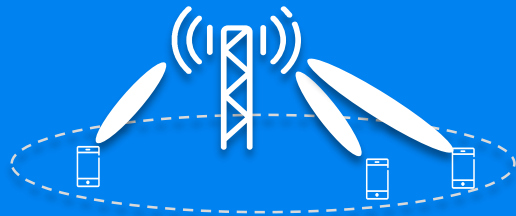
Wide spectrum range



Forward compatibility



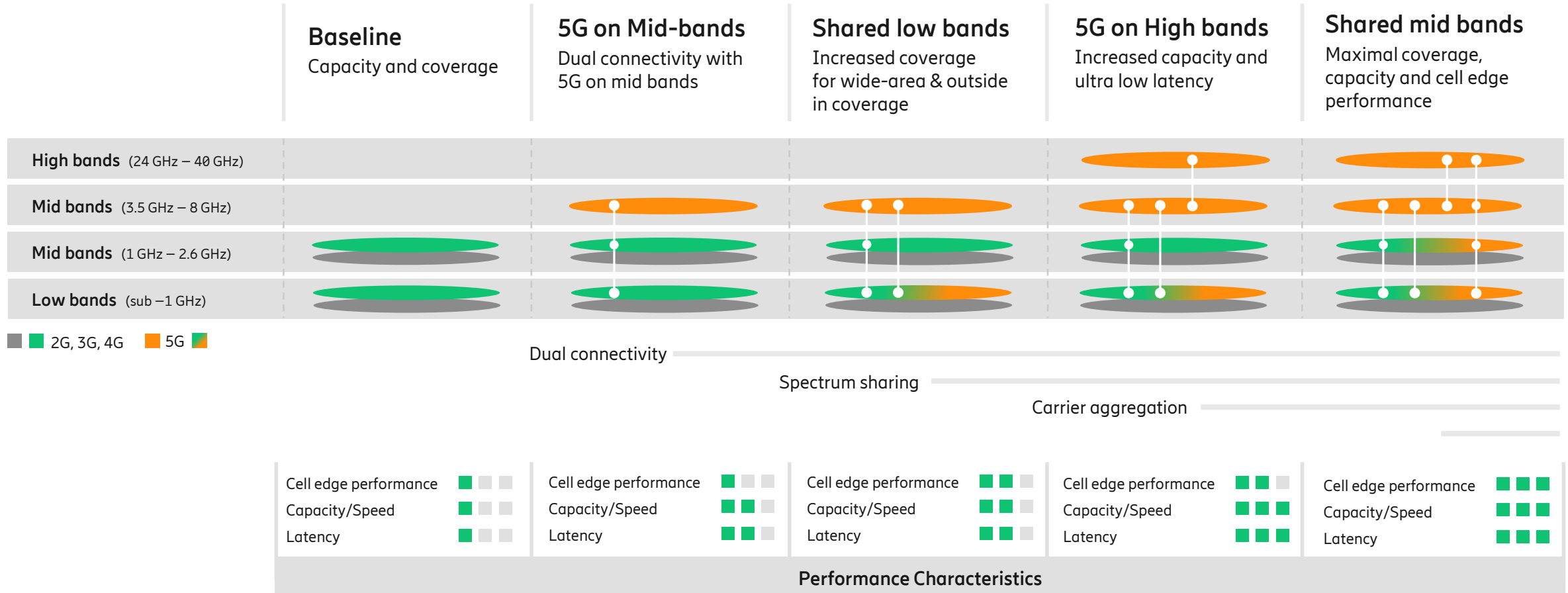
Multi-antenna



Low latency



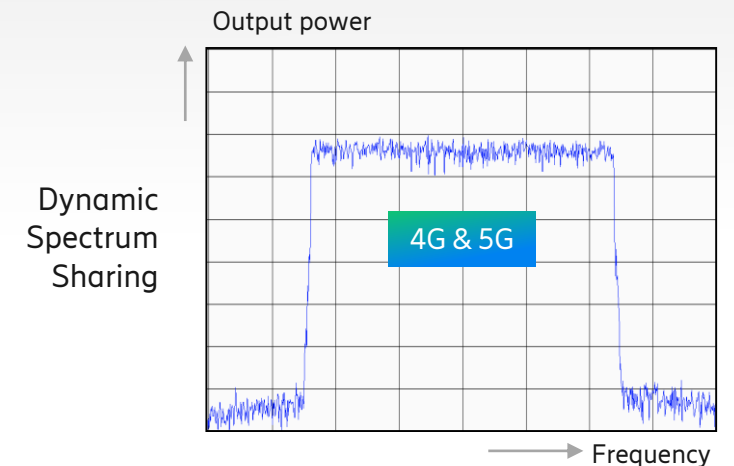
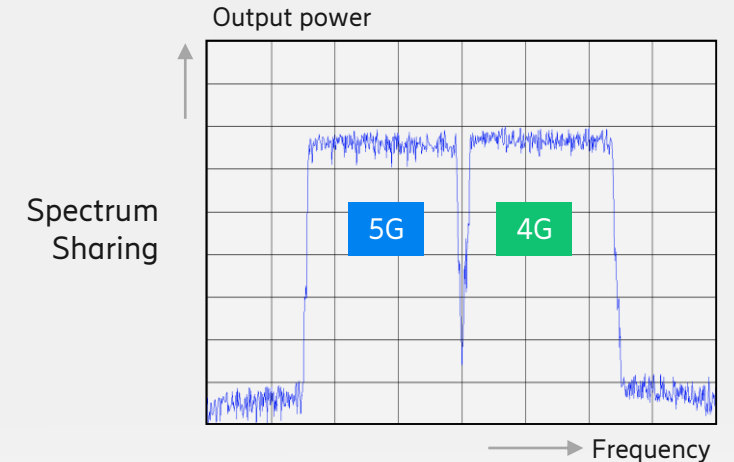
Spectrum Strategy



Turn on 5G and Grow on 4G – Unique Ericsson Capabilities



In more than
190
networks



5G Proof Products

Ericsson Radio System - Radios since 2015

Ericsson Unique - Dynamic Spectrum Sharing

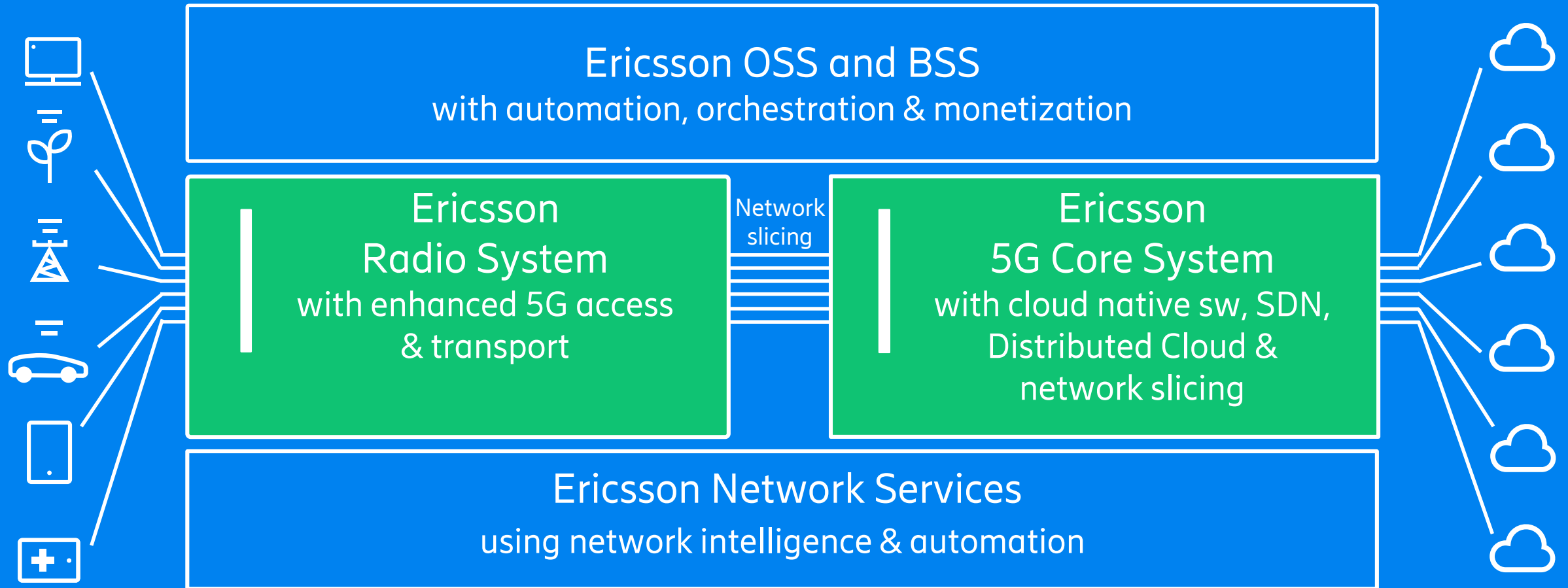
Add 5G NR with remote software installation

Easy migration to 5G in existing bands

Balanced HW Investments

Source: Measurement results from Radio 2217

Ericsson's 5G platform





The need for
5G is here



Use cases and
business potential
defined



Technologies for
smooth introduction
available