

# 5G: made for innovation



Ericsson for Infocom World 2020

George Pappas

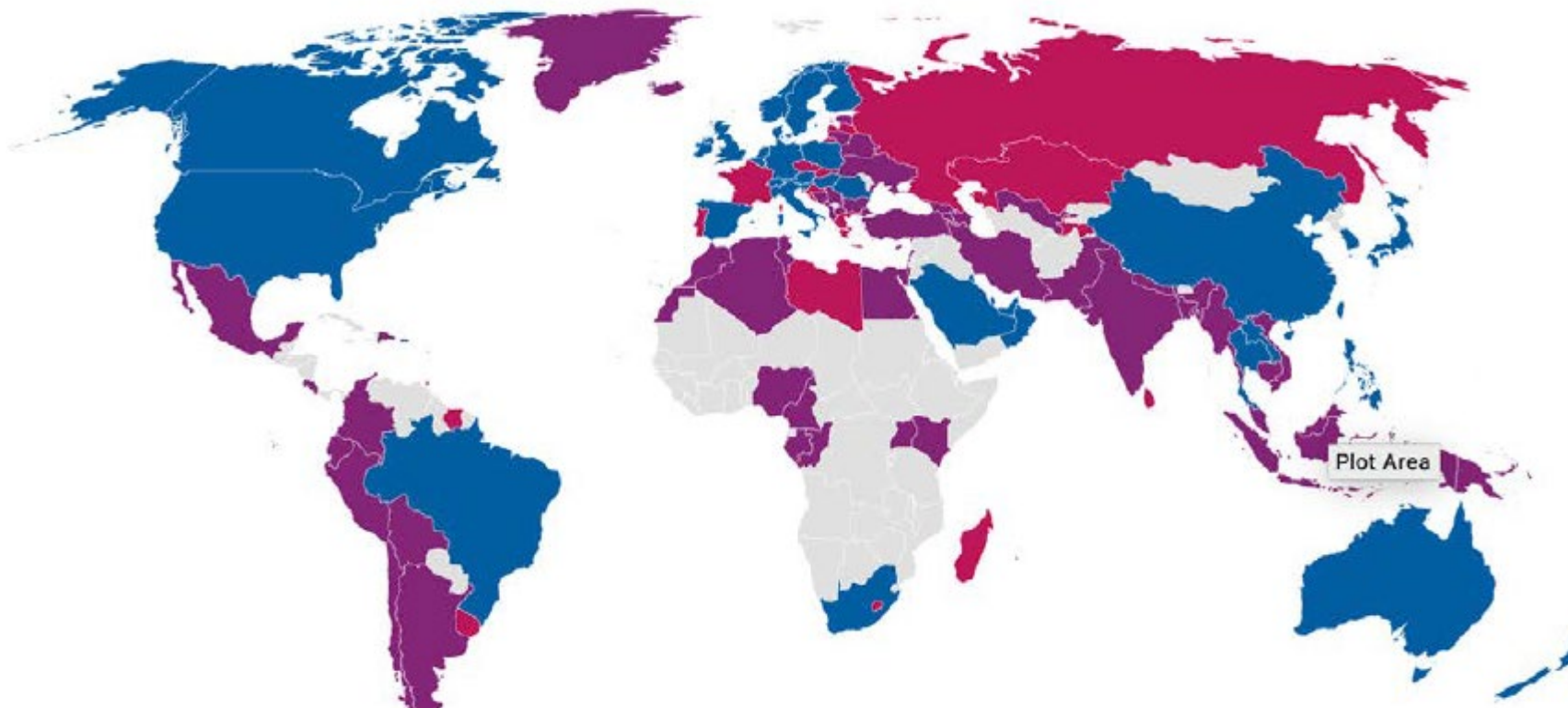
President & Managing Director,  
Ericsson Hellas S.A.

2020.11.04



# 5G is here!

## 101 commercial 5G networks in 44 countries

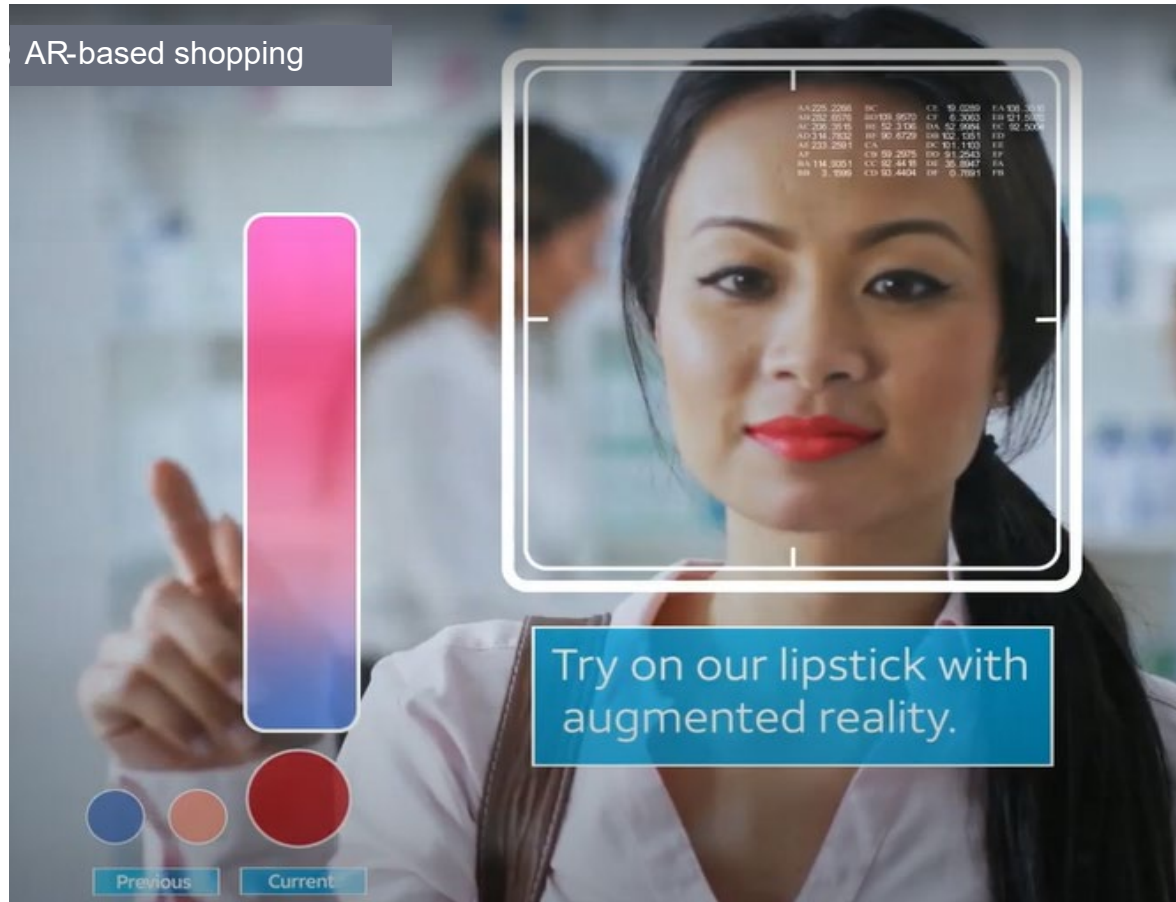


- Operator(s) with launched 5G networks (excluding soft launches)
- Operator(s) that are deploying/have deployed 5G
- Operator(s) that are investing in 5G

17.73 million 5G subscriptions in 2019

- 397 operators in 129 countries are currently investing in 5G.
- 444 announced devices from 96 manufacturers – **222** commercially available.
- 20 announced form factors.

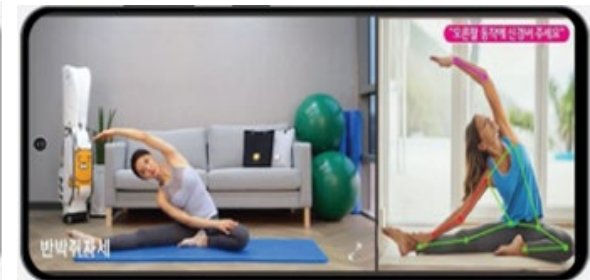
# AR /VRbased apps, 360° streaming & personalized view for shopping, education or entertainment/sports



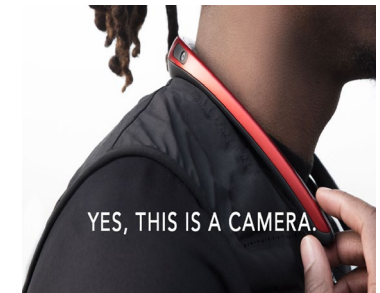
3D AR Kids library



VR-based training with AI coaching & real time posture correction

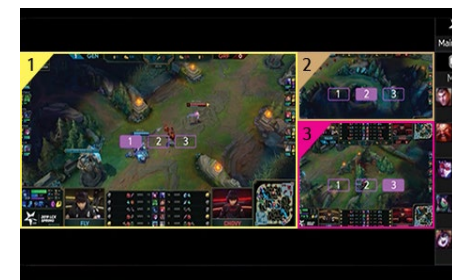


Virtual date with a star



E-sports tournaments

Synchronized multiple point of view



Synchronized 'watch with friends'









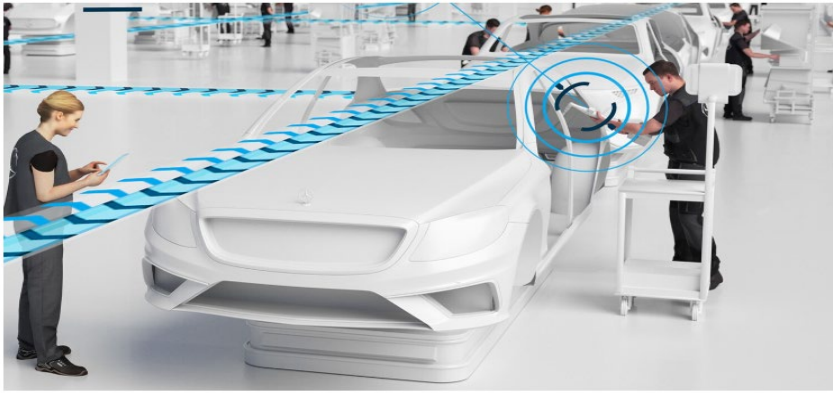
# 5G for Business

## Ericsson and Telefónica to make 5G car manufacturing a reality for Mercedes-Benz

Ericsson is teaming up with Telefónica Germany to enable 5G car production via a private 5G network for Mercedes-Benz at the company's Sindelfingen plant in southern Germany.

NEWS | JUN 27, 2019

5G Private networks Connected vehicles #automotivemanufacturing #automotive #networks #5g



## 5G enables the UK's first remote diagnosis

With unprecedented new demands on the NHS and emergency services due to the coronavirus pandemic, the need for innovative new ways of delivering healthcare is now more critical than ever.

CASE | 5G Connected vehicles



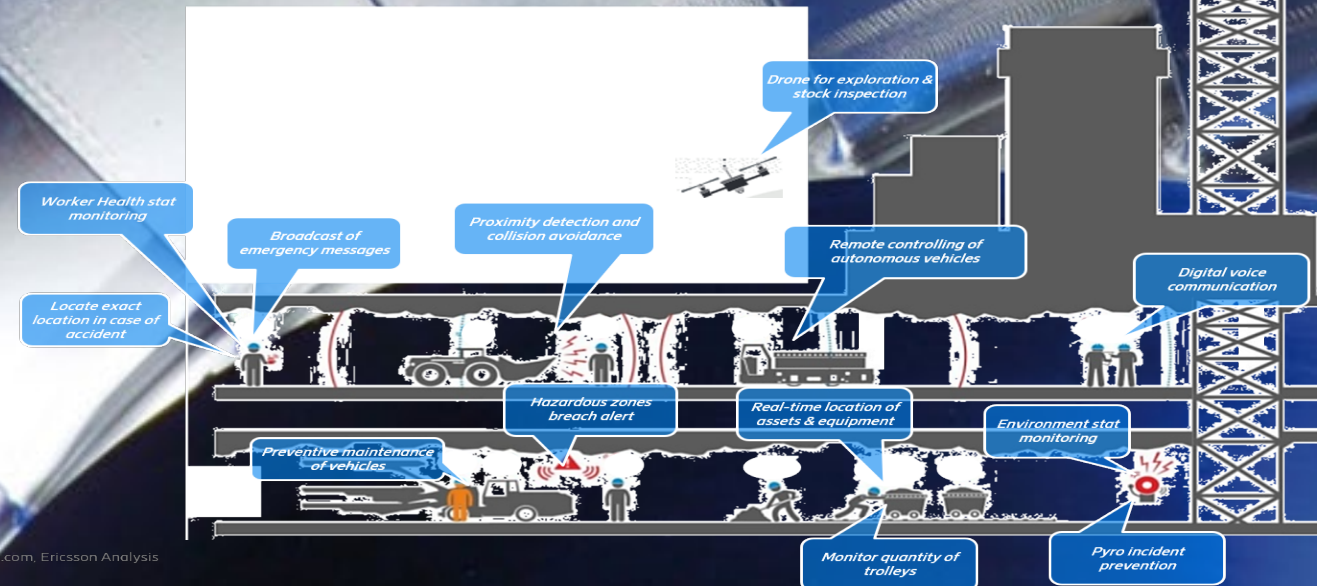
### Real-time care

The 5G connected ambulance provides an innovative new way to connect patients, ambulance workers and remote medical experts in real time, thanks to a collaboration between Ericsson, University Hospital Birmingham NHS Foundation Trust (UHB) and King's College London.

Through a live 5G network in Birmingham, managed by BT, healthcare workers have performed the UK's first remote diagnostic procedure over 5G. The demonstration showcases how 5G technology can enable clinicians and paramedics to collaborate haptically, even when they are miles apart.

This revolutionary use of 5G has the potential to transform how future healthcare is delivered, enabling crucial efficiencies and reducing the need for some patients to visit A&E.

## Mining of the future



Source: Rttsource.com, Ericsson Analysis

# Internet of Skills and Internet of Senses delivering experiences instead of data plans



5G:  
a catalyst for Internet transformation

Explosion of the global app economy

Transformation of digital economy  
and society



# 5G deployment speed crucial for digital transformation

- US & North East Asia nationwide 5G networks
- Europe lagging behind
- Greece needs to keep accelerating with own strategy



