

# THE MOBILE WAVE OF 5G NETWORKS

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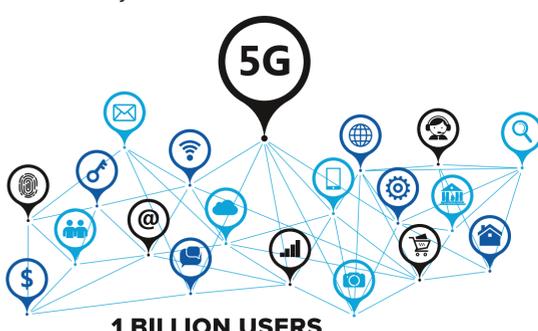


**5G (fifth generation) wireless is the next mobile technology standard, succeeding the current 4G/LTE technology.**

In 2019, 5G started to hit the market, with **Huawei** and **Samsung** being the first smartphone suppliers to introduce 5G devices. In 2020, major telecom companies like **AT&T**, **Verizon**, and **T-Mobile** have started to deploy 5G networks.

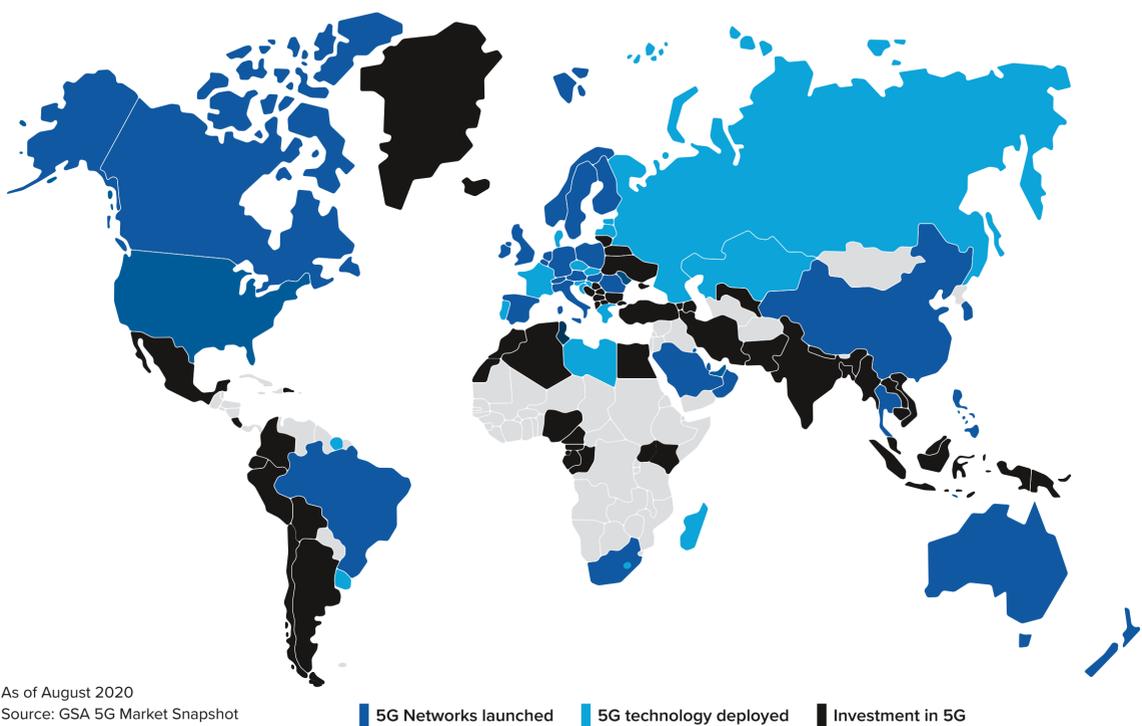
However, a full-scale rollout of 5G will not take place for a few years. By 2024, forecasts predict there will be around **1.9 billion 5G subscriptions worldwide**. Currently, Asia and North America are expected to embrace 5G technology the fastest, and by 2025, approximately half of overall mobile connections are projected to be 5G-enabled for those two regions.

According to a Global-Mobile Suppliers Association report, 38 countries had 5G networks as of August 2020. The current adoption rate predicts that **5G will reach 1 billion users in 3.5 years** compared with the four years it took for 4G and 12 years for 3G.

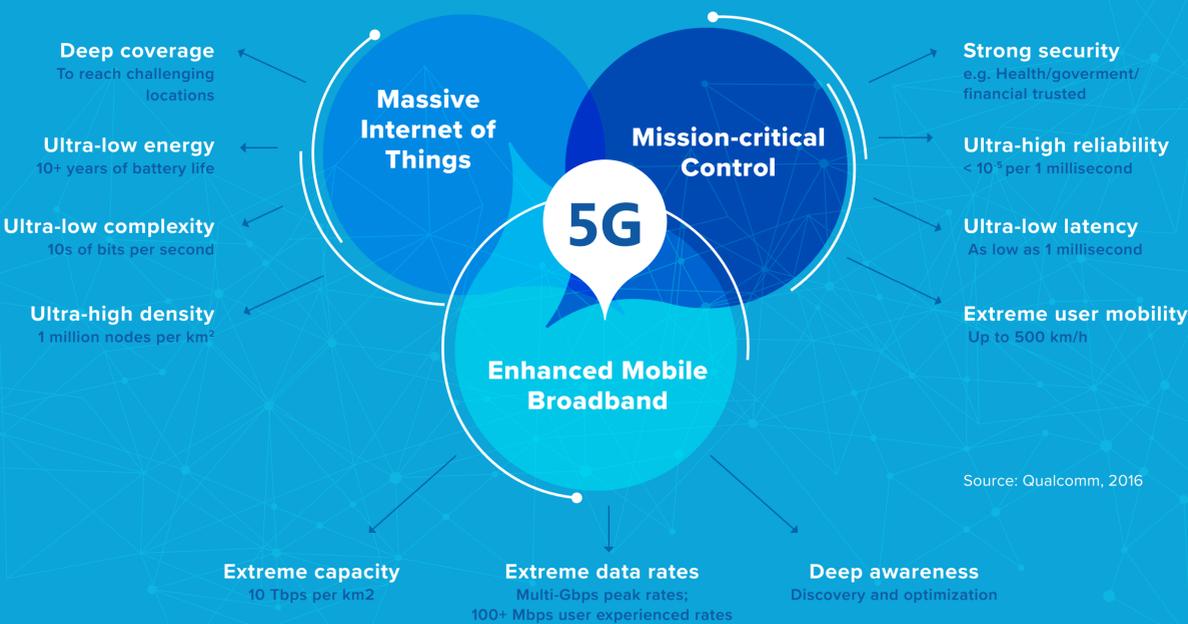


**Here are some ongoing trends and predictions on how 5G will radically change our world.**

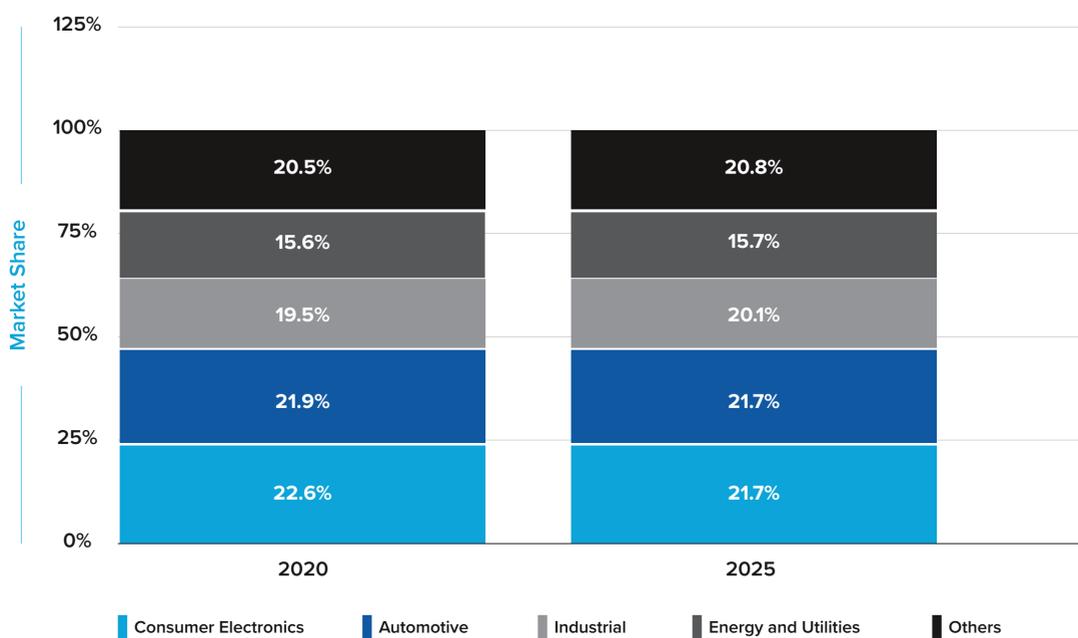
## WHERE 5G TECHNOLOGY HAS BEEN DEPLOYED



## 5G SPEEDS AND SECURITY FOR DIFFERENT DEVICES



## FORECAST SHARE OF THE 5G INFRASTRUCTURE MARKET WORLDWIDE BY APPLICATION IN 2020 AND 2025



## 5G INTERNET OF THINGS (IoT) ENDPOINT INSTALLED BASE FORECAST WORLDWIDE IN 2020 AND 2023, BY SEGMENT (IN 1,000 UNITS)

