

# 5G

## WHICH APPLICATIONS WILL TRANSFORM YOUR BUSINESS?

By 2025, over 1.4 billion connections will be on 5G – how can your business stay ahead of the curve?

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### MANUFACTURING

5G will bring about more intelligent automation – not just the use of robots, but also the ability to fully integrate supply chains across industry, sector and national boundaries.



### TRANSPORTATION

5G will enable direct communication from vehicle-to-vehicle, without passing through the network, to prevent traffic congestion and delays. Autonomous vehicles are capable of alerting others of change of conditions, such as collisions, weather, or road incidents.



### SMART POWER GRIDS

In the energy sector, 5G will be able to provide single communications "network of networks" to allow smart grids and demand-side energy flexibility to become the norm. Being able to model the grid in real-time means it can be automated to run the right level of supply at any time.



### RETAIL

5G will enable retailers to "supercharge" innovative customer experiences and provide highly personalised engagement to consumers, powered by seamless connectivity and ultra-fast response times. It will also enable the ability to track and monitor store inventories in real time.



### FARMING

5G will enable more automation of processes and the ability to use sensors to improve processes. Sensors can be placed on livestock and crops to monitor progression and condition. Drones and autonomous vehicles can also be deployed for ploughing and crop inspection/treatment.