

Connectivity in Production

WiFi vs. 4G / 5G

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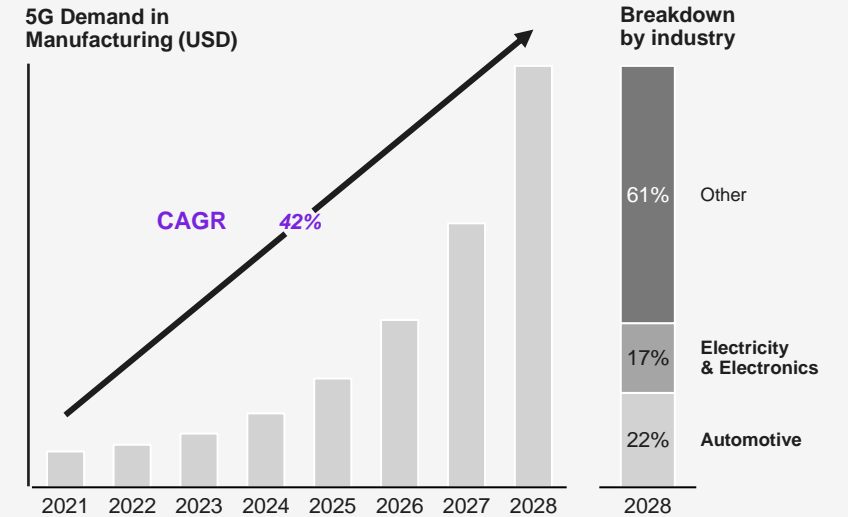
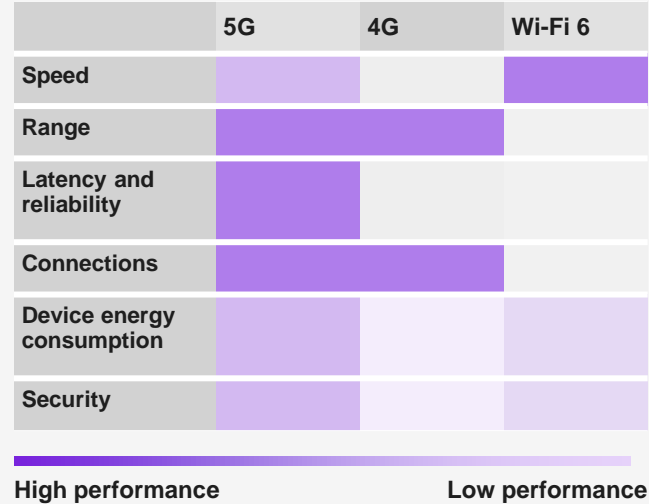


Do we
necessarily
need WiFi on
our shopfloor
to digitize?



Selection of wireless connectivity depending on use case requirements in the next ~5 years

Trend in manufacturing shows increase in usage of 5G technology even though most are still in the development phase and only a few use case can be realized today



Key considerations

Overall, there is no “right-or-wrong”. Every definition of use cases needs to include connectivity requirements:

- If no WiFi is available in production, it might be cheaper and easier to implement mobile network-based solutions (e.g. Scanners) for moving assets
- Machine can be hardwired with a network cable to a central connectivity box “Gateway”

Thank you

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