

5G PPP Discussions

May 1, 2019



CUPERTINO

Carriers Contacted

- Verizon
- ATT
- T-Mobile
- Sprint

Verizon

- TICC – March, 2018
- Multiple Meetings
- Transportation – Vision Zero - Conduit

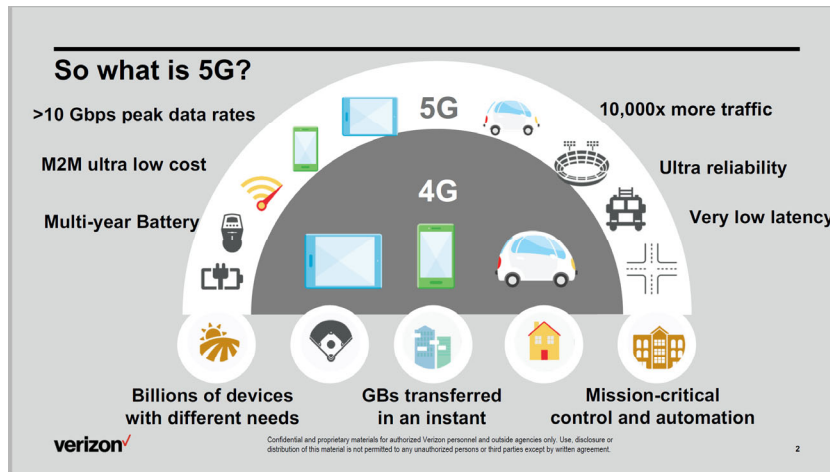
Verizon presentation

5G.

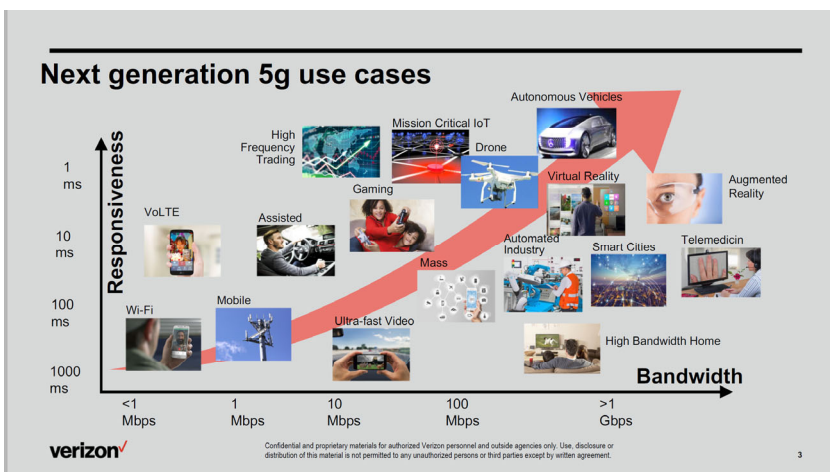
verizon✓



Verizon presentation



Verizon presentation



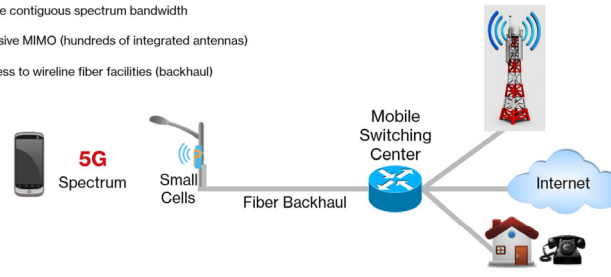
Verizon presentation

Building blocks for 5G

Large contiguous spectrum bandwidth

Massive MIMO (hundreds of integrated antennas)

Access to wireline fiber facilities (backhaul)



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4

Verizon presentation

Verizon 5G Deployment: Largest proving ground in the world.



Verizon will continue to be the first to deliver next-generation wireless technology.

verizon

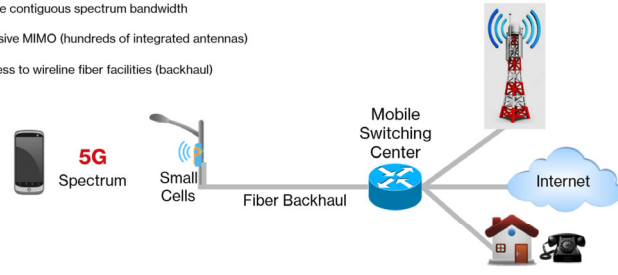
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5

Verizon presentation

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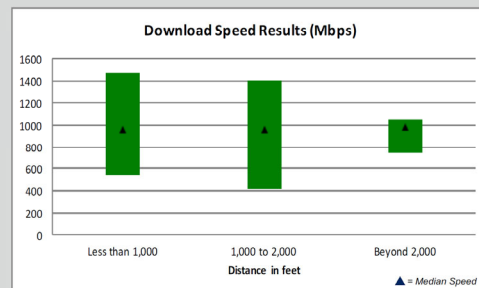
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5G Pre-Commercial Trial Results



Successful trials in 11 markets with mm-wave delivering gigabit home broadband

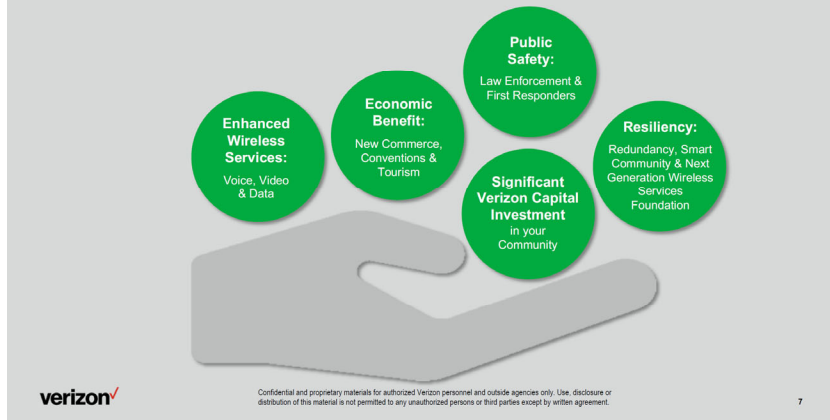
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6

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Community Benefits



Verizon presentation





ATT

- March 2019
- Multiple Meetings
- IOT, Conduit



T-Mobile

- April, 2019
- Preliminary Discussions



Sprint

- May 2019
- Preliminary Discussions