“How 5G & Wi-Fi 6 can make mobile broadband to everyone”

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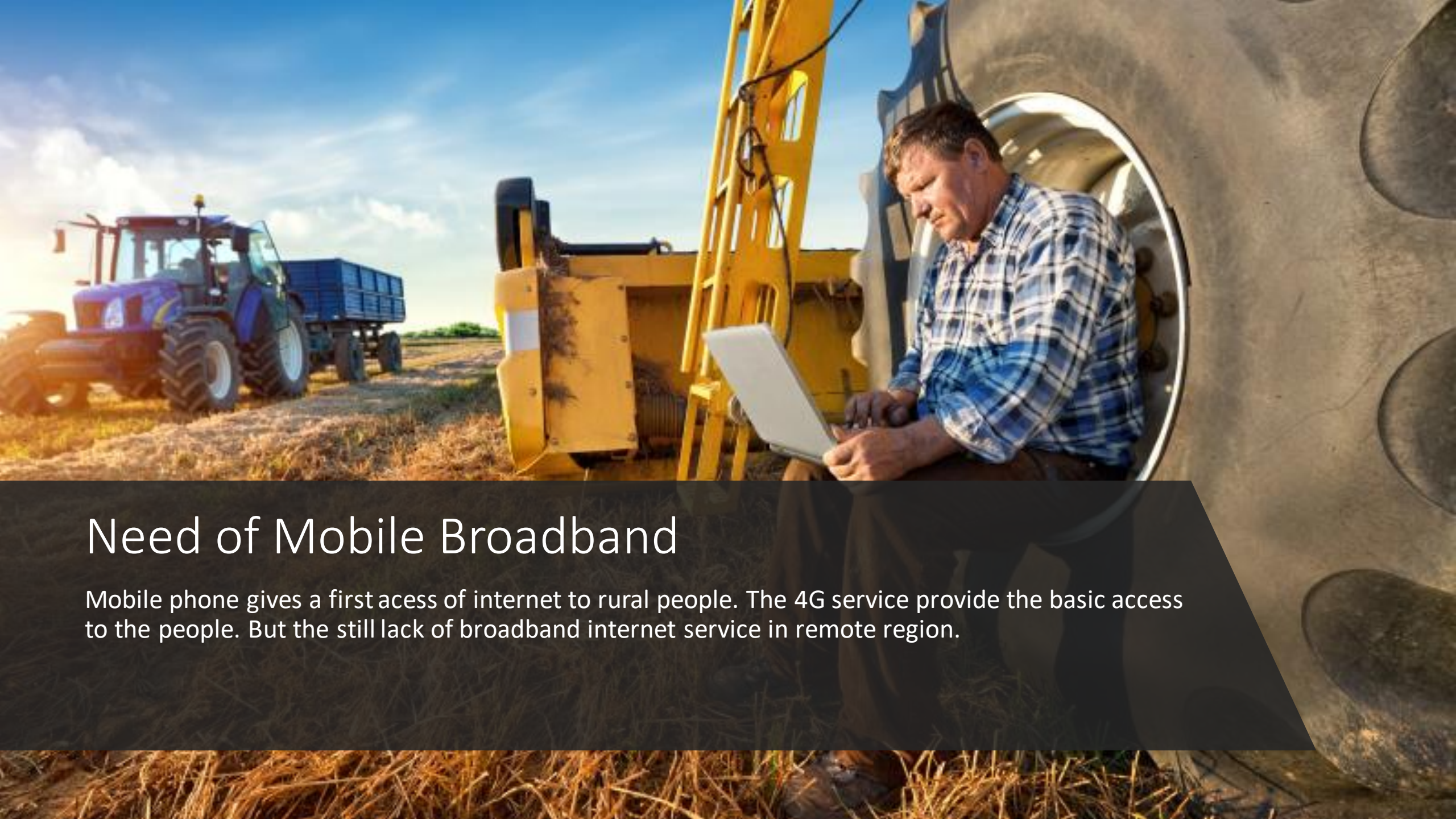
Agenda

- A Need of Mobile broadband
- Wi-Fi 6
- 5G
- Convergences of WiFi-6 & 5G
- Geomesh 65G
- Industry use cases

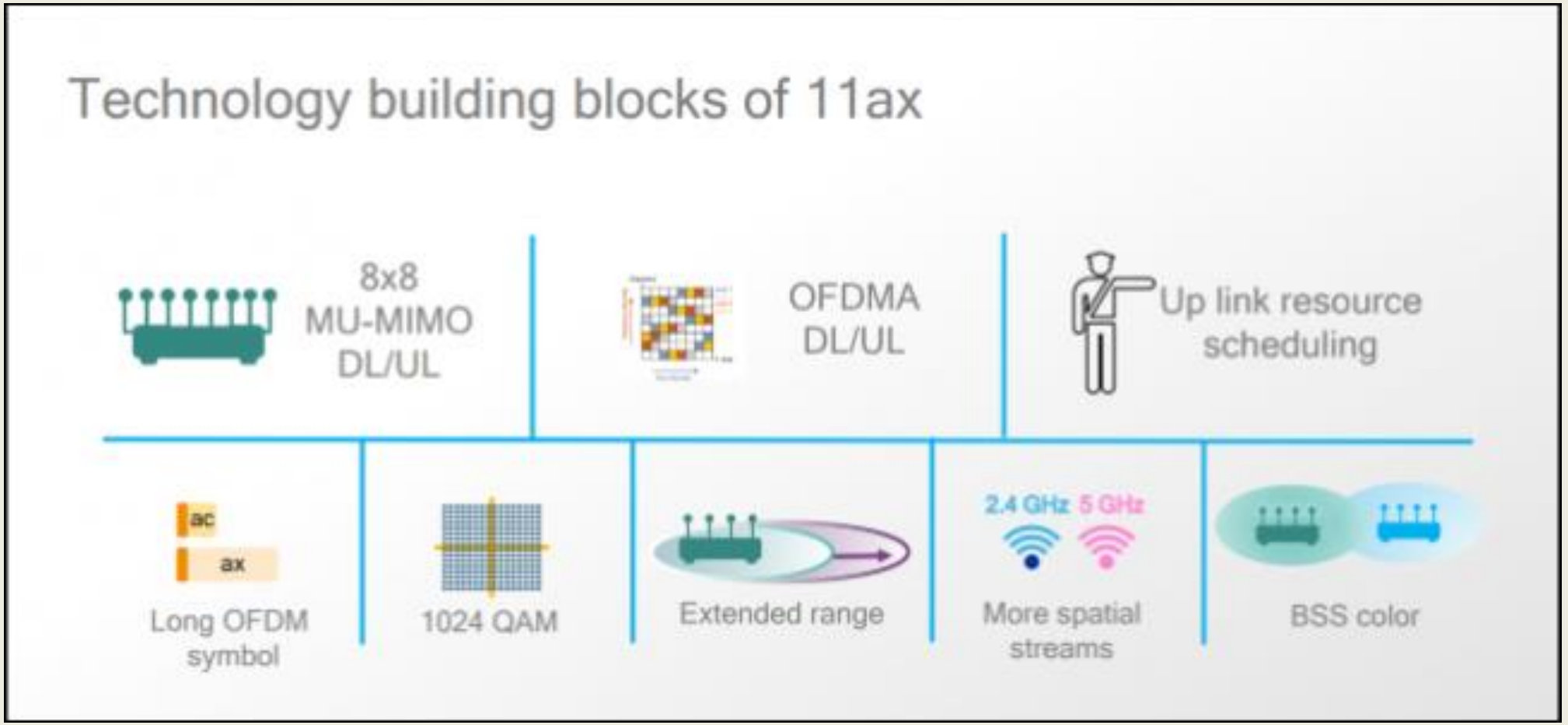


Need of Mobile Broadband

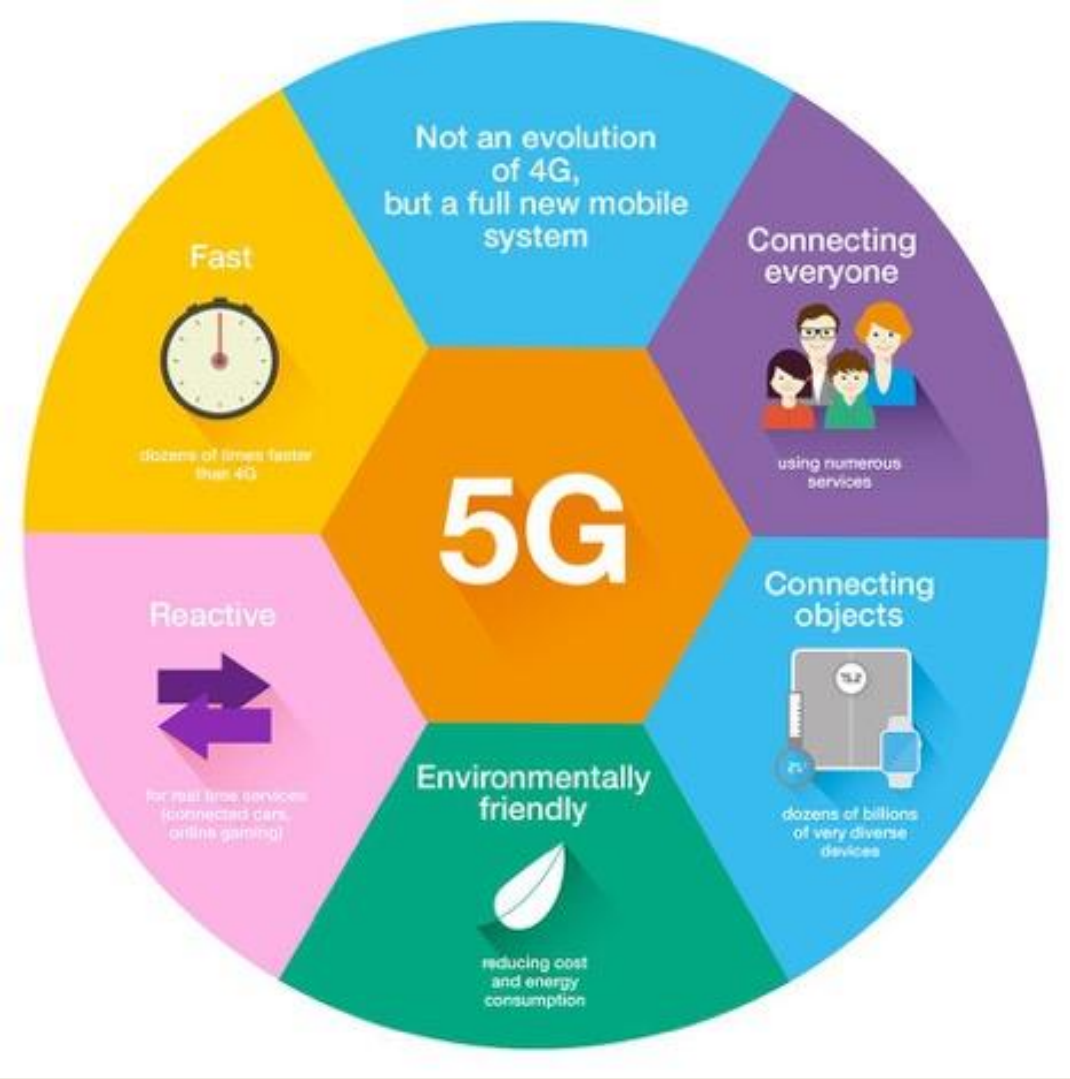
Mobile phone gives a first acess of internet to rural people. The 4G service provide the basic access to the people. But the still lack of broadband internet service in remote region.

WiFi-6

Wi-Fi 6 is ready to power entirely new mobile experiences today, offering faster speeds for immersive-experience applications and more device and IoT capacity for high-density environments such as university lecture halls, malls, stadiums, and manufacturing facilities.



What is 5G



- 5G technology has a theoretical peak speed of 20 Gbps, while the peak speed of 4G is only 1 Gbps. 5G also promises lower latency, which can improve the performance of business applications as well as other digital experiences (such as online gaming, videoconferencing, and self-driving cars).
- While earlier generations of cellular technology (such as 4G LTE) focused on ensuring connectivity, 5G takes connectivity to the next level by delivering connected experiences from the cloud to clients. 5G networks are virtualized and software-driven, and they exploit cloud technologies.

Covergence of WiFi-6 & 5G

At Home

Outside

- Wi-Fi 6 and 5G introduce the new era of wireless access. Their convergence enables organizations to do business anywhere while increasing productivity and offering the best
- They will co-exist and work better together to support different use cases
- Both 5G and Wi-Fi 6 bring a promise of dramatically better performance to consumers, mobile workers and organizations.
- Wi-Fi 6 and 5G expand opportunities for digitization across all industries

Build on Same foundation

- Both Wi-Fi 6 and 5G are built from the same foundation, They both provide higher data rates to support new applications and increases in network capacity with the ability to connect more users and devices.

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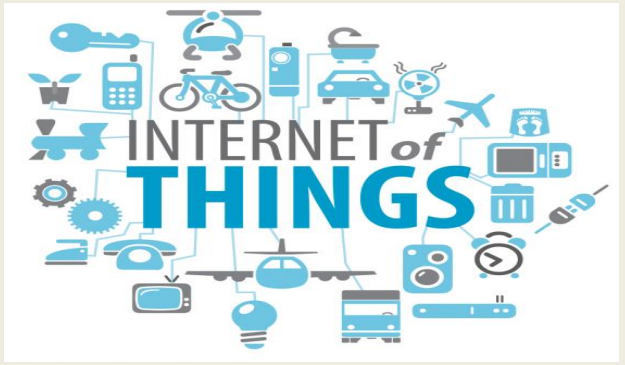
Convergences of WiFi-6 & 5G

High Througput | Low latency | High capcity

Immersive Experience

Support new applications and use cases Wi-Fi 6 and 5G will also offer enhanced mobile broadband for immersive experience via augmented and virtual reality.



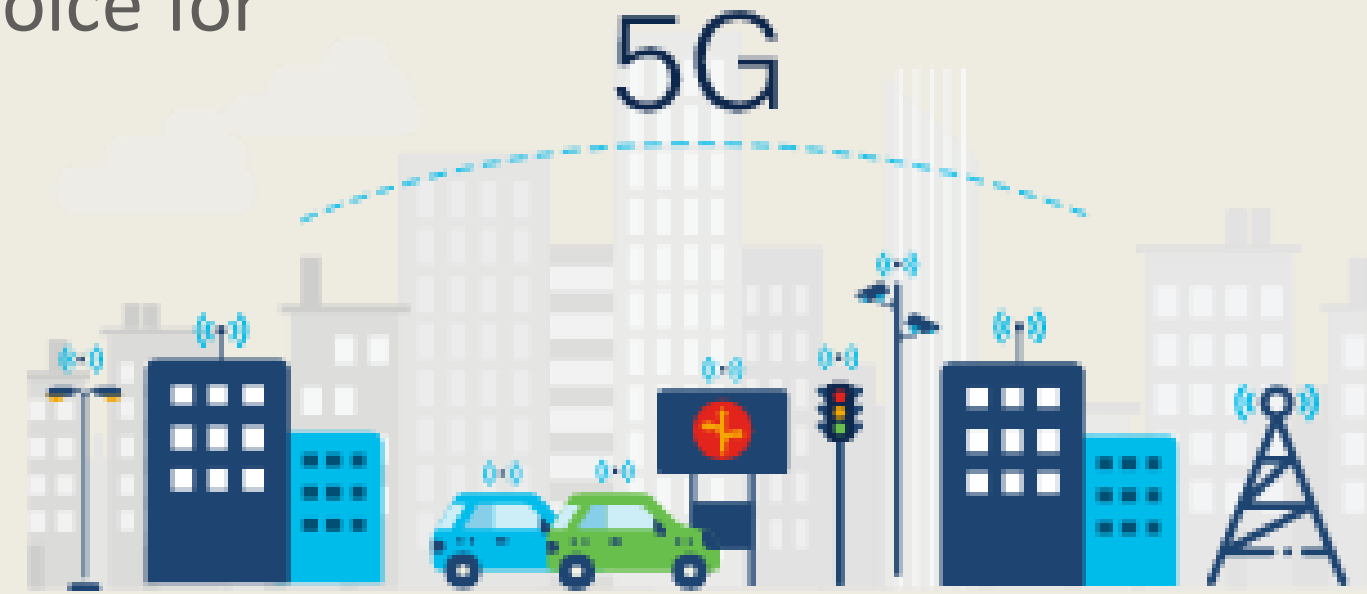
IoT at Scale

Support explosion of access, traffic and devices Both Wi-Fi 6 and 5G offer exciting opportunities to connect more mission critical IoT devices reliably via wireless.

5G for Outdoor networks

5G will be the designated choice for outdoor networks

5G hasn’t fully rolled out yet. However, the early businesses *cases*, which include fixed wireless (broadband backhaul), connected cars, drones and smart cities make it the preferred method for outdoor networks



WiFi 6 for Indoor networks

Wi-Fi 6 will continue to be the access choice for indoor networks

Office Enterprise

However, the improvements in speed, latency, and higher density of connected devices, Wi-Fi 6 is ideal for indoor enterprise networks.

Statium & Conversion centre

It’s also an ideal system in areas where access points will serve more users, such as stadiums and convention centers

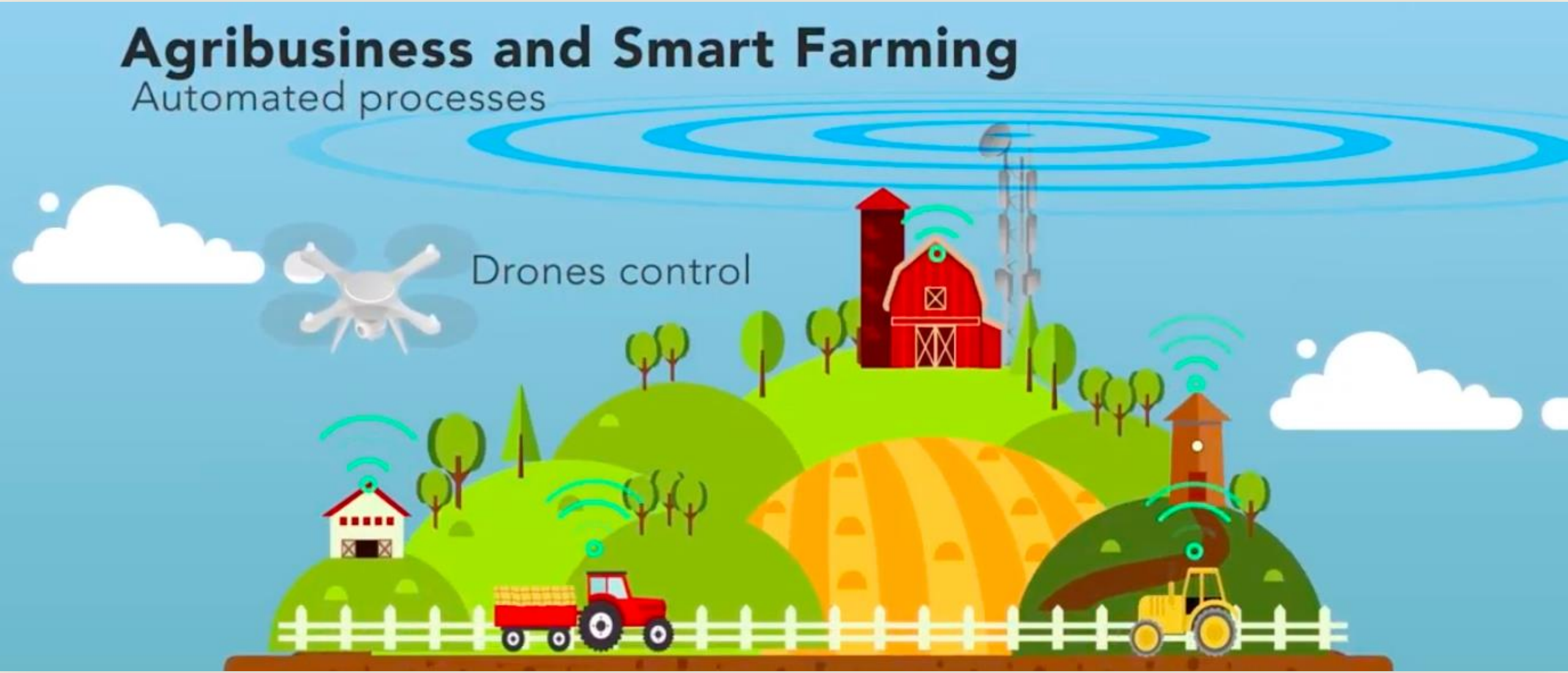
Geomesh65G

WiFi-6 & 5G integrated router

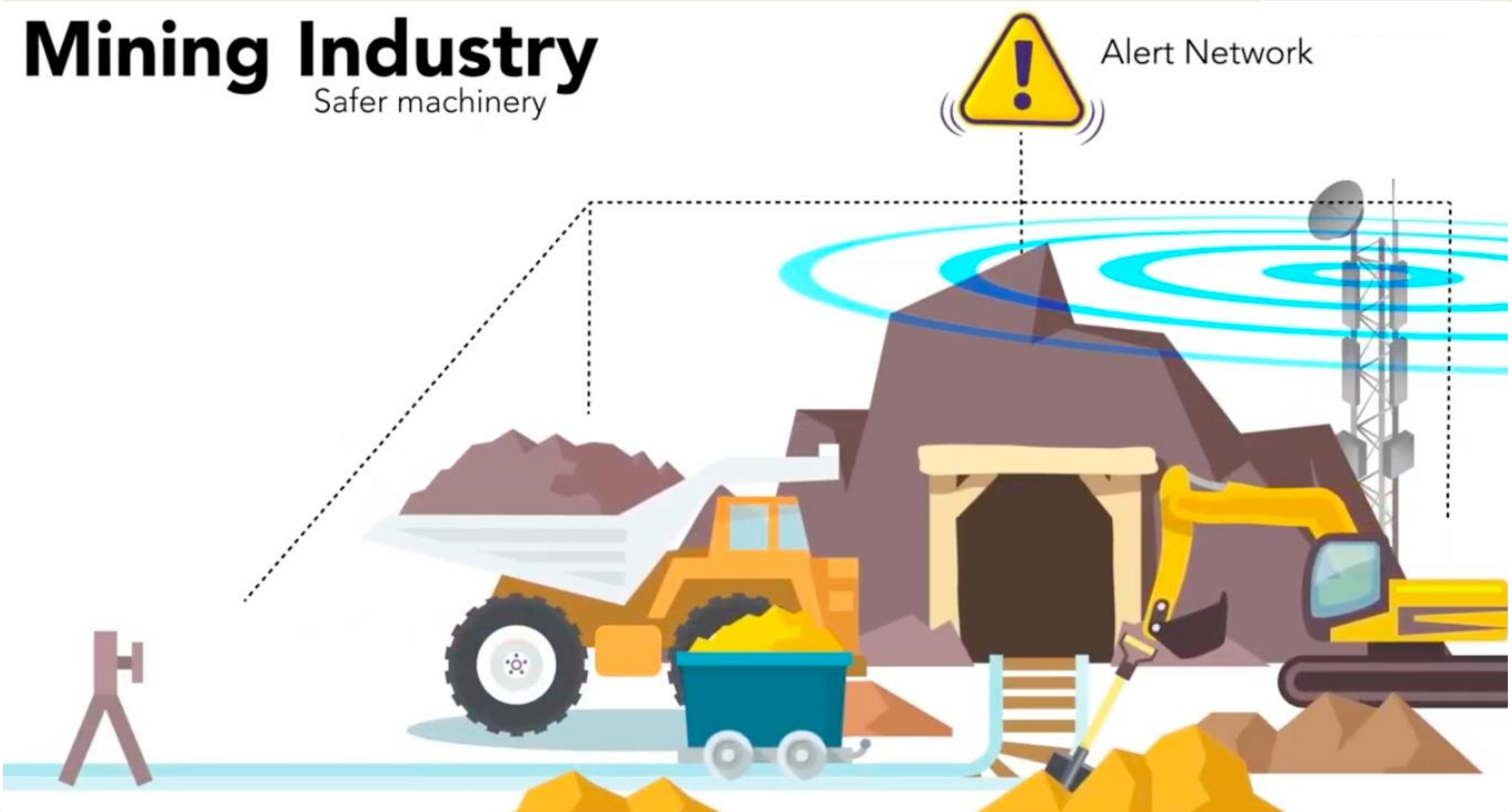
It is multiradio multiband router specailly designed to provide the mobile broad band connectivity to the rural.

Support solar charging to providing uninterrupted connectivity.

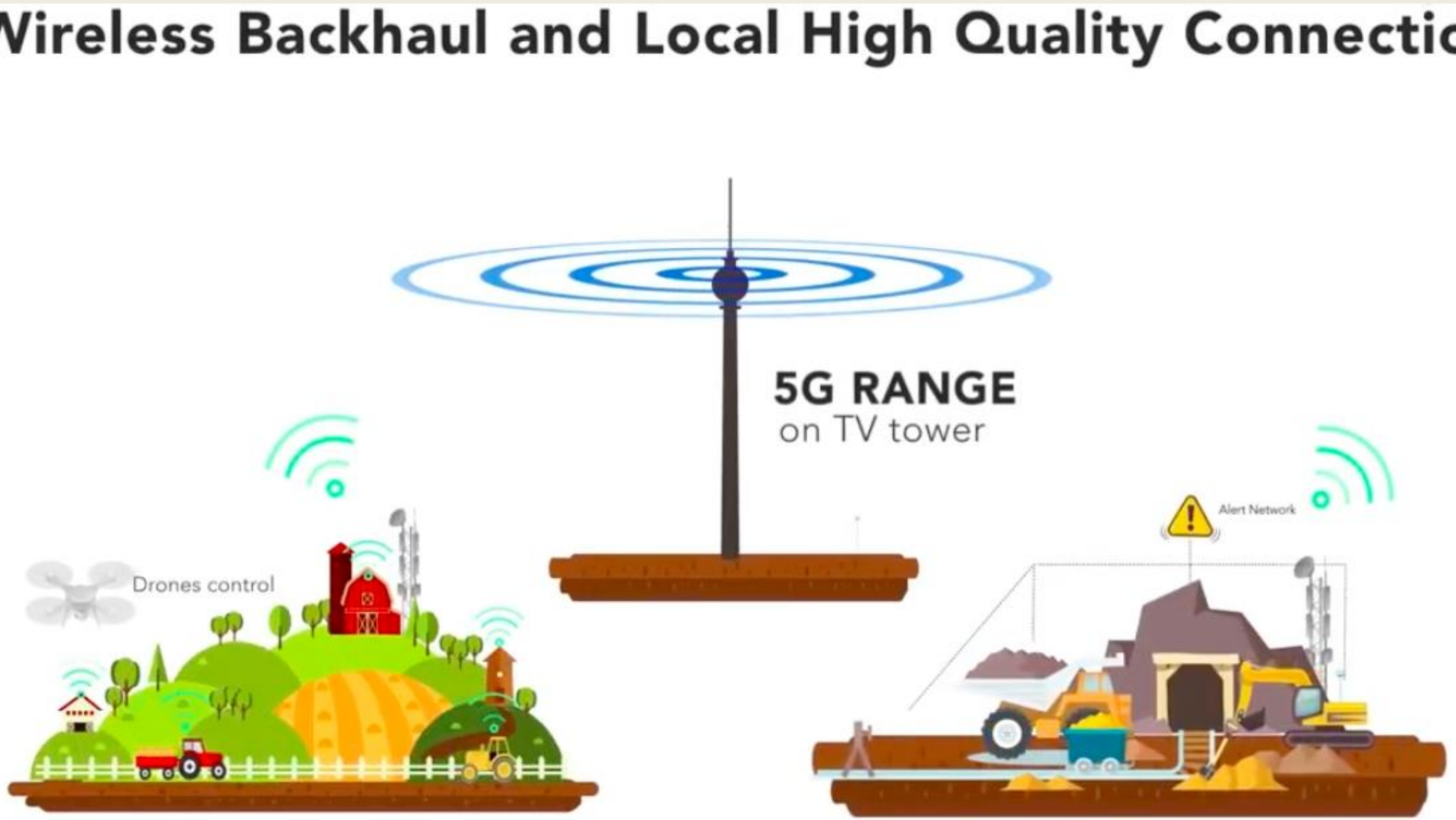
USECASE-1


Agribusiness and Smart Farming
Automated processes
Drones control

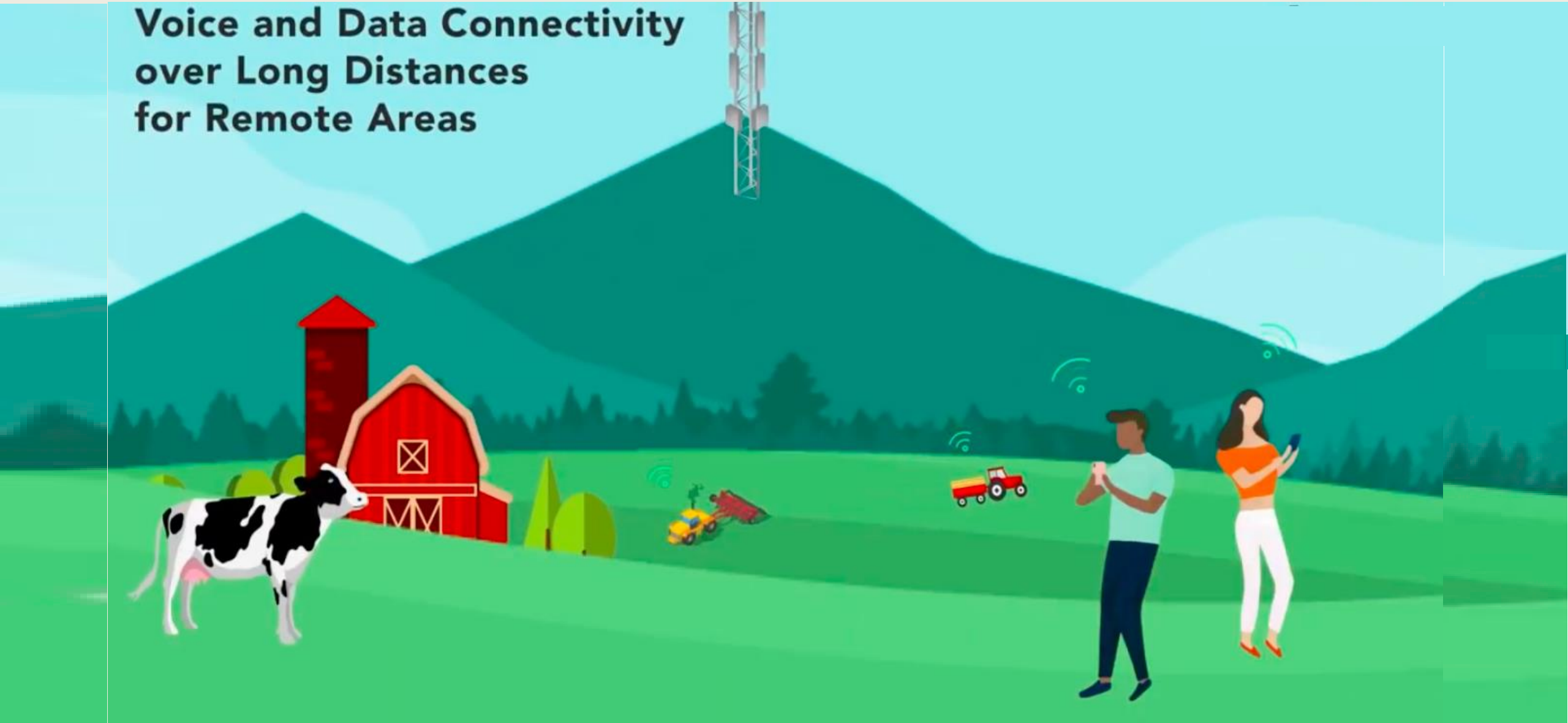
USECASE- 2



USECASE- 3


Wireless Backhaul and Local High Quality Connection
5G RANGE
on TV tower
Drones control
Alert Network

USECASE- 3


Voice and Data Connectivity
over Long Distances
for Remote Areas

Thank You