

What will 5G do for immersive technologies?

With Verizon 5G Ultra Wideband, reality will be yours to create. Are you ready?

5G's ultrawide bandwidth, high speed, low latency and edge computing capabilities will facilitate groundbreaking improvements in immersive technologies, including artificial reality (AR), virtual reality (VR), mixed reality (MR) and extended reality (XR).

These technologies will be transformed from interesting entertainment platforms to valuable business tools.

5G and immersive technologies will transform business operations.



Training

Employee onboarding, safety simulations, medical procedures



Visualization

Site map archives, patient care, rapid prototyping, 3D modeling, data visualization



Collaboration

Immersive meetings, remote repair, product development

Imagine hyper-realistic training environments. Stunning interactive customer experiences. Virtualized to-scale architectural designs. Fully visualized prototyping. The possibilities are endless.

What's the difference between AR, VR, MR and XR?

AR:

Augmented reality is the overlay of digital elements onto everyday environments.

MR:

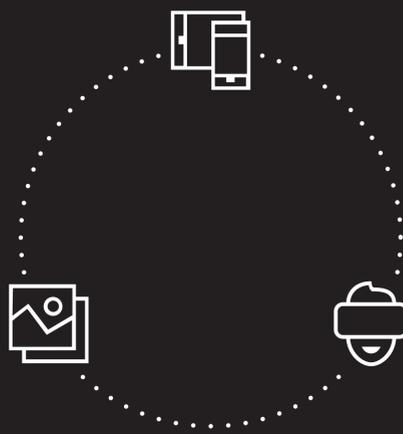
Mixed reality combines real and virtual worlds to produce new environments where physical and digital objects co-exist and interact in real time.

VR:

Virtual reality blocks out the outside environment completely and transports the user to a fully simulated world.

XR:

Extended reality is the umbrella term used to describe real/virtual combined environments and human-machine interactions. It encompasses AR, VR and MR.



What will be your 5G advantage?

With Verizon 5G Ultra Wideband and immersive technologies, you'll be ready to:

- Rapidly respond to changing business environments
- Deliver enhanced customer service and solutions
- Create new revenue streams
- Provide better education and training
- Empower immersive communication and collaboration

The building blocks of Verizon 5G Ultra Wideband—driven immersive tech



Throughput

Eventual peak data rates of up to 10 Gbps



Latency

Eventually <10 ms end-to-end response time



Connected devices

Support for up to 1 M low-bandwidth Internet of Things (IoT) devices in a square kilometer



Multi-access edge computing

Enables cloud servers to run closer to endpoints

Learn more at enterprise.verizon.com/products/mobility/wireless-devices/5g-devices/ or by contacting your Verizon Wireless business specialist.

