

What is MEC?

Looking to learn more about multi-access edge computing (MEC) and why low latency matters? Get the 60-second rundown from IndyCar Champ, Will Power.

Watch the video

The basics of multi-access edge computing

Multi-access edge computing (MEC) brings technology resources closer to the end user. Data is processed and stored at the network's edge, not at some distant data center, significantly reducing latency. MEC provides both an IT service environment and cloud computing capabilities to help enable the real time enterprise.

What MEC means for business

In addition to faster processing and increased bandwidth, MEC provides more tangible benefits for business.



Ultralow latency.

The potential for single-digit latency will open doors to a whole new generation of business possibilities.

Localized data.

Businesses can act on data right where it's created. This can lead to greater performance, contextually aware applications and improved security.

Expanded IoT potential.

With MEC, processing that would take place in IoT devices can now occur in the cloud. This significantly lowers the energy and battery demand in IoT devices, allowing for rapid expansion.

How MEC and 5G can change entire industries

A next-generation network isn't just about speed. It's about reimagining what's possible. Here are just a few examples of how MEC and Verizon 5G can help you innovate and transform.

Manufacturing

Connected factory floors are becoming always on. MEC architecture can improve floor safety, get machines communicating in near-real time and maintain zero-touch quality assurance.

Transportation

Businesses will be able to take advantage of 24/7 autonomous fleets. MEC, with the high bandwidth and low latency of 5G, will process road and driving information in near real-time.

Entertainment

With computing at the network's edge, wireless infrastructure stadiums will meet high traffic demands. Audiences will be able to unlock rich, real-time content for meaningful engagement.

Visit our use case library to see how MEC enhances real-world experiences.

Explore use cases

MEC and 5G: a powerful combination

Multi-access edge computing vs mobile edge computing

While multi-access edge computing refers to the edge of any network, mobile edge computing refers to the edge of only the mobile network. Verizon 5G Edge is a mobile edge computing platform that enables developers to build applications for wireless edge devices with lower latency.

As applications increasingly move to the edge of the network, Verizon 5G Ultra Wideband and MEC can be a force multiplier for innovation.

Read the white paper >

Virtualization from core to edge.

We've virtualized the core of our network, and now we're virtualizing the radio access network (RAN) edge to make edge-on-demand possible.

Extensive reach.

MEC is all about location, and we have service points across the country.

Performance and reliability.

5G Ultra Wideband is built right to support even the most demanding of applications and use cases.

5G Nationwide available in 2700+ cities. 5G Ultra Wideband (UWB) available only in parts of select cities. 5G UWB access requires a 5G capable device with select voicetalk & 5G UWB plans.

Verizon 5G Edge: Expanding business possibilities

Verizon 5G Edge unites two key elements of multi-access edge computing—infrastructure and software development.

Read FAQs

Infrastructure

For mobile edge computing to succeed at scale, a high-performance cellular network is critical. Verizon 5G Ultra Wideband was built from the start to support future applications, devices and services.

Software development

With this new architecture, developers will be able to build applications with ultra-low latency for mobile end users and wireless edge devices. This opens up a whole new world of possibilities for the public and private sector.

Developers

Take full advantage of MEC's potential by staying up to date with the latest announcements, technical specifics and in-depth information.

Sign up now

Business innovators

Stay current on rapidly emerging opportunities so you can make better informed decisions for your business.

Get our newsletter

Give us a call.

Call 1.800.317.3844 today.

Contact a 5G Edge expert.

Contact a rep

© 2021 Verizon Terms & conditions Privacy Policy Do Not Sell My Information
About Our Ads Accessibility Open Internet Analytics