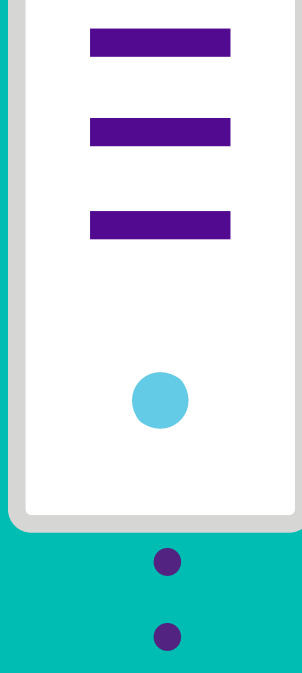


edge data centers



Getting critical data where it's needed in our increasingly wireless world has become a big challenge for many providers. Edge data centers bring colocation, data processing, and networking solutions right to the edge of the network. This decreases latency by ensuring there is no data drop off between the data source and its destination.

At a glance

40K+

towers

75K+

route miles
of fiber

75%

of data
will be
processed
at the edge
by 2022¹

A pioneer in edge computing.

The move to 5G and other advancements in technology will require a fresh approach to the current infrastructure model. Edge data centers decentralize the computing power needed to facilitate technologies like virtual reality, autonomous vehicles, and the internet of things. That's why we've invested in VaporIO, a leading edge data center provider, and we're fully committed to providing the land, fiber, and other infrastructure needed to move the technology forward.

INTERNET OF THINGS (IOT)

Edge data centers will make it possible to process the massive amount of new data emerging IoT devices require—without causing extra network congestion.

AUTONOMOUS AND CONNECTED VEHICLES

Edge data centers will process much of the data these vehicles need to provide enhanced capabilities that will make roadways safer and reduce traffic congestion.

AR/VR

Augmented and virtual reality tools such as interactive 3D training manuals and remote surgery require split second response times to be beneficial—just the type of use case edge data centers excel at.

SMART CITY TECHNOLOGIES

New IoT technologies like remote utility monitoring and intelligent parking management are being deployed to make cities smarter and more efficient. Much of the data from these technologies will be processed at edge data centers.

1. State of the Edge, "Data at the Edge," 2019