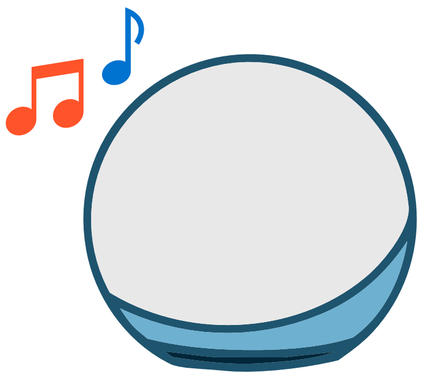
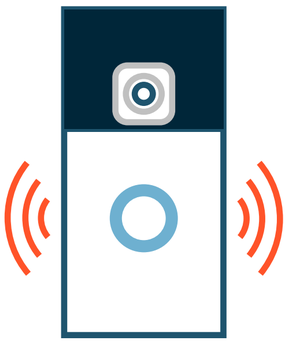
DATA CENTERS FOR BEGINNERS

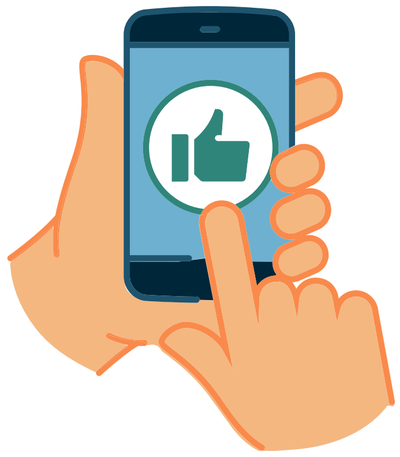
How the Internet Really Works

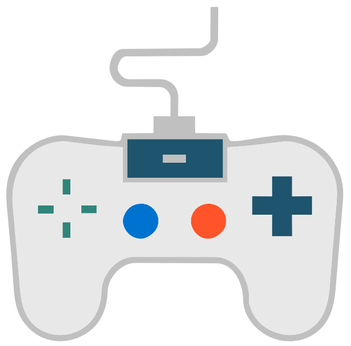










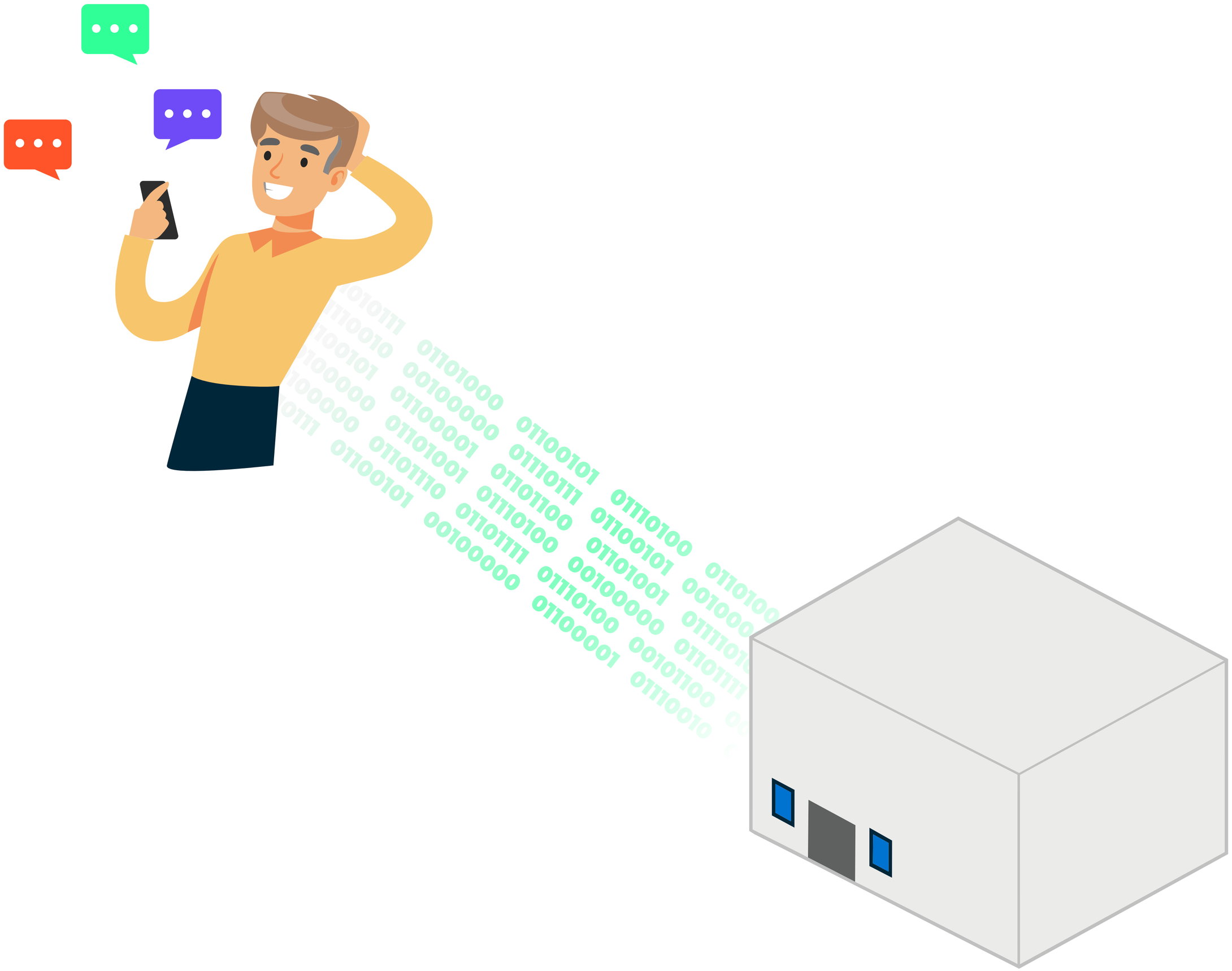






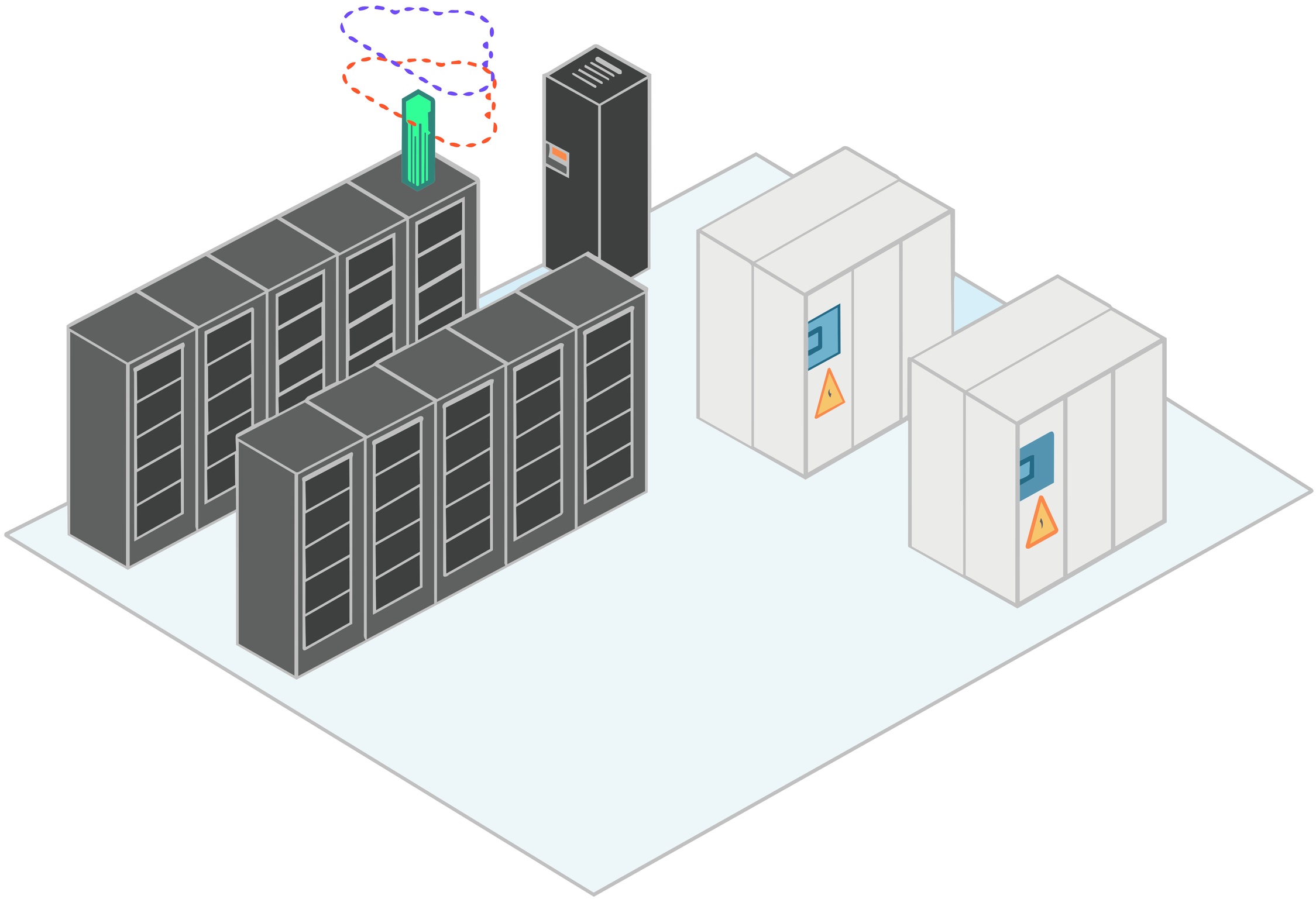


Do you use the internet?



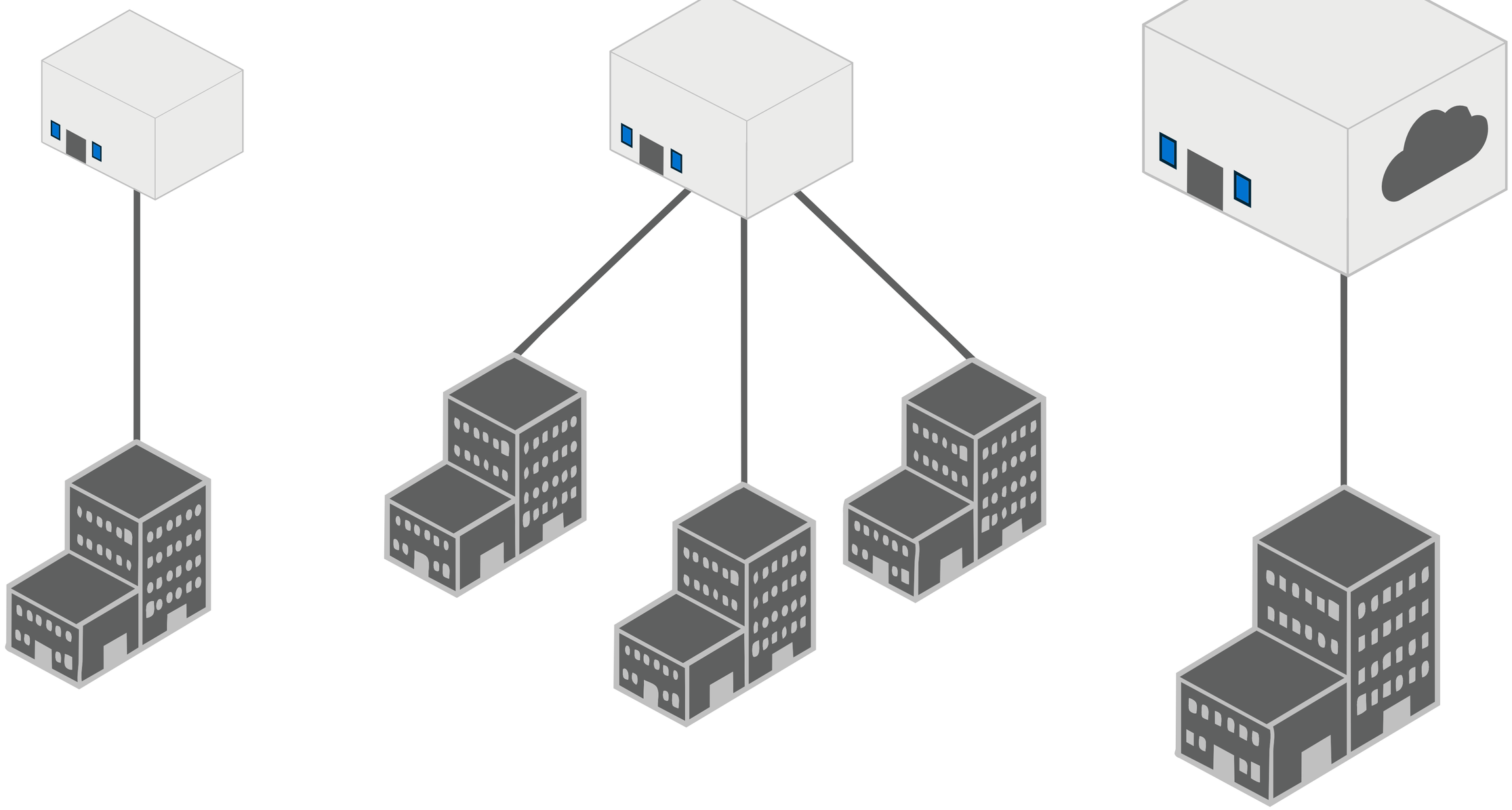
Whether we realize it or not, we are all consumers and customers of data centers. They are the invisible backbone of the internet.

They enable the data generated from our everyday digital lives to be transferred, processed, analyzed and stored.



So, what *is* a data center?

A data center is a building that houses the computers, servers and networking equipment needed for data to move.



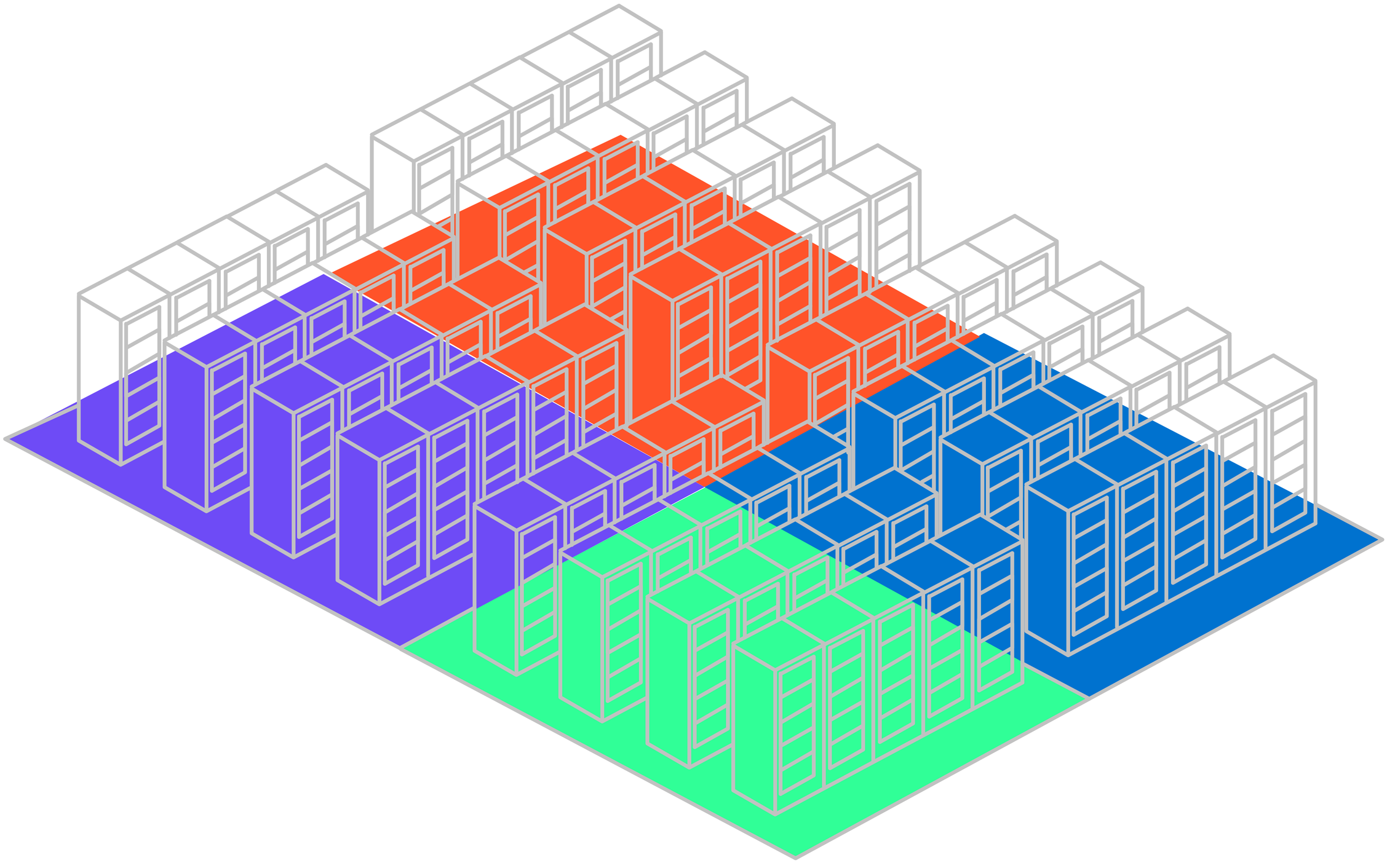
Keep in mind, not all data center are alike.

There are three main types:

Enterprise data centers are company-owned or managed facilities serving a single organization.

Colocation or multi-tenant data centers that house compute for tens to hundreds of companies.

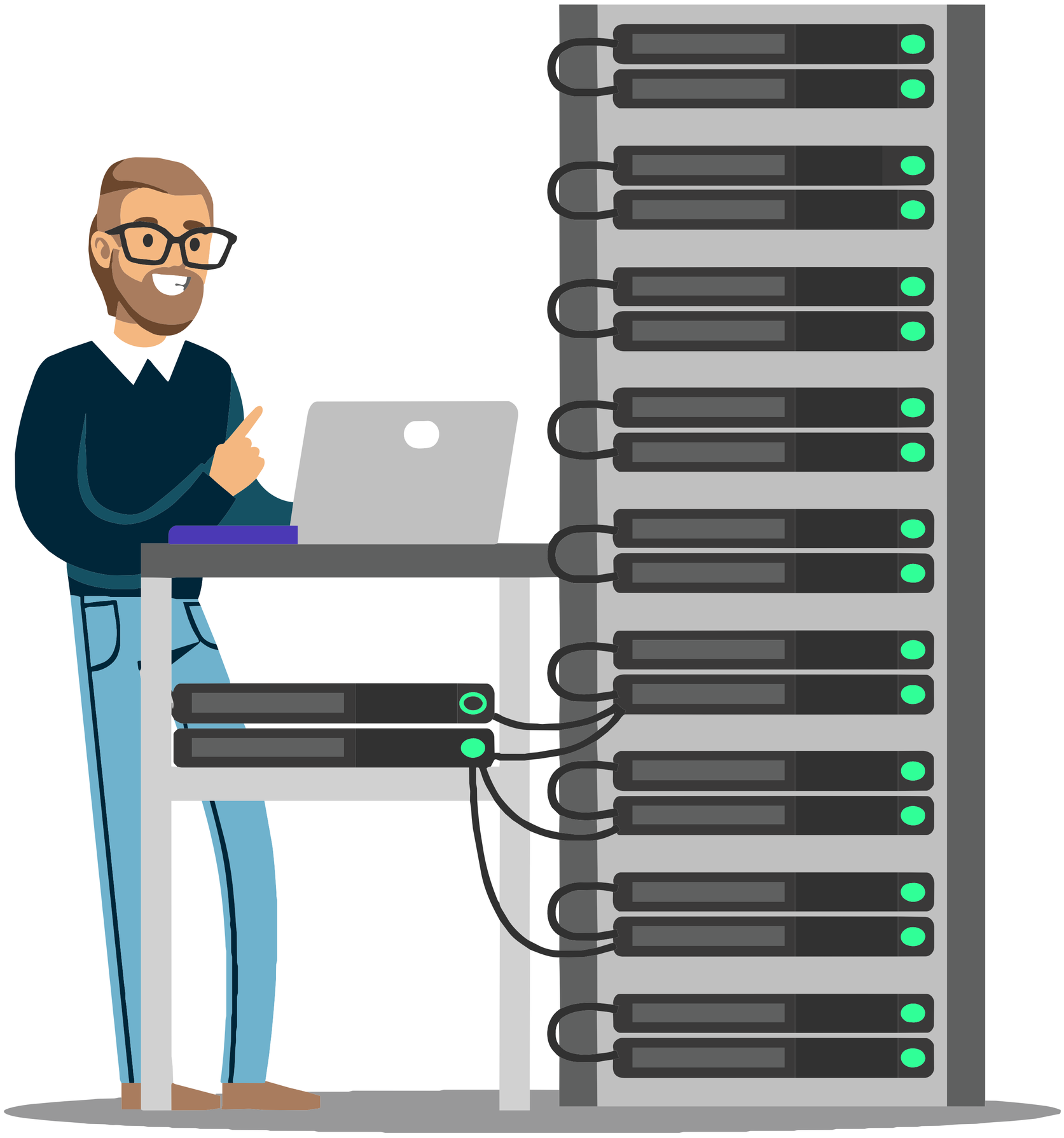
Hyperscale or AI data centers are massive facilities built and operated for one large company.



What makes multi-tenant/colocation data centers special?

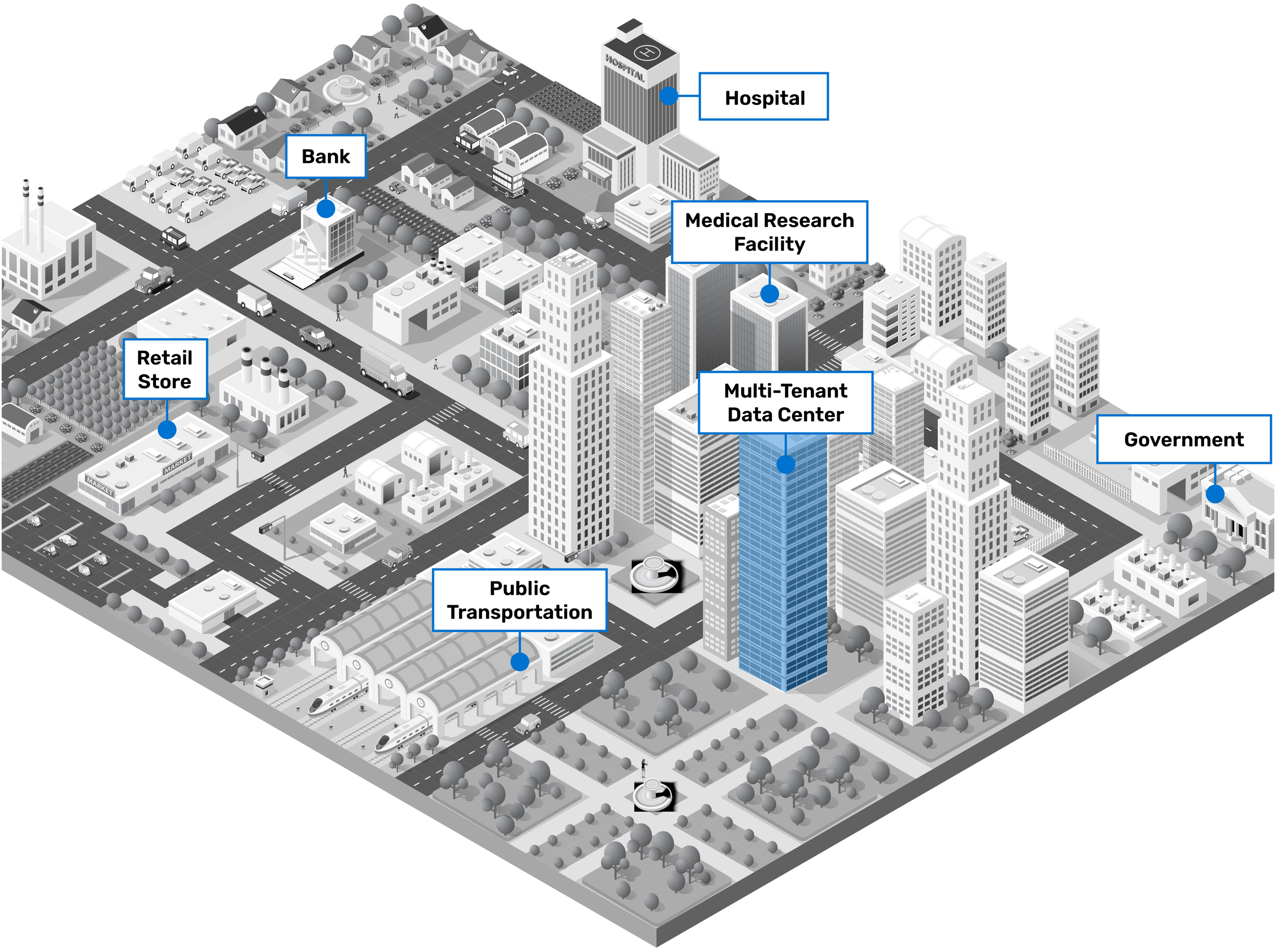
Multi-tenant data centers house many customers’ computer equipment under one roof.

Similar to a mall, they share secure space, power, cooling and can connect with each other.



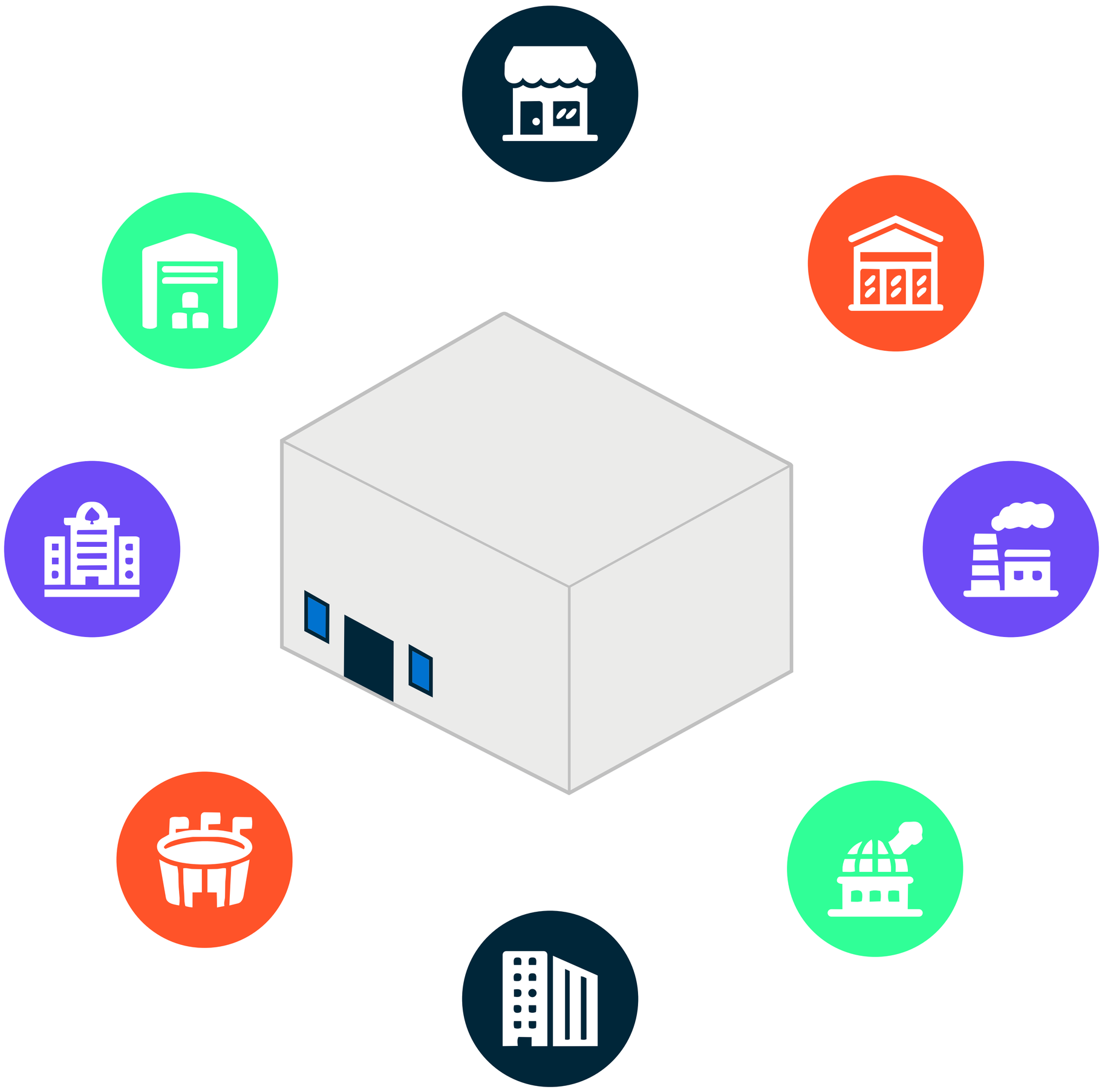
There’s a human side, too.

Multi-tenant data centers like CoreSite are operated by expertly trained technical staff who work 24 hours a day, 365 days of the year. Their job is to make sure everything stays up and running so customers’ systems always work.



This is why multi-tenant data centers are considered critical infrastructure.

They support 911 emergency services, medical research, bank transactions, government programs and much more. In short, multi-tenant data centers help make sure the digital services we depend on simply work.



Multi-tenant data centers also help our communities.

When many companies share the same data center, they are able to use resources like power and water more efficiently. And by working under one roof, they can connect faster and easier, create new technology and support a growing digital economy.



CoreSite has operated as a good neighbor for more than 20 years. We focus on providing secure and reliable ecosystems for communities, businesses, networks and clouds to connect and provide the critical infrastructure required to support the digital services we rely on every day.

Our team of experts is proud to empower a more connected future.

To learn more, visit our Data Center Knowledge Base.

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