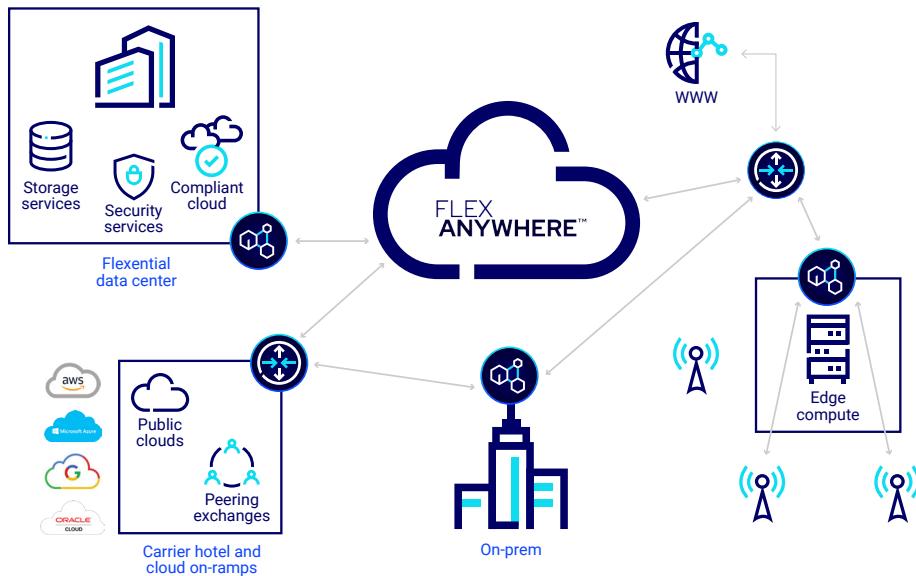# Flexential Local Edge

Low latency, high reliability network connectivity to the edge

Flexential Local Edge empowers customers to deploy hardware and software very close to the end user or application—at the edge—in professionally designed, maintained and connected data centers. In conjunction with edge data center providers such as American Tower, Flexential enables businesses to connect their customers with the lowest latency, highest security and most comprehensive network services possible, enabling peak application performance.

In addition, Flexential Local Edge allows customers to tap into the FlexAnywhere™ interconnection, which provides IP bandwidth, data center interconnect, hyperscale connectivity, Storage-as-a-Service, Disaster-Recovery-as-a-Service and more.

Network-based interactions are increasing, with International Data Corporation (IDC) predicting that by 2025 every connected human in the world will have a digital interaction every 18 seconds.

Storage services
Security services
Compliant cloud
Flexential data center

FLEX ANYWHERE™

WWW

aws
Microsoft Azure
Google
ORACLE CLOUD

Public clouds
Peering exchanges
Carrier hotel and cloud on-ramps

On-prem

Edge compute

Enable peak application performance at the edge

Edge computing allows network connected resources to exist near where the data is being generated and used, allowing for real-time analytics and real-time value. Increased use of video and other high definition data formats drive the need for closer low-latency services, as edge-enabled services come on-line.

These services support a variety of industries and applications—manufacturing quality and safety, supply chain security, mobile healthcare and smart health devices, transportation and logistics, next generation media and entertainment, including e-sports, and of course autonomous vehicles (including delivery) that are growing in usage as contactless services become more important worldwide.

Flexential Local Edge provides

- Network backhaul to highly secure, reliable data centers for large compute and storage
- 5G integration supported by transport of data from the edge to the core
- Connectivity options through a single provider
- Reduced design complexity
- Application performance for superior customer satisfaction

Features

- Continuous monitoring
- Real-time portal reporting
- Maintenance and uptime of IP network
- Core router and switch upgrades
- Usage monitoring
- Network device access through dual-factor authentication

Benefits

- Low latency
- High performance
- Reduced design complexity