

FINDING YOUR EDGE **IN THE APP-DRIVEN** **FUTURE**

Read what a research firm found 1700+ global IT leaders are looking for when it comes to secure app delivery at the edge.



Edge is **wherever you need it**

Edge isn't a location. It's a new way to deliver apps through a combination of distributed compute, high-performance network, automated security and open orchestration for latency-sensitive, bandwidth-intensive applications like IoT, ML, AI and streaming analytics. It goes wherever your data or customers need it, and it's enabling massive change on industries at every level of society.

Where is the edge in edge compute?

29%



Cloud data centers

23%



IoT devices

18%



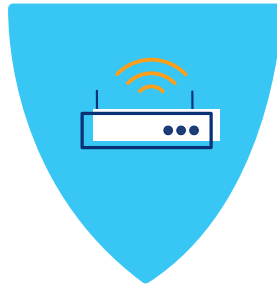
On-premises data centers

14%



End-user devices

4%



Routers/ Gateways

Your edge is faster compute and closer connections

IT pros are turning to cloud edge for faster compute because traditional clouds aren't close enough to support today's latency-sensitive data and data-intensive apps.

86% say edge compute is the best environment for apps that are latency-sensitive

What is the minimum latency required by your **most mission-critical application?**

Currently

5 years from now

1ms

5ms

10ms

20ms

**What are the benefits of off-premises
edge compute?**

Lowering latency

Handling data-intensive workloads

Lower TCO

**Your edge is distributed
capabilities**

Nearly 1 in 3 U.S. IT decision makers expect more than 50% of their organizations' compute to be at the edge sometime in the next five years.

What organizations look for in an **edge solution**

Highly available and reliable network

Robust security

Low-latency edge services

High amount of coverage with low TCO

Flexibility between public cloud providers

Private connectivity between my premises and edge site

8/10 U.S. IT decision makers want a hybrid application ecosystem and single management tool for all their cloud, on-prem and edge environments.

Your edge is closer than you think

Lumen is ideally positioned to deliver edge computing solutions that seamlessly orchestrate your applications with an end-to-end edge ecosystem that leverages our owned-fiber network breadth, data center footprint, private and public cloud partnerships, low-latency distributed compute nodes and managed services to accelerate and secure your path to the edge.

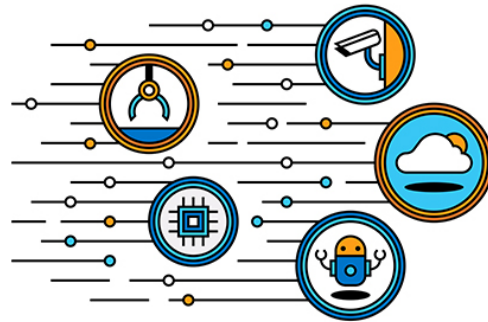
Get the whole story

Read the full white paper for insights into maximizing cloud agility with edge performance and how IT leaders are planning to use new edge solutions to meet the challenges and opportunities of the 4th Industrial Revolution.



Trend Report:

The Edge Compute Imperative



Trend Report: *The Edge Compute Imperative*, Lumen, April 2021

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