

# Edge-enabled digital signage

Partnering with other technology leaders, we deliver customized solution stacks for your unique business needs.

	Offered directly by Lumen	Offered by partners	Leading players
<b>Services</b> Managed services, SIs	Lumen IT Services, Lumen® Professional Security Services	SIs	LUMEN® Accenture, Cognizant, Deloitte, DXC Technology, IBM
<b>SaaS</b> Analytics/AI SW		Analytics solution	Adobe, databricks, Salesforce
Other SaaS (e.g., verticalized apps)		CMS + DAM solution	Adobe, AERVA by watchfire, BRIGHTSPOT
<b>PaaS<sup>1</sup></b> Multi-cloud management <sup>2</sup>	Lumen® Edge Orchestrator		LUMEN®
<b>IaaS</b> System infrastructure (e.g., virtualization)	Lumen® Edge Gateway	Lumen® Edge Private Cloud	LUMEN®
Compute	↓	↓	LUMEN®
Storage	↓	↓	LUMEN®
Network equipment	↓	↓	LUMEN®
Colocation	↓	↓	LUMEN®
<b>Edge end points</b> Gateways	Lumen® Edge Gateway		LUMEN®
Edge devices		Digital signs/coolers	Beverage-Air, Cooler Screens, embed signage, ENPLUG, Industrial Frigo, QBD, SCALA
<b>Connectivity<sup>3</sup></b> Networking	Lumen® Dynamic Connections, Lumen® Fiber+ Internet, Lumen® SD-WAN, T-Mobile USA 5G		LUMEN®
Security	Lumen Managed Firewall Service, Lumen® IP VPN		LUMEN®

[EXPLORE EDGE SOLUTIONS](#)

[www.lumen.com/edge](http://www.lumen.com/edge)

<sup>1</sup>PaaS solution can be an option if end-customer has development capabilities in-house for customized apps.  
<sup>2</sup>Multi-cloud management not applicable in this use case.  
<sup>3</sup>Lumen can support 3rd party connectivity providers (e.g., AT&T)

# Lumen Edge Solutions

## Services

### Lumen IT Services

Accelerate your innovations with next-generation IT solutions and trusted experts.  
[www.lumen.com/en-us/managed-it-services/strategy-systems-and-technology.html](http://www.lumen.com/en-us/managed-it-services/strategy-systems-and-technology.html)

### Lumen® Professional Security Services

Minimize threat management overload and shrink attack surfaces while maximizing defense alertness.  
[www.lumen.com/en-us/security/professional-security-services.html](http://www.lumen.com/en-us/security/professional-security-services.html)

## PaaS

### Lumen® Edge Orchestrator

Organize and monitor your infrastructure, workloads and services across multi-edge environments.  
[www.lumen.com/en-us/edge-computing/orchestrator.html](http://www.lumen.com/en-us/edge-computing/orchestrator.html)

## IaaS

### Lumen® Edge Gateway

An on-premises edge computing solution for WAN, security and IT workloads.  
[www.lumen.com/en-us/edge-computing/edge-gateway.html](http://www.lumen.com/en-us/edge-computing/edge-gateway.html)

### Lumen® Edge Bare Metal

Optimize app performance with dedicated bare metal servers on edge nodes designed to deliver ≤5ms of latency.  
[www.lumen.com/en-us/edge-computing/bare-metal.html](http://www.lumen.com/en-us/edge-computing/bare-metal.html)

### Lumen® Edge Private Cloud

Harness fully managed pre-built infrastructure for high-performance computing on our global fiber network.  
[www.lumen.com/en-us/hybrid-it-cloud/private-cloud.html](http://www.lumen.com/en-us/hybrid-it-cloud/private-cloud.html)

## Edge end points

### Lumen® Edge Gateway

An on-premises edge computing solution for WAN, security and IT workloads.  
[www.lumen.com/en-us/edge-computing/edge-gateway.html](http://www.lumen.com/en-us/edge-computing/edge-gateway.html)

## Connectivity

### Lumen® Fiber+ Internet

Leverage enterprise network reliability and scalability delivered through a self-serve digital buying experience.  
[www.lumen.com/en-us/networking/business-fiber.html](http://www.lumen.com/en-us/networking/business-fiber.html)

### Lumen® SD-WAN

Secure and coordinate workloads on a single, automated platform with centralized visibility and control.  
[www.lumen.com/en-us/networking/sd-wan.html](http://www.lumen.com/en-us/networking/sd-wan.html)

### Lumen® Dynamic Connections

Stay ahead of evolving business demands with real-time network provisioning for next-gen IT agility.  
[www.lumen.com/en-us/hybrid-it-cloud/dynamic-connections.html](http://www.lumen.com/en-us/hybrid-it-cloud/dynamic-connections.html)

## Security

### Lumen® IP VPN

Connect your locations globally to a flexible network with the capacity and self-service features to respond fast.  
[www.lumen.com/en-us/networking/mpls-ipvpn.html](http://www.lumen.com/en-us/networking/mpls-ipvpn.html)

### Lumen® Managed Firewall Service

Secure and defend your infrastructure by protecting the network perimeter from external threats.  
[www.lumen.com/en-us/security/managed-firewalls.html](http://www.lumen.com/en-us/security/managed-firewalls.html)