Edge-enabled digital signage

Retail location

1. Edge-connected sensors detect customer’s proximity to digital sign

On-premises edge digests sensor data to identify how long customer has been near sign and their interaction with store display (e.g., open cooler door)

2. Wi-Fi

Lumen Edge Gateway

Public cloud

Dynamic connectivity generates custom content sent to digital sign — further personalised based on local factors such as weather, sports games and time of day

3. Lumen SD-WAN

Lumen firewall

Lumen IP VPN

Edge cloud location

Sensor data is sent to the edge cloud from multiple retail sites where it can run analytics and generate custom content for signage

4. Lumen Edge Bare Metal

Lumen Edge VM

Lumen Edge Private Cloud

Lumen Dynamic Connections IP VPN

Lumen Fibre Connectivity solutions

Lumen ITS, professional security services

EXPLORE EDGE SOLUTIONS

www.lumen.com/edge

1 For high compute use-cases, use Lumen Edge Gateway with Lumen Edge Private Cloud
Lumen Edge Solutions

Services

**Lumen IT Services**
Accelerate your innovations with next-generation IT solutions and trusted expertise.

**Lumen Professional Security Services**
Minimise threat management overload and shrink attack surfaces while maximising defense alertness.

PaaS

**Lumen Edge Orchestrator**
Organise and monitor your infrastructure, workloads and services across multi-edge environments.

IaaS

**Lumen Edge Gateway**
Take advantage of an on-premises edge computing solution for WAN, security and IT workloads.

**Lumen Edge Bare Metal**
Optimise app performance with dedicated bare metal servers on edge nodes designed to deliver ≤5ms of latency.

**Lumen Edge VM**
Provision virtual machines and functions with next-gen agility at the edge.

**Lumen Edge Private Cloud**
Harness fully managed pre-built infrastructure for high-performance computing on our global fibre network.

Edge end points

**Lumen Edge Gateway**
Take advantage of an on-premises edge computing solution for WAN, security and IT workloads.

Connectivity

**Lumen SD-WAN**
Secure and coordinate workloads on a single, automated platform with centralised visibility and control.

**Lumen Dynamic Connections**
Stay ahead of evolving business demands with real-time network provisioning for next-gen IT agility.

Security

**Lumen IP VPN**
Connect your locations globally to a flexible network with the capacity and self-service features to respond fast.

**Lumen Managed Firewall Service**
Secure and defend your infrastructure by protecting the network perimeter from external threats.