

# Lumen® Edge VM

All-in-one infrastructure for low latency at scale.

Edge VM was designed to better manage IoT devices, sensors and systems at the edge where digital interactions occur for more sophisticated data processing and intelligence. It combines software-defined compute, storage and networking with the resources you need for next-gen applications to run at high-performance, low latency and at scale.

With Edge VM, you can deploy workloads at the edge and help reduce bandwidth costs, address latency issues, enable data sovereignty and improve governance across a varied and dispersed geography.

## Extend your cloud to the edge

Expand and scale software-defined benefits of the cloud to universally enable remote provisioning, management and monitoring of edge devices across large geographical footprints.

## Simplify management of devices

Unify orchestration and visibility of devices with a flexible virtualized software stack that offers seamless integration for virtually any variation or incongruence in the underlying hardware.

## Secure and optimize operations

Enhance security and streamline ops with the Lumen Platform, designed to support data privacy and increase efficiency using open source software and other virtualization tools.

**20+ planned edge locations designed to deliver 5ms or better latency.**



## Common Use Cases

- Virtualizing point-of-sale (POS) systems that require seamless integration to peripherals
- Unifying and connecting IoT devices with virtualized software stacks in a single edge ecosystem
- Running SaaS applications close to digital interactions and operating as a VM on a server

## Features and Specs

### Scale

- On-demand virtual machine (VM) creation, reading, updating and deletion
- Control Logical Grouping of virtual infrastructure assigning VMs to group or folder
- 20+ planned edge location in North America and EMEA

### Management

- Multiple configurations of operating systems, memory and partitions:
  - OS: Ubuntu, CentOS, and Debian
  - Memory capacity: 4GB-16GB
  - vCPUs: 1-16
  - Partition: 100GB-500GB

### Security

- Dynamic networking choices
- Authorization and authentication of services and users

### Availability

Lumen Edge VM is available in North America and EMEA at 20+ planned edge locations. See availability at <https://www.lumen.com/help/en-us/edge-vm/locations.html>



### Why Lumen?

With approximately 450,000 route fiber miles and serving customers in more than 60 countries, Lumen delivers the fastest, most secure platform for applications and data. This lets us help businesses, government and communities deliver amazing experiences.