

# Lumen® Edge Orchestrator

Easily automate deployment across multi-edge environments.

Orchestration is essential if you want to experience the advantages of cloud computing. Lumen® Edge Orchestrator provides a single, open framework to automate, monitor and manage resources across all your cloud edge environments—including AWS, Microsoft Azure, Google Cloud Platform and Lumen® Edge Bare Metal.

Offering rapid deployment, self-service access and seamless integration with the most popular third-party tools, Edge Orchestrator delivers the efficiency, flexibility and visibility you need to manage distributed workloads virtually anywhere your network reaches.

## Benefits

### Consistently deploy resources

Model full multi-tier apps for automated deployments and conveniently spin up infrastructure instances across clouds. Discover and deploy multi-edge compute resources securely—all with a single engine.

### Virtually manage all your clouds

Rapidly create and register existing cloud instances and manage inventory in one centralized place—including streamlined monitoring, reports, guidance and automated syncing of VMs, K8s nodes and workloads.

### Easily configure edge environments

Avoid lock-in through integration with third-party tools and automate tasks or workflows via templates and scripts. Self-service flexibility, APIs and a Lumen-managed portal make it easy to update at your pace.

“Unify existing tools and avoid vendor lock-in through our 100% agnostic approach to clouds and seamless integration with the most popular third-party tools.”



## Common Use Cases

- Deploying app components such as virtual images, node types and layouts
- Automating workload tasks, third-party scripts and job scheduling
- Managing existing cloud instances and workloads within a unified framework

## Features

### Integrations

- Bring-Your-own-Clouds (BYoC) including integration with AWS, Azure and GCP
- Synchronization of VM, K8s nodes and workload instances from registered clouds into inventory
- API integration with AWS, Azure and GCP enabling networking, load balancer and backup management
- Backups of summary, jobs, history and integrations
- Integration with common DevOps configuration management tools including Ansible, Chef, Puppet and Salt

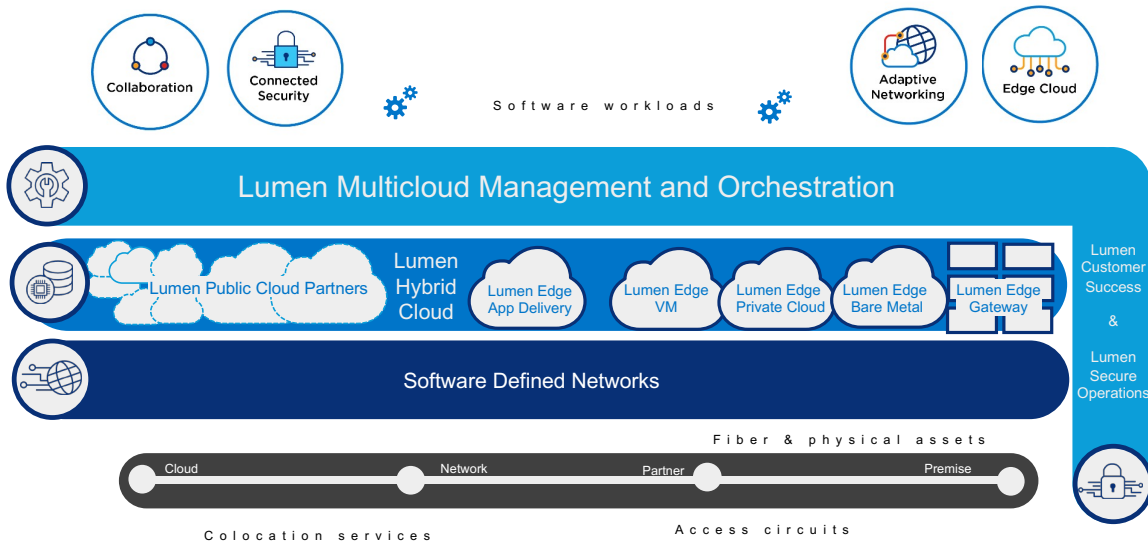
### Automation

- Blueprints including ARM, Terraform, CloudFormation and Kubernetes for modeling multi-tier application deployments for multiple environments
- Virtual Images hosting OS or application software for VMs
- Built-in library of instance types, scripts, automation templates

### Management

- Central dashboard for easy performance management and configuration information
- Multiple report types covering usage, cost, inventory, major actions, groups and clouds
- Intelligent recommendations for components like sizing, power state and shutdown based on your resource usage and costs
- Instance monitoring with health and group checks and alerts
- Analytics engine that projects costs and usage by customizable values
- Host and VM management for all your clouds
- K8 cluster (Kubernetes, Docker, EKS and AKS) management and provisioning

### Lumen Edge Platform with Edge Orchestrator



## Why Lumen?

Deploy and manage all your edge and public clouds with a convenient orchestration engine built into the Lumen Edge Platform.

- Optimize emerging workload performance, governance and security
- Capitalize on investments wherever you have a cloud edge presence
- Leverage our deep expertise in enterprise networking, cloud, edge and security