Edge Cloud

Extend your cloud on-premise

Edge cloud is Lightedge's fully managed infrastructure as a service that enables customer cloud stacks to be deployed outside of our data center. We have built this product in collaboration with Dell as a VxRail based solution built to run VMware workloads.

This allows us to deploy and operate anywhere in the world without needing to refactor workloads. It is currently available in two configurations: Lite and Pro.

Key Outcomes

- **Reduced Latency & Improved Performance:** Process data locally to minimize distance traveled, resulting in faster response times.
- **Enhanced Security & Compliance:** Greater control over sensitive data by processing and storing it locally.
- **Lower Operational Costs:** Reduce bandwidth usage and data transfer costs by processing data locally. Lightedge offers a fully mmanaged solution.
- **Always-on protection:** Pre-configured with robust backup and disaster recovery for continuous data protection.

Key Features

- **Greater Data Control**
- **Easy Deployment**
- **Highly Scalable**
- **Built for Anywhere**
- **Fully Managed**

Edge Cloud Solutions: Choosing the right fit

✓ **LITE**
Streamlined cloud for small and medium businesses

Cost Effective: Ideal for businesses seeking a budget-friendly cloud presence.

Simplified Set-Up: Get up and running quickly with minimal hassle.

Reliable Foundation: Built on a military-grade VXrail 4000 chassis for durability.

Low Maintenance: Requires minimal ongoing maintenance for continued operation.

✓ **PRO**
Comprehensive cloud for enterprises

Comprenhensive: Unlocks the full potential of Vcloud Foundation, including NSX and Aria Suite products.

Centralized Management: Gain full control with cloud director for easy administration.

High Availability: VCD availability ensures continuous operation and minimizes downtime.

Scalable Backups: Secure your data with VEEAM bare metal server backups.

Powerful Expansion: Scales to meet your needs, starting with 128 cores.

***Both Lite and Pro configurations offer a standard 3-year rental agreement with flexible commitment options to fit your business requirements.

Lightedge

Model	Edge Lite	Edge Pro 1	Edge Pro 2
Form Factor	Dell VD-4000 Chassis	Dell VD-4000 Chassis	VxRail P660F 1U Chassis
Rack Size	Not Rack Mountable but Can Be Wall Mounted with VESA Mount	1U	2U
Nodes	2	4	4
CPU	Intel D-2796NT 2.0 GHz	1x AMD EPYC 7543P-2.8 GHz-32 Cores	1x AMD EPYC 7543P-2.8 GHz-64 Cores
Memory	512GB	768GB	768GB
Usable Capacity	3TB	23TB	23TB
Hypervisor	VMWare	VMware	VMware
Data Storage RAID Level (Mirroring)		1	1
Power Supply	1400W Dual Hot-Plug Power Supply (Shared B/W Two Nodes)	1100W Dual Hot-Plug Power Supply (per node)	1100W Dual Hot-Plug Power Supply (per node)
Network Interfaces	4X10/25 GbE (per node)	4X10/25 GbE (per node)	4X10/25 GbE (per node)
VMware Suite	Vcenter (VCD,VCDA)	Vcenter (VCD,VCDA), Vcloud Foundation (NSX, Aria Suite)	Vcenter (VCD,VCDA), Vcloud Foundation (NSX, Aria Suite)

*** *Edge Lite with the Dell VD-4000 Chassis is spec'd to handle 7 VMs with 4x CPU per VM, 8GB of RAM per VM, and 100GB of storage per VM. Edge Lite can also be stacked for scaling.

Edge Pro can be configured and scaled as necessary. Samples of configuration shown just demonstrate the variations of components.

Additional capacity can be added with scaling by increasing node count for Pro or with a stacked chassis for the Edge Lite.