Lumen's Dedicated Cloud service combines a private cloud platform with best of breed technology implementations. This powerful combination equips your business with the tools to rapidly build, control and customize your IT environment.

Lumen Dedicated Cloud eliminates the capital burden of investing in expensive physical server deployments that often go underutilized. Every component of Lumen Dedicated Cloud supports the demands placed on your infrastructure without the burden of long-term contracts or the lead time of traditional deployments. With Dedicated Cloud you are able to deploy compute resources quickly and easily when you need them and turn them off when you do not.

Lumen Dedicated Cloud offers enterprises a way to reshape their environments to meet the needs of hybrid IT without sacrificing security and performance.

**Flexible, scalable, and always available**

Flexibility is an essential component of any cloud solution. Lumen Dedicated Cloud services are built upon a fully redundant architecture and are designed to eliminate downtime. Our dynamic architecture can move instances between physical servers without service interruption, keeping your production environment and applications up and running without compromising performance.

Using virtualization technology powered by VMware, your Lumen Dedicated Cloud solution can be partitioned into multiple self-contained virtual machines, each capable of running its own operating system and set of applications, dramatically reducing the high cost and management hassles that accompany server sprawl.

**Put yourself in the driver's seat**

Our portal gives you control and a complete view of your server and networking infrastructure. Intuitive wizards help you customize and provision new server instances from a multi-tenant or dedicated pool of physical components, including managed operating systems, processing, memory and applications. In addition, you can easily track all your orders, tickets and invoices through the portal. To ensure security, Lumen allows you to strictly control who has access to portal. Your authorized users can then securely access portal from virtually anywhere in the world using either desktop or mobile devices.

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**Lumen Dedicated Cloud Advantages**

- Pay-by-the-instance model
- Customer-controlled online instance provisioning in minutes
- Flexible business terms
- Scalable infrastructure
- Granular scalability
- Enterprise-class reliability
- Lumen Global Networking footprint

**Lumen Dedicated Cloud Features**

- Dedicated, private cloud infrastructure providing secure virtualized hosting
- On-demand instance and storage provisioning
- Full capacity management and customizable monitoring
- High availability instance failover with 99.9% SLA
- Hardware optimization with Dynamic Instance Balancing
- Multi-OS environment
- Available in 30+ Data Centers Globally
Security first and foremost

Security requirements are top of mind in Lumen Dedicated Cloud deployments. Lumen managed security services can be integrated seamlessly into your hosting solution providing protection against threats. We architect critical security controls upfront as key components of Lumen Dedicated Cloud so that business functionality remains agile. Additionally, VMware technology partitions instances, segregating each customer’s instances and data in a dedicated environment.

Managing your environment

Whether you’re supporting seasonal site traffic, expanding your IT environment or optimizing for application workloads, Lumen Dedicated Cloud can dramatically improve operational efficiencies while reducing the total cost of ownership (TCO). We provide a scalable, agile infrastructure that gives you control through the portal to add resources as you need them — in a matter of minutes, not days.

Key benefits include

Operating system management
Lumen will maintain the operating system, thoroughly testing each upgrade, service pack and patch. Lumen will also work with you to distribute updates utilizing our proprietary inventory distribution capabilities.

Disaster recovery
A Dedicated VMware vCenter Server™ offers companies that are already running VMware in their data centers the ability to seamlessly replicate workloads to a Dedicated Cloud Compute infrastructure and manage failover automation using VMware vCenter™ Site Recovery Manager™.

Security patch deployment
We deliver critical security patches and service packs to maintain the integrity and performance of your solution.

Hot fixes and non-security patches
We evaluate hot fixes and non-security patches to determine their urgency and impact, and follow the same rigorous guidelines for testing and integrating them as we do with service pack upgrades. Lumen provides support that extends beyond the walls of our data centers and network operations center (NOC), and because we give you full visibility into your hosting environment, you always know the status of every component of your solution.
Keep your systems up and running with our renowned customer support

Commitment to customer service is our top priority. We’ve spent more than a decade integrating our systems and developing procedures that allow us to deploy your solution quickly. Our certified staff of support professionals takes care of keeping your environment up and running at optimal performance so your IT staff can focus on your strategic business initiatives.

Common Dedicated Cloud use cases

- External Compliance Requirements such as PCI, HIPPA and others that drive a need for physical hardware isolation.
- Need to customize your cloud architecture to effectively deploy and managed a Hybrid IT environment.
- Corporate Security policies that require dedicated compute servers.
- Easily connect Dedicated Cloud to a Lumen colocation environment or other managed services.

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