Lumen℠ Data Center Services Omaha, Nebraska

High availability enterprise computing

Designed and equipped to meet the demands of enterprises, wholesale businesses and government agencies, The Lumen Premier Elite Omaha Data Center is an ideal space to house your power-intensive applications and ensure business continuity. Get the incremental footprint you need for enterprise servers and storage systems with minimal capital investments or increased in-house costs for operation, administration and management.

Size

- Raised floor space: More than 10,000 square feet.
- Power densities: Exceeding 200 watts per square foot
- Certifications
- Tier III Uptime Institute Design Certified
- Tier III Uptime Institute Construction Certified
- Energy Star

Examinations and assessments

- SSSAE 16 Examinations and PCI DSS Assessments Completed

Floor system and floor load

- Raised Floor: 20" Tate Concore 2500 Access Floor System
- Floor Load: 2500 lbs/tile
- Sub Floor Load: Depressed slab on grade

Location

Address
6805 Pine Street, Omaha, NE 68106

Campus
20 acres

Parking
400-plus stalls

Storm Resistance
Cast in place concrete shell providing resistance to winds in excess of 200 mph

Shipping
Loading dock with dock leveler
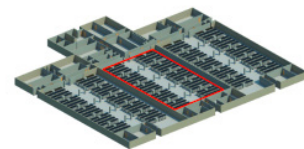
Campus access
The campus and facility are accessible to customers 24 x 7 Flood Plain: All facilities elevated above 100-year flood plain

Nearest Airports
Eppley Airfield – Omaha Airport Authority (OMA) – Public

Storage
Secure caged storage available for customer use

Lumen Premier Elite data center is protected by K12 rated perimeter. All critical infrastructure systems are housed internally.

LUMEN℠

Power to evolve with connectivity to expand

Migrating your enterprise applications to our data center means you gain direct access to our vast, advanced communications services and Lumen network with service to 45 countries around the globe. Our colocation and data center footprint offers more than 350 locations in North America, Latin America and Europe. Build custom networks that deliver high availability, high performance applications. Our vast data center footprint means you're on-net with Lumen in approximately 350 locations throughout North America, Latin America and Europe.

Available Data Transport Services

- Private Line & Ethernet
- Waves & Ethernet Waves
- Lumen^{SM} Dedicated Internet Access Service
- Lumen^{SM} High Speed IP Service
- Lumen^{SM} EVPL Service
- Lumen^{SM} VPLS Service
- Lumen^{SM} MPLS/IP VPN Service
- Fiber Access
- Four diverse concrete encased fiber entry vaults available

Latency* to

- Denver: 9.4 ms
- Chicago: 13.9 ms
- Dallas: 12.9 ms
- New York: 34.6 ms
- San Francisco: 34.2 ms
- Atlanta: 30.0 ms
- London: 102.7 ms

*Latency times are estimated and may vary depending on customer applications and other factors.

Meet-Me-Room:
- Access to other providers, including AT&T, Cox and Verizon through the building, allowing for carrier neutrality.

Utility

- Omaha Public Power District
- Utility Capacity
- Medium voltage utility feeds
- Supported by two discrete substations
- Distributed through a fully redundant ring design

Critical Power Capacity

- Up to 2 megawatts of critical load capability, isolated 2N UPSconfiguration.
- All UPSs are double conversion units paralleled for capacity, a single STS 1+N configuration and a wraparound maintenance bypass to allow UPS service without cutting power to A or B side of critical load.

LUMEN^{SM}

Tier III Critical Infrastructure

Uptime is critical to your business. And more demand means you need highly reliable power distribution and cooling systems to prevent downtime. Lumen Omaha Data Center offers flexible space and power options to meet your evolving needs. It includes power and environmental redundancy and protection, with 24/7 alarm monitoring and secured access upgrades without capital investments.

UPS energy storage

- Battery DC energy storage system arranged in an N+1 battery string per UPS module
- Emergency Power
- Up to eight 2250 kW medium voltage diesel generators in an N+1 configuration. Units housed indoors for protection with physical separation between units and switchgear
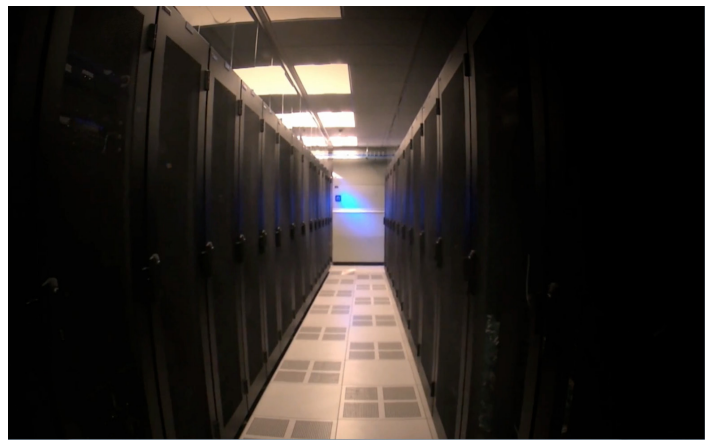
Fuel storage

- 24-plus hours of fuel in multiple tanks to prevent fuel spoilage. Onsite refueling capable while running

Cooling systems

- Precision cooling floor mounted chilled water air conditioning units provide N+1 cooling to each suite. Chilled water supplied through diverse and redundant loops from an N+1 configured central plant with multiple 1250 ton water-cooled chillers
- Air Handling: CO_2 monitored variable airflow.
- Humidification: Armstrong Humidification System.
- Backup Water System: Independent well for condenser make up water for cooling towers
- Leak Detection: Rope style leak detection under raised floor

Fire suppression

- VESDA smoke detectors with double interlocked pre-action dry pipe water suppression

More demand requires more power

LUMEN℠

Security You Can Rely On

Lumen is a trusted and reliable provider. Our network carries traffic for some of the world's largest and most sophisticated networks. Take advantage of our cost-effective solutions that allow you to design your own space, leaving the security and environmental protection systems to Lumen.

Lumen Tier III Data Center in Omaha also includes numerous technical services. Access on-site support where and when you need it, utilize the same field technicians that support the Lumen network and benefit from guaranteed response times and SLAs. To learn more about Lumen Data Center services and facilities, visit www.lumen.com.

Lumen Premier Elite data center security

- **Access Control:** Software House C*CURE Access Control System
- **Surveillance:** IP Video Recording System with Megapixel Cameras
- **Biometric Access Control:** Yes
- **Lumen Global Security Operations Centers:** Monitor the site 24/7 with IP video recording and access control

Building security

- **Access Control:** Lenel Encrypted Smart Card Access Control System
- **Building Surveillance:** IP Video Recording System with Megapixel Cameras
- **Biometric Access Control:** Yes
- **24/7 Guard Presence:** Yes
- **Building Access Mantraps:** Yes
- **Building Gated Perimeter:** Yes
- **K12 Rated Facility Barrier:** Yes

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