

# LIGHTEDGE OMAHA DATA CENTER

THE LEADER IN COMPLIANT CLOUD & COLOCATION



## UP FOR CHANGE. NOT UP AGAINST IT.

With its central US location and proximity to LightEdge's other facilities, Omaha was a natural fit for expanding our reach. After purchasing the building in 2017 and retrofitting it, LightEdge's 20,000 sq. ft. facility is the most up-to-date, multi-tenant data center in Omaha.

Enabled by a wealth of high-speed connectivity options, power rates that are 20% below the national average, 1/3 of power generation coming from renewable sources, and tax incentives that flow directly to data center tenants, the city of Omaha and the State of Nebraska are serious technology partners.



## WHAT MAKES LIGHTEDGE DIFFERENT?

With over 20 years in business, LightEdge offers a full stack of best-in-class IT services to provide flexibility, security, and control for any stage of a customers' technology roadmap.

Our solutions include premier colocation across seven purpose-built data centers, industry-leading private Infrastructure as a Service (IaaS) and cloud platforms, and the top global security and compliance measures. Our owned and operated facilities, integrated disaster recovery solutions, and premium cloud choices make up a true Hybrid Solution Center.

## BEST-IN-CLASS SOLUTIONS

- ▲ Compliance & Security
- ▲ Hosting & Cloud
- ▲ Colocation
- ▲ Business Continuity

## SECURITY & COMPLIANCE EXPERTISE

- ▲ ISO 20000-1
- ▲ ISO 27001
- ▲ HIPAA
- ▲ HITRUST
- ▲ PCI DSS
- ▲ SOC
- ▲ NIST
- ▲ FISMA
- ▲ FedRAMP
- ▲ CJIS
- ▲ NERC-CIP
- ▲ ISO 22301



## STATE-OF-THE-ART DATA CENTERS

- ▲ Des Moines I & II
- ▲ Kansas City
- ▲ Omaha
- ▲ Austin I & II
- ▲ Raleigh
- ▲ Lenexa
- ▲ Phoenix
- ▲ Los Angeles
- ▲ San Diego

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# OMAHA DATA CENTER FEATURES

## PHYSICAL LOCATION

- ▲ Convenient access to I-80
- ▲ Quick drive to Kansas City and Des Moines
- ▲ Close proximity to Omaha Airport
- ▲ Focal point for long-haul & transcontinental fiber
- ▲ Ideal for locality & geo-diversity
- ▲ Low seismic risk & low tornado probability
- ▲ Outside 500-year flood plain
- ▲ Not in airport landing path

## BUILDING & EXPANSION

- ▲ 20,000 sq. ft. facility built in 2010 & retrofit in 2017
- ▲ Hardened 10" pre-cast concrete structure
- ▲ Multi-zoned, dual interlocked, dry pipe sprinkler
- ▲ Very Early Smoke Detection Apparatus (VESDA)
- ▲ Rack, cage, and private suite options available
- ▲ Scalable power & cooling that can be dedicated, semi-dedicated, or shared
- ▲ Built to Tier III standards with 120 mph wind rating
- ▲ Break down room & storage areas for clients
- ▲ "Burn in" room to test & configure equipment
- ▲ Meeting space & board rooms onsite

## POWER

- ▲ Two separate utility feeds (2-1,500 KVA transformers)
- ▲ Redundant substations
- ▲ Generator Power (2N) 2-1.5 MW Cat Generators
  - ▲ 36-hour run time fully loaded (3,300-gallon fuel tanks)
- ▲ Two battery rooms
- ▲ Two separate electrical rooms
  - ▲ Each outfitted with (1) 750 KVA NXL Liebert UPS
    - ▲ Plumbed for two for a max 1.5MW

## COOLING

- ▲ CN+1 built-in redundancy
- ▲ 36-inch raised floors
- ▲ Motivaire Chillers (418kW each)
  - ▲ Max design 1.5MW cooling
- ▲ Liebert CRAH units in N+1 configuration
- ▲ Dual power fed HVAC units with Variable Speed Fans
- ▲ Humidity set point of 44

## CONNECTIVITY

- ▲ Private fiber backbone connects all LightEdge facilities
- ▲ Redundant, carrier agnostic connectivity
- ▲ Cross-connects to full suite of cloud services
- ▲ Variety of LightEdge dark fiber & lit services
- ▲ Enterprise-class, multi-carrier bandwidth
- ▲ Redundant DWDM access to local Carrier Hotel

## SECURITY

- ▲ Video surveillance at perimeter, throughout facility, and on each data center aisle with 90+ days archival
- ▲ Three levels of secure checkpoints throughout:
  - ▲ Secure check-in with key card, pin & biometrics
  - ▲ Multi-factor authentication in mantraps
  - ▲ Additional biometrics & key card access for white floor space entry
- ▲ All data center cabinets have combo locks
- ▲ Each cage or private suite is secured with key card access and/or biometric controls
- ▲ Tridium Niagara AX Building Management System
  - ▲ Centralized management of critical infrastructure equipment
  - ▲ Ensures conformance with ASHRAE TC 9.9 standards for
- ▲ A1 environments
  - ▲ Historical data available for trending

## COMPLIANCE

- ▲ PCI DSS & HIPAA compliant
- ▲ SOC 1 Type II, SOC 2 Type II & SOC 3 audited
- ▲ ISO 20000-1, ISO 22301 & ISO 27001 certified

## UNPARALLELED SUPPORT

- ▲ 24/7/365 manned Network Operations Center
- ▲ Remote Technical Hands available
- ▲ 100% uptime guarantee and SLA

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