



LIGHTEDGE KANSAS CITY DATA CENTER

The leader in compliant cloud & colocation



LightEdge's Kansas City, MO data center is a state-of-the-art, Tier III grade, underground facility located within SubTropolis Technology Center (STC). SubTropolis is owned and operated by Hunt Midwest, a privately held company owned by the Lamar Hunt family with a close relationship to our owner, The Anschutz Company. This partnership means strong financial backing and a tremendous investment in innovation.

SubTropolis Technology Center lies 125 feet underground in a solid limestone mine 6x stronger than concrete. It's naturally hardened for disaster protection, is EMP safe, and has a perfect Energy Star rating due to its constant temperature and humidity control. STC is built to accommodate 400,000 sq. ft. of contiguous expansion; all of which, can be configured for private rack, cage, customized private suites, of high density "pre-fabricated" container suites.

ABOUT LIGHTEDGE

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 customer's 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



STATE-OF-THE-ART DATA CENTERS

- Des Moines I & II
- Kansas City
- Omaha
- Austin I & II
- Raleigh

LIGHTEDGE



KANSAS CITY DATA CENTER FEATURES

PHYSICAL LOCATION

- Convenient access to I-435, I-70, I-35 & I-29
- Close proximity to KCI Airport
- Focal point for long-haul & transcontinental fiber
- KCP&L electrical grid on-site
- Centrally located in US
- Ideal for locality & geo-diversity
- Zero hurricane hazard
- Protected against tornadoes
- Outside 500-year flood plain
- Not in airport landing path

BUILDING & EXPANSION

- 45,000 sq. ft facility
- Rack, cage, and private suite options available
- Scalable power & cooling that can be dedicated, semi-dedicated, or shared
- Concurrent maintainability
- Leading MEP infrastructure
- Natural wind shadow for equipment yard
- Very Early Smoke Detection Apparatus (VESDA)
- Mission critical data center campus
- Storage areas for clients
- "Burn in" room to test & configure equipment
- Ample meeting rooms & board rooms onsite
- Workplace Recovery area for business continuity

POWER

- 4 parallel 600 kW generators
- 2.4MW of capacity on each side
- 2 separate power feeds from dual substations
- All power in conduit or seal tight
- Flexible conduit with approved connectors
- Power density up to 30kW per rack
- Some of the world's most robust energy delivery
 - o Constant, uninterrupted power

COOLING

- Redundant Liebert CRAH & UPS
- Chilled water system for cooling
- 36-inch raised floors
- Dual power-fed HVACs with Variable Speed Fans
 - o Humidity set point of 44
 - o N+1 built-in redundancy

CONNECTIVITY

- Private fiber backbone connects all LightEdge facilities
- Redundant, carrier agnostic connectivity
- High bandwidth, high reliability, low latency
- Redundant DWDM access to Carrier Hotels
- 10Gb local private connectivity
- No single point of failure
- Cross-connects to full suite of cloud services

SECURITY

- Video surveillance at perimeter, throughout facility, and on each data center aisle with 90+ days archival
- 24/7/365 guards & gated entrance
- Three levels of secure checkpoints throughout:
 - o Secure check-in with key card, pin & biometrics
 - o Multi-factor authentication in mantraps
 - o 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
 - o Centralized management of critical infrastructure equipment
 - o Ensures conformance with ASHRAE TC 9.9 standards for A1 environments
 - o Historical data available for trending
- Real-time air quality monitoring via OnGuard Smart

COMPLIANCE

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

UNPARALLELED SUPPORT

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