



## LightEdge Kansas City Facility

### LOCAL PEOPLE. LOCAL CLOUD. LOCAL DATA CENTERS.

LightEdge's Missouri Data Center is a state-of-the-art, Tier III grade underground facility located in SubTropolis Technology Center – just outside metro Kansas City. STC is owned & operated by Hunt Midwest, a privately held company owned by the Lamar Hunt family.

STC is 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, or high density 'pre-fabricated' container suites.

### PHYSICAL LOCATION

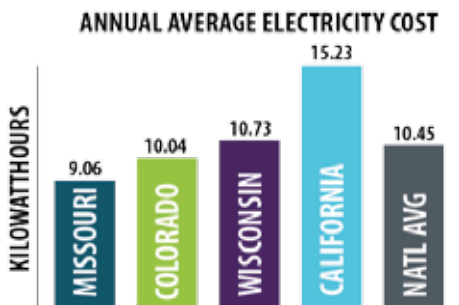
#### 1. ACCESSIBLE & AVAILABLE

- Easy 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

#### 2. RISK FREE ENVIRONMENT

- Constant, uninterrupted power
- Zero hurricane hazard
- Protected against tornadoes
- Not in airport landing path
- Outside 500 year flood plain

#### 3. LOW COST, BIG REWARD



### BUILDING & EXPANSION

#### 1. PROVEN DESIGN

- Solid limestone structure 6x stronger than concrete
- Concurrent maintainability
- Leading MEP infrastructure
- Terrain provides natural wind shadow for equipment yard
- VESDA

#### 2. FLEXIBILITY TO SCALE

- Phase 1 = 22,000 sq ft
- 6 acre equipment yard
- 400,000 sq ft contiguous expansion
- Excellent for pre-fab container DCs
- Scalable power & cooling that can be dedicated, semi-dedicated or shared

#### 3. SUBTROPOLIS TECH. CENTER

- Mission critical data center campus
- Inside "World's Largest Underground Business Complex"
- Dedicated LightEdge DC entry
- Exclusive multi-tenant DC
  - Phase 1 = 100,000 sq ft



## POWER

### 1. UNINTERRUPTED POWER

- 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 8.6kW per rack
- P.U.E. of less than 1.5
- KC has one of the world's most robust energy delivery networks



## CONNECTIVITY

### 1. KEEPING YOU CONNECTED

- Redundant carrier agnostic connectivity with 6 carriers supporting facility
- High bandwidth, high reliability, low latency
- Unite, AT&T, Time Warner present
- Connected to 1102 Grand
- 10Gb local private connectivity
- No single point of failure
- Redundant DWDM access to Carrier Hotels

## SECURITY

### 1. PHYSICAL

- 24x7x365 armed guards on-site
- Video monitoring & DVR retention
- Key card & biometric scanners, secure check-in desk, tailgate sensors

### 2. COMPLIANCE & OPERATIONS

- PCI-DSS v3.0 & HIPAA compliant
- SSAE 16 SOC 1, 2 & 3 Type II audited
- ISO 20000 and ISO 27001 certified
- 24x7x365 manned Operations Center
- Remote technical hands available



### 3. BUILDING MANAGEMENT SYSTEM

- Powered by Tridium Niagara AX
- Centralized management of critical infrastructure equipment
- Historical data available for trending
- Certified Tridium personnel on staff
- Automatic alerts generated & sent to LE support
- Customer private portal for real-time viewing
  - Power, cooling & humidity

**FAST FACT**  
**WE HAVE A FIBER**  
**BACKBONE**  
**CONNECTING ALL 3**  
**LIGHTEDGE DATA**  
**CENTERS IN**  
**IA, MO & NE.**

## COOLING

### 1. KEEPING IT COOL

- Redundant Liebert CRAH & UPS
- Hot aisle/cold aisle design
- Chilled water system for cooling DC
- 3 ft raised floors
- All HVAC units are dual power fed & utilize Variable Speed Fans
- Building Management System to ensure conformance with ASHRAE TC 9.9 standards for A1 environments

**FAST FACT**  
**LIGHTEDGE HAS A STRONG PARTNERSHIP**  
**WITH HUNT MIDWEST & THE FINANCIAL**  
**BACKING OF ANSCHUTZ INVESTMENTS.**

### NEXT STEPS?

Contact us today to learn more about LightEdge's first class data center facilities in Iowa, Missouri & Nebraska.



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