



Sequitor Edge

DATA CENTERS • SERVICES • DEVELOPMENT



**DATA
CENTERS**
Redefined

CUTTING-EDGE COMPUTING NEXT TO YOUR BUSINESS

Sequitor Edge is redefining data centers by bringing the power of AI, cloud, and local processing centers to where businesses need it, at their doorstep. Faster. Reliable. Secure. State-of-the-art. Superior performance service at your fingertips.



**EXPERT
SERVICES**
Customized

SCALABLE, SECURE, SMART IT SOLUTIONS

A digital-first world demands protection from cybersecurity threats, cutting edge infra-structure direction, customized scalability options, and access to the latest technology solutions. Sequitor Edge offers consistent, effective and trustworthy IT Consulting Services.



**AI
SOLUTIONS**
Integrated

SEQUITOR JANUSAI REAL-TIME INTELLIGENCE

Sequitor JanusAI is next-generation agentic AI software that thinks, acts, and adapts like your team of expert employees that deliver unmatched operational efficiency. Flexible LLM integration. Pre-built and custom cognitive agents. Tools that empower businesses with instant intelligent solutions.

TECHNICAL SPECIFICATIONS

Sequitor Edge data centers are designed to deliver highly reliable, scalable, and efficient data center capacity with an emphasis on operational resiliency and client security. Day-one capacity includes three independent 2.0 MW utility services configured in an N+1 electrical topology, with the third system serving as a reserve. Provisions are in place to accommodate a fourth 2.0 MW service as capacity expands, supporting an average of 10KW per cabinet IT load with AI ready infrastructure to support 100KW/cabinet (liquid cooling).

POWER INFRASTRUCTURE

UTILITY SERVICE:

12.5 kV incoming power, stepped down to 480 V, 3-phase
Configuration: N+1 electrical topology with third system as reserve
Capacity: 3 × 2.0 MW day-one services (expandable to 4 × 2.0 MW)
Distribution: 415/240 V for IT equipment

UPS:

N+1 dual conversion - lithium-ion systems with paralleling on reserve bus
Critical IT Load: 3.0 MW initial

GENERATOR SYSTEM

Installed: 3 × 2.0 MW diesel generators
Scalable: Space and additional generation upon demand
Fuel Storage: 48-hour rated sub-base tanks
Connections: Permanent load bank and temporary generator tie-ins

COOLING SYSTEM

Type: N+1 chilled water system with water-cooled economizer serving CRAH units
CRAHs: N+1 with humidifiers utilizing reverse osmosis treated water
Airflow: Underfloor air distribution via raised floor in data halls
Ventilation: Fully conditioned fresh air for data hall positive pressurization
Efficiency: Target PUE 1.43

MONITORING & CONTROLS

System: Building Automation System (BAS) for remote monitoring
Integration: Continuous visibility of mechanical and electrical systems
Capabilities: Alarm management, trend analysis, and performance tracking





FIRE PROTECTION

Detection: VESDA early warning smoke detection

Suppression: Double-interlock pre-action sprinkler system

Coverage: Data halls, electrical rooms, and support spaces

CONNECTIVITY

Meet-Me Rooms: Dual, diverse MMRs with separate power and pathways

Carriers: Multiple entry points supporting carrier-neutral design

Network: Redundant fiber routing for reliability and performance

SECURITY

Coverage: 24/7 camera surveillance with full site visibility

Access Control: Multi-factor authentication and checkpoint screening

Protection: Secure perimeter with monitored entry zones

CERTIFICATIONS

Design Intent: TIA-942-C Level 3 – Concurrently Maintainable Infrastructure

SCALABILITY & GROWTH

Expansion: Provisions for additional 2.0 MW services, mech. plant, and generators

Flexibility: Infrastructure designed for modular growth without disruption

Longevity: Future-ready platform supporting next-gen compute requirements

Sequitor Edge Pioneering Tech Solutions

1. **INNOVATIVE.** Comprehensive portfolio of products that position your company to compete at the leading edge of technology.
2. **ACCESSIBLE.** Infrastructure deployed at the edge of customers' "front doorsteps" outside of major metropolitan markets.
3. **SYNERGETIC.** The Sequitor Edge team works hand in hand with your company to design custom solutions to your unique needs.
4. **INTELLIGENT.** From predictive analytics and automation to generative AI and agentic systems, we help organizations harness artificial intelligence to optimize operations, enhance decision-making, and accelerate innovation
5. **SEAMLESS.** Sequitor Edge delivers smooth integration, scalability, and security that assures confident, reliable operational environments.

SOLUTIONS

For Your Business In Data, IT Services & AI



FAST. SAFE. SECURE. YOUR BUSINESS EDGE.

The digital world is evolving faster than ever, driven by groundbreaking innovations like artificial intelligence, edge computing, blockchain, and smart technology. As these advancements reshape the way we live and work, they rely on one crucial foundation: Edge Data Centers that put security, safety, and speed at the doorstep of the local business community.

At **Sequitur Edge**, we are building the backbone of this new digital frontier, designed to meet the most demanding challenges of tomorrow, today.

With cutting-edge technology and innovative engineering, we provide a robust, reliable infrastructure for storing and processing data. Faster. More secure. And – figuratively – at your doorstep.

Traditional data centers are no longer enough to support explosive growth in modern digital applications. **Sequitur Edge** bridges the critical gaps with its revolutionary approach.



Sequitur Great Plains Sequitur Heartland Sequitur Great Lakes

Sequitur Edge Regions In Development

CONTACT US TO GET STARTED

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