



DATA CENTERS · SERVICES · DEVELOPMENT

## 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.



## SCALABLE, SECURE, SMART IT SOLUTIONS

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



## SEQUITOR JANUS<u>AI</u> 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

Capacity:  $3 \times 2.0$  MW day-one services (expandable to  $4 \times 2.0$ 

MW)

Distribution: 415/240 V for IT equipment

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**

- 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 & Al



#### 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 Sequitor 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. **Sequitor Edge** bridges the critical gaps with its revolutionary approach.





Sequitor Edge Regions In Development

#### CONTACT US TO GET STARTED

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