Aligned™
Adaptive Data Centers

Salt Lake City, UT Data Center Campus SLC-02

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Overview

Thanks to Utah's new sales tax legislation, Salt Lake City is now one of the best TCO markets in the nation. Classified as a cold desert, Utah's low humidity levels make it ideal for ambient cooling. The state also enjoys some of the cheapest electricity and natural gas rates in the nation; renewable energy sources, such as solar and wind, are rapidly growing. Known as Silicon Slopes, the area is a growing technology center. Utah also touts some of the lowest occurrences of natural and man-made disasters in the U.S. It has the fastest internet speeds in the Intermountain West and among the fastest in the nation. Added alternative energy incentives make Salt Lake City a desirable colocation market, and Aligned's hyperscale data center campus the location of choice.

55	240,000	48
BUILDING ACRES	**SQUARE FEET**	**MEGAWATTS**

Building Specifications

- Building II built in 2020
- Expandable to 80 MW
- White space: 200,000 sq. ft.
- Building: 240,000 sq. ft.
- Private, dedicated data center suites
- Campus is 55 acres

- Two interconnected multi-tenant buildings
- ASCE 7 occupancy category IV data hall FM-120 and office FM-90 roof lift ratings
- Wind importance factor of 1.15
- Bays with delivery platform and equipment trap

- Dedicated office space for rent
- Shared conference rooms and drop-in office pods
- 24x7x365 accessibility
- Concrete slab-on-grade and structured steel
- Industry-leading PUE

Building Specifications

NETWORK

- Two diverse points of entry, per build
- Carrier-neutral
  - On-net Carriers
    - Cogent
    - Comcast
    - FirstDigital Telecom
    - Lumen
    - PacketFabric
    - Zayo
  - Near-net Carriers
    - Comcast
- Four diverse meet-me rooms

POWER

- Diverse and dedicated substations
- N+1 power generation
- Redundant A+B distribution
- Revenue-grade metering
- Up to 50 kW per rack

SECURITY

- Impasse steel security fencing with laser intrusion detection
- Five-layer security design; motorized gates
- Card reader access
- 24x7x365 on-site security guards
- Multiple checkpoints: mantraps, dual authentication (biometrics)

CORPORATE SUSTAINABILITY

- Uses up to 85% less water
- Uses up to 80% less power
- 100% renewable energy available
- Industry-leading PUE, WUE and CUE

FIRE PROTECTION

- Separately zoned data halls
- Very Early Smoke Detection Apparatus (VESDA)
- Dual interlock pre-action system

COOLING

- Our hot aisle containment strategy absorbs heat at its source—supporting standard and high power densities and allowing you to scale vertically and horizontally—without stranding capacity
- Configurable to client needs (i.e., N, N+1, 2N)

COMPLIANCE

- System and Organization Control (SOC) 2 Type 2 and SOC 1 Type 2, PCI DSS, HIPAA, HITECH, NIST 800-53, ISO 27001:2013, and Uptime Institute M&O certified

CONTACT ALIGNED TO LEARN MORE

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ABOUT ALIGNED

Aligned is an infrastructure technology company that offers adaptable colocation and build-to-scale solutions to cloud, enterprise, and managed service providers. Our intelligent infrastructure allows densification and vertical growth within the same footprint, enabling customers to scale up without disruption, all while maintaining industry-leading Power Usage Effectiveness (PUE). By reducing the energy, water and space needed to operate, our data center solutions, combined with our patented cooling technology, offer businesses a competitive advantage by improving sustainability, reliability and their bottom line.

For more information, visit www.aligneddc.com and connect with us on Twitter, LinkedIn and Facebook.