

# Plano, TX Data Center

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## Overview

The Dallas market has emerged as a focus of significant investment by leading players, both in the business community as well as the data center industry. In fact, Dallas is the third-largest U.S. data center market, due in large part to its sales tax exemption incentives and low power costs. As the only state in the U.S. with a self-contained power grid, costs per kW are significantly less than national averages.

# 19



**BUILDING ACRES**

# 375,000



**SQUARE FEET**

# 60



**MEGAWATTS**

## Building Specifications

- Renovated in 2015
- Campus is 19 acres
- 375,000 sq. ft. at full build
- 280,000 sq. ft. data hall at full build
- Private, dedicated data center suites
- Concrete slab-on-grade and structured steel
- ASCE 7 occupancy category IV. Data hall FM-120 and office FM-90 roof lift ratings
- Wind importance factor of 1.15
- Single bay with delivery platform and equipment trap
- Dedicated office space for rent
- Shared conference rooms and drop-in office pods
- 24x7x365 accessibility
- Industry-leading 1.15 PUE
- Uptime Institute Tier III certified



## Building Specifications

### TELECOM

- Two diverse points of entry
- Carrier-neutral
  - CenturyLink, Spectrum, Frontier, Verizon, UPN
- Two diverse Meet-me rooms

### POWER

- Diverse and dedicated substations, expandable to 60 MW
- Concurrently maintainable UPS
- N+1 power generation
- Redundant A+B distribution
- Revenue-grade metering
- Up to 50 kW per rack

### SECURITY

- 8' 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 and RFID badge readers)
- Event-driven IP video surveillance and visual light-based alerts

### 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

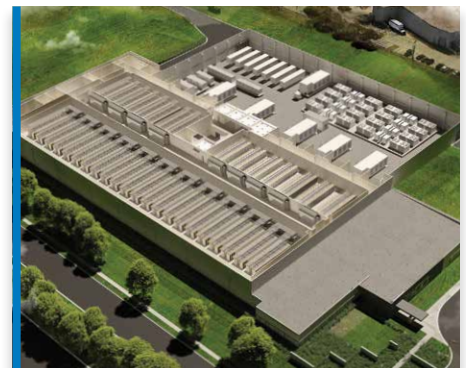
- Separately zoned data halls
- Very Early Smoke Detection Apparatus (VESDA)
- Dual interlock pre-action

### 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, and ISO 27001:2013



### ABOUT ALIGNED ENERGY

Aligned Energy is an infrastructure technology company that offers colocation and build-to-scale solutions to cloud, enterprise, and managed service providers. Our intelligent infrastructure allows us to deliver data centers like a utility - accessible and consumable as needed. 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 reliability and their bottom-line.

