



Plano, TX Data Center

2800 Summit Ave,
Plano, TX 75074

800.232.2817



Over the past few years, the Dallas market has emerged as a focus of significant investment by leading players in the data center industry. In fact, Dallas is the 3rd largest U.S. data center market due in large part to its sales tax exemption incentives, along with 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.

Data Center Highlights

19

Building Acres

300,000

Sq. Ft.

60

Megawatts

Building Specifications

- › Renovated in 2015
- › Campus is 19 Acres
- › ~300,000 sq. ft. Building SF at full build
- › 174,400 sq. ft. Data Hall SF at full build
- › Private, dedicated, data center suites
- › Concrete slab-on-grade and structured steel
- › ASCE7 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
- › Space available for rent
- › Accessibility - 24x7x365
- › Industry-leading 1.15 PUE
- › Uptime Institute Tier III certified



Telecom

- › Two diverse points of entry
- › Carrier Neutral
 - › Level (3), Spectrum, Frontier, Verizon, UPN
- › Two diverse Meet-me-rooms

Power

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

Security & Compliance

- › 8' Impasse steel security fencing with laser intrusion detection
- › Five layer security design; Motorized gates
- › Card reader access
- › 24x7x365 on-site security guards
- › Multiple check-points: mantraps, dual authentication (biometrics and RFID badge readers)
- › Event driven IP video surveillance and visual light-based alerts

- › Compliance
 - › Service Organization Controls (SOC) 2 - Type 1, PCI DSS, HIPAA and HITECH, NIST 800-53 for Colocation Services

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
- › VESDA (Very Early Smoke Detection Apparatus)
- › 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)

About Aligned Energy

Aligned Energy is an infrastructure technology company that offers colocation and build-to-scale data center solutions to cloud, enterprise, and 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 technology innovations offer businesses a competitive advantage by improving reliability and their bottom-line, while helping secure the health of the planet.