Houston West I

CyrusOne Data Center
5150 Westway Park Blvd
Houston, TX 77041

CyrusOne’s Houston I data center is located 20 minutes west of downtown Houston just off Beltway 8 between I-10 and 290. It is strategically positioned with access to significant and redundant utility power feeds and access to the fastest and most reliable telecommunications networks, as it is located along a major fiber corridor in Houston.

Overview

- 162,000 sq. ft. data center / 112,000 colo square feet (CSF)
- SSAE 18 (SOC I type II), PCI DSS (sec 9 & 12), HIPAA, ISO 27001, FISMA
- High Performance Computing (HPC) capable, supports 250 watts per square foot with the ability to support over 1,000 wpsf
- Efficient, divisible floor plates
- Extra layer of physical security including hurricane shutters, extra diesel on-site, outside of flood zone
- Carrier-neutral, as well as dark-fiber connectivity option
- Part of CyrusOne National IX
- 100% uptime service level agreement on power
- 24/7 year round staffed NOCC and remote hands support
- Dedicated cages and private suite options available
- Oil and gas, as well as healthcare and medical colocation options
**Power**
- 28MW of critical capacity
- Multiple levels of redundancy available within same footprint (e.g., N, 2N)
- Dual input PDUs with static transfer switches
- Scalable 2.25 MW Detroit Diesel dedicated generators pre-wired for additional capacity
- 3,300 belly tank each plus an added 6,000 gallon external tank for every two generators

**Cooling**
- 36-inch raised floor design
- Utilizing Stultz 70-ton CRAH units with electronically communicated (EC) variable-speed fans
- Highly efficient multiple EPAK 500 ton chillers with fast restart and adaptive controlled microprocessors
- Ability to scale as density increases

**Security**
- Reinforced physical structure including concrete bollards, steel-lined walls for security, and bullet resistant glass
- Video surveillance and recording of the exterior and interior
- On-site security guards 24 hours a day, 365 days a year
- Man traps, revolving entrance doors; biometric and key card (color coded) security for rigid access control
- Cabinet and cage security options include individual locks and biometric scanners

**Fire Detection and Suppression**
- Very Early Smoke Detection Apparatus (VESDA) system; sampling air in parts per million coupled with a zonal dual-action interlocking dry-pipe pre-action system

**Certification/ Audit Compliance Accreditations**
Through disciplined assessment and audit processes, CyrusOne has implemented comprehensive practices for:
- ISO/IEC 27001
- HIPAA/HITECH
- SSAE 18 (SOC 1 Type II), Type 2 AT 101/SOC 2
- Business Continuity and Disaster Recovery (BCDR)

**Location/Amenities**
- Centrally located to dozens of hotels, restaurants and other amenities.

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**Site Plan**