

# Houston West Bldg #1

## 162,000 sq. ft.

### GENERAL

- 162,000 sq. ft. data center / 112,000 sq. ft. of raised white floor
- SSAE 16 (SOC I type II), PCI DSS (sec 9 & 12), HIPAA, ISO 27001, FISMA, TIA 942 Class 4
- High Performance Computing (HPC) capable, supports 250 wpsf 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 and part of CyrusOne Texas IX (Internet Exchange)
- 100% uptime service level agreement on power
- 24x7 staffed NOCC and remote hands support
- Dedicated cages and private suite options available

### 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 500 ton chillers with fast restart and adaptive controlled microprocessors
- Ability to scale as density increases
- Redundant water feeds with on-site storage tank and city well

### 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 PROTECTION

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

### AMENITIES

- Central location to dozens of hotels, restaurants and other amenities

