

Presidential Data Center Specifications

Environmental Space



- 21,000 square foot facility housing Tier III data center
- 6,500 square feet of 18” raised data center floor built out
- Individual locking cabinets, customer cages and suites available
- Masonry and steel structure

Physical Security



- 24x7xForever onsite staffed technicians/security personnel
- Motion-activated digital security cameras inside and outside of building, video surveillance 24x7 (CCTV)
- Card readers/security badge control, two-factor biometric controlled access, and mantrap entry to raised data center floor area

Fire Detection and Suppression



- Pre-action fire suppression system coupled with a VESDA (Very Early Smoke Detection Apparatus) system
- Ion and Photo Cell smoke detectors
- Halitron Dry Chemical hand-held fire extinguisher

Power Infrastructure



- 1,750 KW Backup Caterpillar diesel generator with a 6,000-gallon tank of diesel fuel and automatic monitoring system; rollup generator capacity onsite
- 800 KW multiple-module Liebert Uninterruptible Power Supply (UPS) can be maintained without disrupting service
- Automatic Transfer Switch (ATS)
- Lightning-protected facility

Environmental Design



- Anti-static 18” raised floor in the data center
- Multiple air handling units
- Humidifiers
- Leak detection systems in place to sense potential moisture from cooling system
- Bonded grounding system

Telecommunications Network



- AllWaysOn™ Bandwidth (redundant and diversely routed through multiple ISPs)
- Direct fiber access to American Fiber Systems, Integra (ELI), Verizon (UUNET), Qwest, and XO
- Two fiber paths to the building, entering through dual building penetrations
- Multi-gigabit network capacity

Network Operations Center



- State-of-the-art operations center manned 24x7xForever
- Monitors a full spectrum of network and system parameters
- Helping Hands capabilities onsite, including problem notification and resolution