



Security & Access

- 24/7 security management via the Security Operations Center (SOC)
- Remote camera monitoring 24/7, backed by digital recordings on file for 30 days
- Access to equipment area 24/7 days via card key and pass code only
- Locking cabinets and/or cages
- Full CCTV surveillance
- Monitoring system supported by 24x7 operations center

Power Infrastructure

- 200 watts per square foot including HVAC
- 120/208V AC and -48V DC available
- 100% generator backup
- Generator capacity designed to multiple 1 to 2 Mg WATT Generators
- Size of fuel tank 1,000 to 10,000 gallons
- Generator both auto start and auto transfer. Isolation bypass feature on automatic transfer switch
- Minimum 24-hour run time fuel capacity Two-hour response for fuel delivery
- UPS backup power
- Voltage output 480 transformed to 120/208 V
- -48 Volt DC Battery Plant
- 1200 amp expandable to 10,000 amp
- 2-hour battery reserve non-redundant, 4 hours redundant
- "True" A/B power feeds
- Grounding in accordance with NFPA 70

Environmental Controls

- Under-floor cooling provided by computer-room grade equipment
- Cooling not less than 300 BTU/h per square foot with an N+1 redundancy
- Temperature is maintained at 72 degrees F dry bulb at ASHRAE 1%
- In the event of a power interruption HVAC systems (and entire facility) operate on diesel generators
- 30% to 60% humidity non-condensing. Humidity control delivered through ATS/Liebert units via infra-red humidifier

Interconnection Options

- Managed Meet Me Room (MMR) in sites to facilitate interconnection
- Broad choice of leading fiber and circuit carriers in each facility
- Pre-run conduit assures rapid connection to new carriers. Large number of access providers in buildings assures the lowest possible telecommunication link charges
- Access providers are encouraged to locate muxes within site to facilitate interconnectivity
- Overhead cable trays are provided for connectivity
- 24x7 diagnostic remote switch fabric and port monitoring

Fire Detection & Suppression

- Dry-pipe pre-action sprinkler rated for telecommunication equipment/computer room
- Integrated smoke/heat detector system
- Under-floor leak detection system