

SITE DESIGN STANDARDS

Equinix's commitment to quality is evident in the uncompromising standards we build into the infrastructure of our facilities.

CUSTOMER AREAS

- Equinix control room houses manager's office and security personnel/equipment
- Open space for cabinets
- Private cages available
- Top-quality, electrostatic dissipative raised floor tiles designed for 175 psf, and in some facilities
- 300 lbs. psf, floor load
- Meet all code specifications for safety and electrical grounding, per NFPA 70
- DC power and communication cabling tray pathways
- Optical fiber guide conveyance system
- Heavy load freight elevators or loading dock access to the space
- Comprehensive and flexible cabling infrastructure

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
- Escort services 24/7 at sites with non-secured equipment areas
- Locking cabinets and/or cages
- Full CCTV surveillance
- BMS equipment monitoring system supported by Equinix's 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 MgWatt generators
- Size of fuel tank 1,000 to 2,000 gallons
- Generator both auto start and auto transfer. Isolation bypass feature on automatic transfer switch.
- 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

HELPING YOU STAY AHEAD

Equinix delivers comprehensive colocation, interconnection and peering solutions in a neutral marketplace built for your business. Additionally, our bundled solutions combine rack space, power, and other products at one price for easy ordering. We give clients access to more markets than any other service provider, and more networks for bandwidth abundance and network redundancy.

Let us bring you the products and services, stability, security, and know-how you require to be successful in today's challenging business environment.

CONTACT US

Talk to an Equinix representative to find out how your business can benefit from our experienced people and industry-leading resources. Contact us today at 888.892.0607 (USA or Canada) or 1.650.513.7600 (outside USA or Canada), or visit www.Equinix.com.



SITE DESIGN STANDARDS

Features such as robust UPS power and generator backup, a climate controlled environment, fire protection, 24x7 secure access and remote monitoring are the solid foundation of this commitment.

ENVIRONMENTAL CONTROLS

- Under-floor cooling provided by computer-room grade equipment
- Cooling not less than 200 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

- Equinix managed Meet Me Room (MMR) in most 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 Equinix site to facilitate interconnectivity
- Overhead cable trays are provided for connectivity
- Layer 2 switching architecture for public interconnection and peering at select locations
- 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

