

SAT2 Data Center – San Antonio, TX

FACILITIES DESCRIPTION

Facility

- Data Center floor space is approximately 10,000 square feet, 7000 square feet of raised floor, 3000 square feet support
- Site is manned 24x7x365 with Rackspace Operations personnel
- Preventive maintenance contracts on all facility infrastructures

Security

- Card reader access required to enter facility
- Biometric scanner access required to enter data center floor
- Proximity readers track all movement between areas
- Security cameras recorded by digital video recorder
- Bullet-proofing behind all windowed areas

Power

- 2 – 1 Megawatt transformers
- 6 - PDI PDUs

UPS

- 4 - 300 KVA/ 240 KW Powerware UPS Systems (2N configuration)
- UPS-fed panels are fully redundant
- UPS provides instantaneous conditioned power for facilities until generator supports the load; Transfer of power is automatic
- 30 minutes battery life at peak load

Generator

- 1- 1Megawatt CAT diesel generators
- 2,000 gallon tank
- Two fuel suppliers under contract to deliver fuel as needed
- 24-hour on site fuel capacity under full load

HVAC

- 240Tons of cooling capacity (N+ 2 configuration) for DC floor
- 60 Tons of cooling capacity (N+1 configuration) for Electrical Room
- Eight air handling units equipped with filtration

Fire Suppression

- Vesda smoke detection
- Pre-action dry pipe fire suppression system
- Portable dry-chemical fire extinguishers
- Fire doors and firewalls protecting separate facility areas
- Heavy-duty lightning rod grid

Facility Monitoring

- Open NMS network monitoring software
- Electrical and Mechanical Systems monitoring by Eaton FORSEER Systems

Customer Rack Systems

- Standard 7' x 24" racks with 19" mounting
- Customer cabinets set with 1+1 redundant power to PDU

Customer Access

Customers retain full administrative control of their leased servers. Rackspace retains control of dedicated networking hardware such as firewalls and load balancers. Console level access is typically provided via Terminal Services or SSH over VPN, depending upon platform.

Backup and Recovery

Fully managed backup to centralized storage is available; offsite tape rotation is optional.