Charlotte – North
Data Center

Our Charlotte - North data center complex features N+1 power and cooling redundancy plus superior support from on-site experts. With available inventory and power, Flexential is capable of handling even the largest deployments.

Security and compliance support are part of the package. Among our physical security features are: 4-zone security access, biometric scanners, and monitored security cameras and intercom systems. The site is compliant with several industry and regulatory standards. We are among a select few in the industry who can provide a certified, protected environment to support compliance with PCI DSS.

The best feature of our data center is the people who are on-site 24/7 to protect, monitor and support your infrastructure. Our local engineers and service staff are proven experts in managing and optimizing infrastructure, and we treat your environment as if it was our own. Our IT infrastructure solutions have one thing in common: a deeply ingrained "customer-first" culture. It means no matter what we're providing – from colocation to cloud – we put the customer at the top of our org chart and empower all employees to provide the highest standards of service.

Quick Facts

- 62,589-square-foot data center footprint
- 3.3 MW critical load UPS capacity; N+1 UPS redundancy
- N+1 cooling redundancy
- 100% SLA on power
- 4-zone security access

Additional Features

- Migration and capacity planning
- Meeting room and dedicated work areas for customer use
- Office lease space available
- Remote hands support available
- Business continuity and disaster recovery services, solutions and support available
- Public, private, hybrid and compliant cloud solutions, as well as cloud recovery and dedicated servers, available
- Professional services including migration, security and risk management, assessments and audits, as well as performance and network architecture support, available

Facility specifications

Power & Cooling

- N+1 UPS redundancy
- 3.3 MW critical load UPS capacity
- 150 W/SF power density
- N + 1 cooling redundancy
- Hot/cold aisle configuration
- 100% power SLA

24/7 Security

- Round-the-clock security and technical staff
- Dual-factor authentication access
- Biometric scanners
- 4-zone security access
- Monitored security cameras and intercom system
- Cage cameras available

Compliance

- PCI DSS compliant site
- Annual, independent audits for SOC 1 Tier Type II, SOC 2 Type II, SOC 3; NIST 800-53; ITAR: SSAE 18
- Regulatory and standards compliance assessment, analysis, consulting and planning services available

Connectivity

- 100Gbps redundant network backbone
- Physically redundant access and path to every Flexential building
- Logical MPLS overlay for flexible transport and automatic path failover
- Nationwide IP transit blend using 3 Tier I ISPs peered in 9 diverse metro areas
- Automated and portal-driven cross-connection
- IP bandwidth and transit services ranging from 10Mbps to 40Gbps with volumetric DDoS protection
- Flexible transport solutions including Data Center Interconnect (P2P pseudowire) and Interconnection Mesh (E-LAN)
- Platform-enabled virtual connections to leading public clouds with Cloud Fabric

Flexential Solutions Portfolio

Colocation

Connectivity

Cloud

Disaster Recovery

Managed Services

Professional Services