

The background of the entire page is a nighttime aerial photograph of the Virginia State Capitol building in Richmond. The building is a large, white, neoclassical structure with a prominent portico supported by columns. It is brightly lit from within, and its lights reflect on the surrounding area. To the right of the main building is a smaller, similar structure. In the background, a tall, modern skyscraper with many lit windows stands out against the dark night sky. Other city buildings and streetlights are visible in the distance, creating a vibrant urban scene. A large, semi-transparent blue and white geometric shape, resembling a stylized 'V' or a series of overlapping planes, is superimposed over the center of the image, partially obscuring the Capitol building and the city lights behind it.

Flexential Virginia tour guide



Richmond data center



The Richmond data center spans nearly 30,000 square feet and is built strong to keep your business up and running. The site features fully redundant UPS power equipment and energy-efficient cooling.

We offer premium connectivity, including an industry-leading 100-gigabit network backbone -- scalable to 400 Gbps, carrier hotel connectivity, Layer 2 access to 80 on-net carriers, proactive Layer 3 and Layer 4 distributed denial of service protection and a 100% network and bandwidth uptime commitment.

Security and compliance support are part of the package. Our physical security features include, among others: 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 that can provide a certified, protected environment to support compliance with PCI DSS.

Quick facts

- 28,594-square-foot data center footprint
- 2.80 MW critical load UPS capacity; N + 1 UPS redundancy
- N+1 cooling redundancy
- 100% SLA on power
- 100 Gbps network backbone, scalable to 400 Gbps
- 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
- 2.80 MW critical load UPS capacity
- 150 W/SF power density
- N + 1 cooling redundancy
- Hot/cold aisle configuration
- 100% power SLA
- 1.5 PUE rating

Compliance

- HITRUST CSF compliant site
- 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
- HITRUST and PCI certification services available
- Regulatory and standards compliance assessment, analysis, consulting and planning services available

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 security cameras available

Connectivity

- One unified fabric offering on-demand provisioning of connectivity services
- Connections to strategic carrier hotels
- 100Gbps network backbone
- Access to a rich ecosystem of carriers, service providers and cloud providers reachable from any data center
- IP transit service built on a blend of premium Tier I carriers and including basic DDoS scrubbing protection
- Point to point and mesh services available to connect Flexential data centers

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Flexential solutions portfolio



Colocation



Interconnection



Cloud



Data Protection



Professional Services