



EQUINIX

IBX Technical Specifications

CU2

Culpeper IBX® Data Center

Equinix Culpeper Data Centers

Equinix is the world's digital infrastructure company™. Digital leaders harness our trusted platform to bring together and interconnect the foundational infrastructure that powers their success. Our Culpeper, Virginia, International Business Exchange™ (IBX) data centers are strategically located 60 miles from Washington, D.C., and are ideal for government agencies looking for state-of-the-art security. These buildings are part of one of the most secure and technologically sophisticated data center facilities in the Eastern U.S.

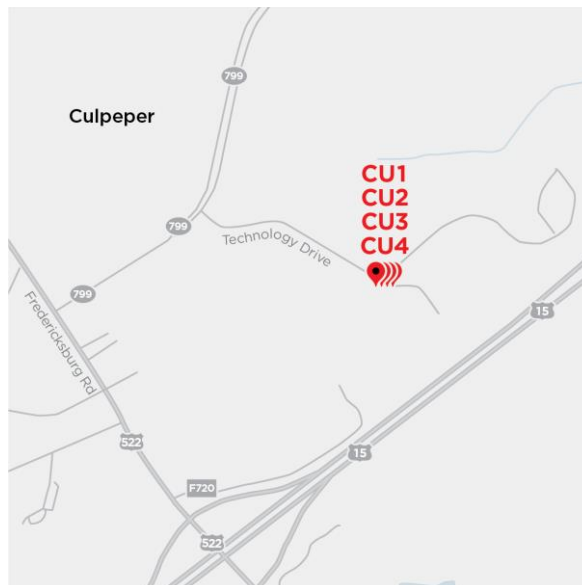
The Culpeper campus is a key location for federal IT initiatives and the federal cloud market, which is projected to grow at a compound annual growth rate of 10.9% from 2021 to 2023. The campus includes four data center buildings, making it a physically redundant facility built for reliability and designed to exceed the needs of government agencies and enterprises in a digital age.

Culpeper Data Centers Benefits

- A highly secure and reliable, carrier-neutral environment to deploy computing, network, storage and IT infrastructure
- A secure bunker in every IBX designed to provide public-sector clients colocation space that meets government standards
- Campus cross connectivity among our four colocation sites in Culpeper
- Multi-layered, armed guard security, including a roving perimeter and building security guards
- Easy access to Continuity of Operations (COOP) environments, a federal government initiative to keep agency IT operations running essential functions under a broad range of circumstances

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Building

Space	
Colocation Space	62,398 ft ² (5,797 m ²)
Building Type	1-story, steel-framed building with precast concrete panel
Parking	Adjacent to campus (no charge). Unauthorized vehicles are not allowed within 150 ft. of any building on campus
Fire Protection	
Fire Suppression	Non-aspirated (duct/ceiling-mount)/double-interlocked pre-action (dry pipe)

Facilities

Power and Cooling	
Power and Cooling Density	4.0 kVA per cabinet
Power Distribution	120V/208V
UPS Configuration	Distributed redundant
UPS Redundancy	N+1
Standby Power Configuration	6 x 2,250 kW diesel generators 2 x 1,500 kW Diesel Generators
Standby Power Redundancy	N+1
Cooling Configuration	Air-cooled chillers, CRAHs
Cooling Redundancy	N+1
Security	
Physical	Anti-ram fencing and 10-ft. earthen berms surround the entire campus. The campus has 150-ft. building setbacks. Each data center on the campus is a secure bunker constructed to provide a microwave and RF shielding.
Human	24/7 on-site armed security officers
Electronic	Proximity access card, biometric access control, multilevel access control, intrusion detection, CCTV surveillance with 90-day video retention.

Amenities

- Crash Carts
- Loaner Tools
- Wi-Fi

Admin building (CU6)

- Break Room
- Conference Room(s)
- Showers
- Work Kiosks

Products and Services

Colocation

- Private Cage
- Secure Cabinet
- AC Power Circuits
- DC Power Circuits
- Antenna

Interconnection

- Equinix Fabric®
- Equinix Internet Access
- Equinix Internet Exchange®
- Metro Connect®
- Cross Connects
- Campus Cross Connect

Digital Infrastructure

- Equinix Precision Time®

Services

- [Smart Hands®](#)
- Equinix Smart Build
- Equinix Smart View

Find the latest product availability on [Equinix Marketplace](#)

Reliability

Our IBX data centers boast an industry-leading, high average uptime track record of >99.9999% globally.

Certification and Sustainability

Certifications

- HECVAT
- HIPAA
- ISO 22301
- ISO 27001
- NIST 800-53/FISMA High
- PCI DSS
- SOC 1 Type II
- SOC 2 Type II

Sustainability

- Renewable Energy Coverage: 100% from RECs from U.S. wind VPPAs and Green-e wind RECs

About Equinix

Equinix (Nasdaq: EQIX) is the world's digital infrastructure company.® Digital leaders harness Equinix's trusted platform to bring together and interconnect foundational infrastructure at software speed. Equinix enables organizations to access all the right places, partners and possibilities to scale with agility, speed the launch of digital services, deliver world-class experiences and multiply their value, while supporting their sustainability goals.