



IBX VAULT



IBX[®] VAULT A PLATFORM EQUINIX FACILITY

IBX Vault supports industry-specific compliant solutions for federal agencies, healthcare companies and commercial industries, including FISMA, DIACAP and HIPAA.

IT organizations are under increasing pressure to deploy solutions that ensure physical security, data protection, identity management, application security, privacy and reliability. To address these requirements, a variety of new regulatory frameworks have been enacted, largely with the goal of increasing security for federal agencies and across a variety of commercial industries.

IBX Vault Overview

Whether you are a federal agency mandated to comply with an array of federal IT compliance standards, a healthcare company tasked with securely managing patient Protected Health Information (PHI), or a financial services firm or financial transaction processing company focused on securing client financial data, your ability to navigate through and comply with industry-specific compliance standards is critical to maintaining the security and integrity of your deployed IT solutions.

Through our partnership, Equinix and Carpathia have built the IBX Vault, a Platform Equinix facility to assist government agencies and private industry in meeting these requirements. The Equinix IBX Vault, located in Dulles, Virginia, is a highly-secure, compliant, Tier III facility focused on supporting a broad array of compliance standards. From FISMA and DIACAP for federal agencies, to HIPAA for healthcare companies, PCI for the credit and payment card industry, or SOX-compliance for enterprises, the IBX Vault is the premier facility in the industry for supporting compliant solutions. With a comprehensive defense-in-depth approach which includes perimeter fencing, armed guards, IT and network security, and multi-level biometric scanners, the IBX Vault offers the highest level of security in the industry. This comprehensive security strategy combined with multiple levels of facility and network redundancy ensures that customer data is always secure and highly-available.

Further, as a Platform Equinix facility, the IBX Vault is directly tethered via a secure private fiber connection into the Equinix data center campus in Ashburn Virginia, providing IBX Vault customers with the option to directly and inexpensively cross-connect into a variety of rich ecosystems which include the highest density of 975+ network and 1,050+ cloud and IT service providers available in the industry today.

Through our partnership, Equinix and Carpathia can support the following compliance standards within the IBX Vault facility:

- Federal Information Security Management Act (FISMA)
- DoD Information Assurance Certification and Accreditation Process (DIACAP)
- Sarbanes-Oxley Act (SOX)
- Payment Card Industry (PCI) Data Security Standard (PCI DSS)
- In addition, the IBX Vault will hold the Statement on Standards for Attestation Engagements
- #16 (SSAE16) certification

EQUINIX & CARPATHIA DELIVER

Trust the infrastructure platform that thousands of customers and nearly 200 joint customers leverage today to meet their availability, performance and compliance objectives.

An unparalleled combination of data centers and services:

- 100 IBX Locations
- 32 Globally Strategic Markets
- Over 10 million sq. ft. of premium data center space
- 975+ Networks
- Over 2,028 Gbps of sustained network traffic globally
- 15 countries, in 5 continents
- More than 35 PB of storage
- 7-year track record of jointly satisfying customers' complex, compliant, managed hosting needs



COMPLIANCE SOLUTIONS IBX® VAULT (DC99) DATA CENTER



LOCATION

Dulles, VA

From Airports – 6 miles to Dulles International Airport (IAD); 31 miles to Reagan National Airport (DCA); 60 miles to Baltimore-Washington International Airport (BWI)

Location Orientation – 29 miles to the White House

Parking – Adjacent building parking available (no charge)

PROFILE

Phone – 1-888-892-0607 (USA or Canada)

or 1-650-598-6000 (outside USA or Canada)

Email – support@equinix.com

Square Footage Breakdown

Gross	64,000 ft² (5,946 m²)
Colocation Area	30,821 ft² (2,863 m²)
Satellite Platform	1,000 ft² (93 m²)

Telco Information

NPA/NXX	703-840
CLLI code	ASBNVAAS
LEC	VERIZON
LATA	246

SECURITY

Physical – “Man trap” entry; perimeter fencing

Human – 24x7 armed security guards

Electronic – CCTV and recorders, Motion Detection, Hand Geometry Readers, Fiber Vault

POWER

Electrical Capacity – 4 kVA per cabinet

UPS Configuration – N+1 Block

Redundant System

Utility Feeders – 1

Power Transformers – 1

Utility Voltage – 34.5 kV, 3-phase

Standby Power – 4–3,000 kW diesel engine-generator power

Standby Power Config. – N+1, Block Redundant

COOLING

Cooling Capacity – 4 kW per cabinet (13,652 BTUH)

Cooling Plant – Split-system, direct expansion, air-cooled, RTUs with adiabatic humidification

BUILDING

Construction Type – IIC, Unprotected

Building Type – Two story, tilt-up concrete slab on grade

Floor Load Capacity – 175 PSF

BUILDING CODE COMPLIANCE

Building – 1997 Virginia State Building Code (VSBC); 1996 BOCA National Building Code

Mechanical – 1996 International Mechanical Code

Plumbing – 1995 International Plumbing Code with 1996 Supplement

Electrical – 1999 National Electric Code

Life Safety – 1999 NFPA 13: Installation of Sprinkler Systems; 1999 NFPA 72: National Fire Alarm Code

Other – ADA Guidelines

LATERAL LOAD DESIGN

Seismic EPV(Av) – Av = 0.05

Seismic EPA(Aa) – Aa = 0.05

Seismic Hazard Exposure – Site Class C

Seismic Importance Factor Ie – N/A

Seismic Zone – 1

Wind Exposure – 90 mph basic wind speed

Wind Importance Factor – Iw = 1.15

FIRE PROTECTION

Fire Suppression – Double-interlocked, pre-action (dry pipe)

Fire Rating – Minimum 1 hour rating

INTERCONNECTION OPTIONS

System – Overhead proprietary cable tray system with multi-tier ladder rack

Cross Connects Available – Single-Mode fiber, Multi-Mode fiber (62.5 and 50 micron), CAT5, CAT6, CAT5 (T1), and CAT3 (POTS)

Intra-Building Innerduct (IBID) Available – a dedicated private path via a conduit between buildings or customers

- Each private path innerduct is 1.25” in width.
- Customer runs their own Singlemode fiber within the innerduct which can potentially fit 432 standard cross connects.

Equinix Exchange™ Available – Central switch for public and private peering

Equinix Direct™ Available – Automated network provisioning, multi-homing and billing

About Equinix

Equinix, Inc. (Nasdaq: EQIX), connects more than 4,500 companies directly to their customers and partners inside the world’s most networked data centers. Today, enterprise, cloud, networking, digital media and financial services companies leverage the Equinix interconnection platform in 32 strategic markets across the Americas, EMEA and Asia-Pacific. By connecting directly to their strategic partners and end users, customers are forming dynamic ecosystems inside Equinix. These interconnected ecosystems enable companies to optimize the performance of their content and applications and protect their vital digital assets. Learn more at www.equinix.com

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About Carpathia Hosting

Carpathia Hosting is a leading provider of managed hosting services, providing secure, reliable and compliant IT infrastructure and management for some of the world’s most demanding enterprises and federal agencies. Founded in 2003, Carpathia is a growing, profitable business run by a seasoned management team with deep experience in delivering enterprise hosting solutions including colocation, managed services and cloud computing. Carpathia’s suite of services is designed for organizations seeking scalable, secure, robust and enterprise-grade hosting solutions that can be quickly provisioned or tailored to meet unique requirements. Backed by its E3 Promise, Carpathia consistently delivers an experience that exceeds customers’ expectations. Carpathia was named to the Inc. Magazine 500|5000 list in 2011 as one of America’s fastest-growing companies. Contact Carpathia at 1.888.200.9494, or visit www.carpathia.com for more information.

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