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Data Sheet  
Secure Cabinets

# Equinix Secure Cabinets for Interconnection

The cabinet solution purpose-built for global business interconnection on Platform Equinix®

## Overview

An Equinix Secure Cabinet housed within an Equinix International Business Exchange™ (IBX®) data center is your entry point to our global interconnected business ecosystem and on-ramp to Platform Equinix®. Equinix IBX facilities are built to house, protect and connect the most critical information-driven operations of businesses worldwide, with >99.999% availability. Our Secure Cabinets solve for space, power and interconnection. Whether you need only a single cabinet to start or multiple cabinets for expansion, Equinix Secure Cabinets help you maintain full control of your deployment anywhere your business takes you.

## Built for security

The Equinix Secure Cabinet product includes all the necessary physical structure for housing your equipment within an Equinix IBX data center. Locking cabinet doors keep your equipment secure, and best-in-class standard configurations provide the means to power and interconnect your deployment to the broader Equinix ecosystem of partners and providers. Our Secure Cabinets are backed by robust power and environmental service level agreements, enabling you to focus on your business outcomes and leave the operations to Equinix.

## kVA-based Power

Planning for power consumption is key to ensuring longevity and uptime for your deployment. Secure Cabinet power utilization rates are based on allocated power draw, also known as draw cap, a threshold measured in kilovolt-amperes (kVA). Working together with an Equinix representative, you will determine this threshold by evaluating your current and planned business needs for the Equinix Secure Cabinet deployment. Other factors that may affect draw cap include cabinet ratings, circuit availability and density of deployment. Choosing the right draw cap for your business needs helps protect your deployment and prevent overuse of power and cooling in the shared environment. By leveraging draw cap, you can concentrate on your business requirements instead of on the technical details of colocated space and power.

## Product features

Equinix Secure Cabinets (with kVA-based draw cap) include the physical cabinet together with the following standard features:

### Cabinet construction

Locking front and rear doors on a robust cabinet made by leading cabinet manufacturers.

### Sizing and integrated equipment

Industry-standard cabinet sizing, interconnection-ready private single-mode fiber patch panel and equipment-mounting capabilities.

### Power configuration

Power circuitry sufficient to support draw cap and planned utilization requirements.



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## Redundancy and uptime

Redundant power circuits are integral to each Equinix Secure Cabinet deployment. Equinix configures power circuits to ensure maximum uptime and power for your infrastructure. To maintain a safe, consistent operating environment for your equipment, power circuit selection is based on power requirements for your equipment, draw-cap requirements for your deployment and cabinet rating. Experienced Equinix engineers support each deployment, partnering with you to meet your data center needs now and in the future.

## Interconnection

Each Equinix Secure Cabinet is provisioned for direct interconnection and serves as the entry point for secure connections to the Platform Equinix ecosystem of partners and providers.

Integrated with the cabinet is a secure, private network demarcation point. This consists of a single-mode fiber patch panel, to which interconnections will be made. The demarcation point is dedicated to your cabinet to ensure that your equipment remains physically separate from other tenants and that you have total control over which connections are provisioned to your deployment.

Interconnections with other customers via Equinix Cross Connects or access to other interconnection services such as Equinix Fabric™, Equinix Connect and Equinix Internet Exchange\* are provisioned directly to each Secure Cabinet through the integrated demarcation point.

These private interconnections provide you fast, reliable access to the widest range of partners and services offered across Platform Equinix.

## Technical specifications

The Equinix Secure Cabinet standard specification is recommended and available worldwide.

Cabinets comprise a closed reinforced cabinet frame with levelers. Each cabinet includes a top panel with cable entry cutouts with brush strips or cover plate; internal square-hole mounting rails with RU labeling; all necessary hardware such as screws and nuts for mounting; an external baying kit; and a single internal shelf. Cabinets include 80% perforated doors, with options for right or left door hinges.



### Secure Cabinet Express

Our recommended business-ready cabinet offering, includes the most frequently deployed cabinet specifications meeting most modern IT needs.

### Secure Cabinet

Work with Equinix to custom-build a Secure Cabinet that meets your specialized technical requirements. Additional features may include:

#### Hardware parts

Patch panels, cables, shelves and cabinet-based power distribution units (PDUs).

#### Cable management

Accessory parts for both vertical and horizontal cable routing that can be preinstalled by Equinix to assist with efficient intracabinet patching.

#### Optional services

Troubleshooting, remote management, 24/7 support and equipment installation.



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### Select the solution that fits your needs the best

Our Secure Cabinet product is designed to meet your requirements today and into the future. Work with Equinix to determine the best fit for your needs.

**Ready to get started?**

[Equinix.com/Sales](https://equinix.com/Sales)

	Secure Cabinet Express	Secure Cabinet
Summary		
	Our recommended, and most common, cabinet configuration fits the majority of modern IT deployment requirements	Build-to-suit customizable configurations to meet your specific technical requirements
Space		
Cabinet	Generous 1200 mm minimum depth accommodates most equipment needs. Equinix-owned cabinetry	Configure any Equinix or approved customer-provided cabinet
Installation	Ready for service; built to standard specification, globally; move-in ready units where available	Standard installation, built to order
Power		
Contracted draw cap	Selectable up to pre-deployed local business maximum of 5 kVA or greater, depending on site	Dependent on deployed circuit configuration. Selectable up to circuit-usable kVA
Capacity approval	Pre-approved up to local business maximum	Standard capacity review process
Circuitry	Single standard per IBX location. Fixed redundant pair sized to accommodate business maximums per site	Manually configured. Multiple, individual circuits allowed. Policy limit 2x draw cap
Power Distribution Unit (PDU)	Equinix recommended PDU included, optional accessory	Not included
Interconnection		
Demarcation panel	Standard single-mode fiber connections; pre-wired panel where available	Configurable: copper, fiber (single, multi-mode)

Refer to [docs.equinix.com](https://docs.equinix.com) for detailed dimensional specifications. Other cabinet options may be available in your region.



### Power your digital leadership at Equinix

On Platform Equinix®, digital leaders bring together all the right places, partners and possibilities to create the foundational infrastructure they need to succeed. On a single global platform, place infrastructure wherever you need it. Connect to everything you need to succeed. Seize opportunity with agility, speed and confidence.

[Equinix.com](https://equinix.com)

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