



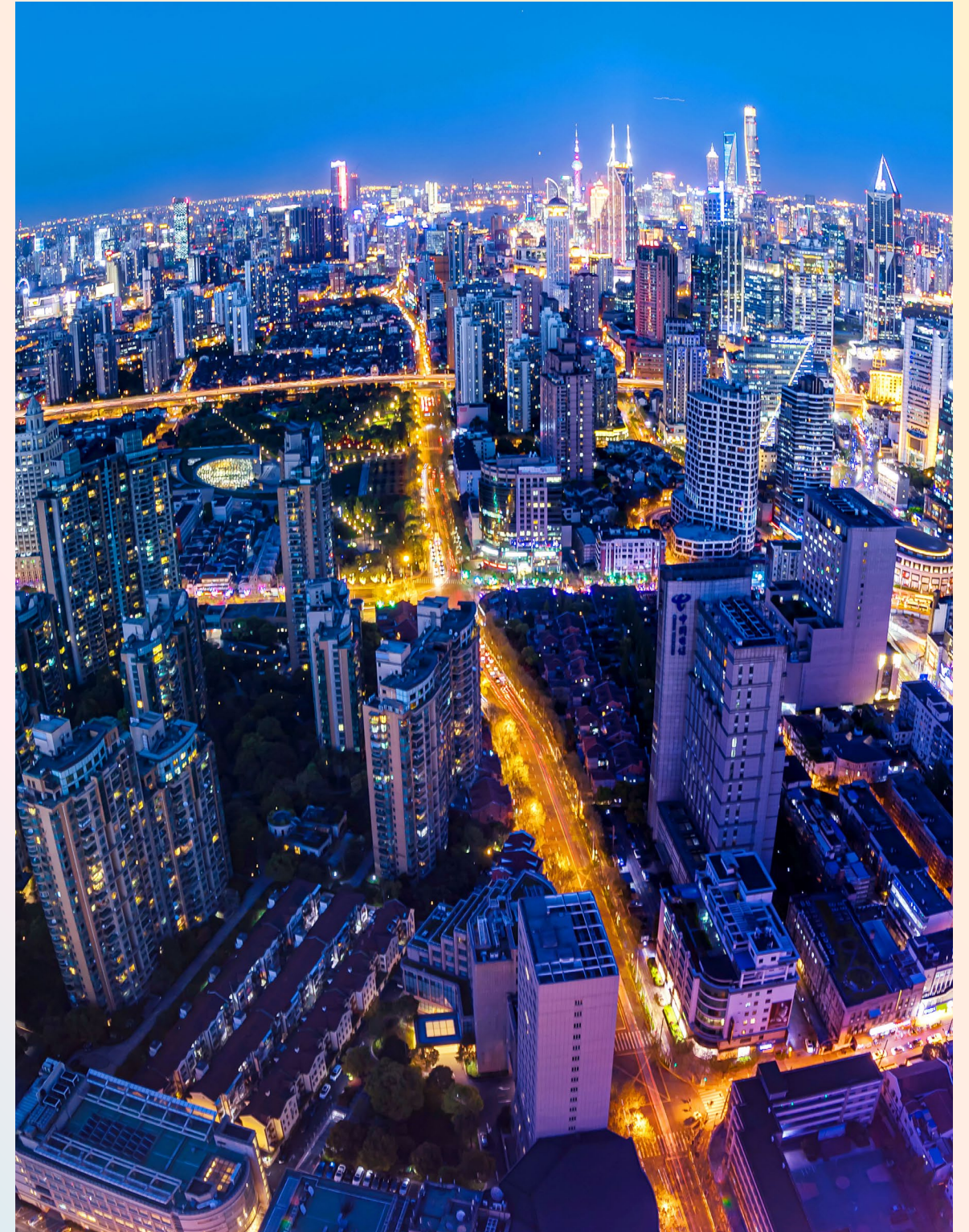
Fabric®

Software-defined interconnection for public and private clouds

Scale hybrid deployments, achieve network agility and directly connect to partners and providers easily and securely.

Data Sheet

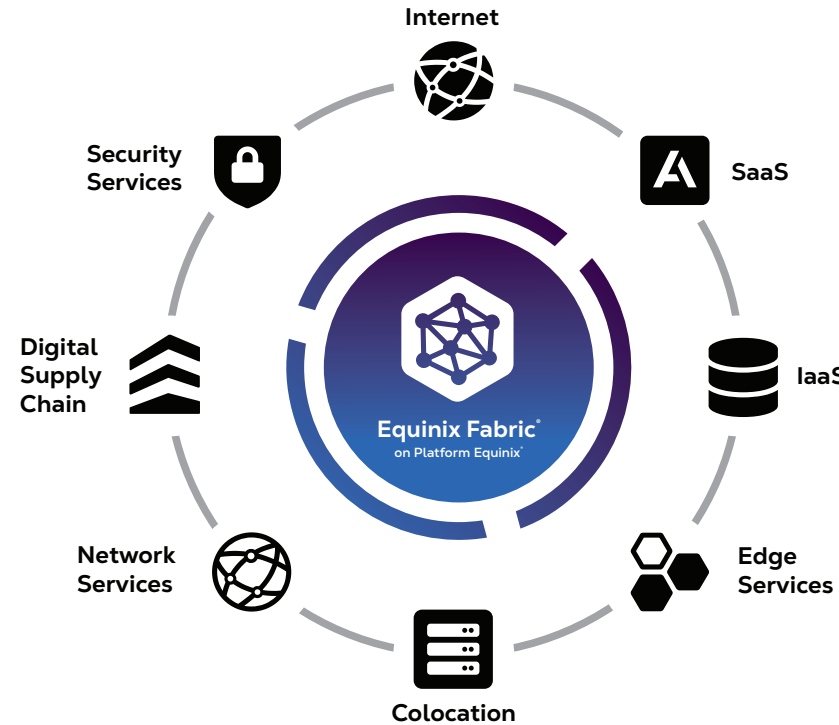
[Equinix.com](https://equinix.com)



How digital business connects

Bring your distributed infrastructure together and interconnect seamlessly with thousands of customers, partners and top-tier networking, storage, compute and application service providers worldwide, using Equinix Fabric.

With a single approach, dynamically and securely connect between physical and virtual infrastructure; virtual network devices such as routers, firewalls and SD-WAN gateways available on Network Edge; network, cloud and collaboration service providers; and any partner, provider or customer at Equinix. Simplify how you connect between distributed hybrid deployments using a software-defined network available across 60+ metros globally.



Equinix Fabric is MEF 3.0 certified

- Distinguished as the first carrier-neutral, software-defined interconnection provider to offer a MEF-certified 10 Gb EPL service
- Supports Layer 2 protocols requiring high transparency, such as end-to-end MACsec encryption, Link Aggregation Control and Spanning Tree

Benefits

Reach

Discover thousands of customers, partners and services to connect to across 60+ global platform metros.

Speed

Create direct connections and enable multicloud routing in minutes with automated provisioning.

Ease

Simplify with a repeatable way to connect to and between clouds, networks and your own infrastructure.

Performance

Reduce latency and improve application performance via a purpose-built Layer 2 network.

Security

Bypass the public internet, reduce attack surface and minimize security threats.



Optimize your infrastructure

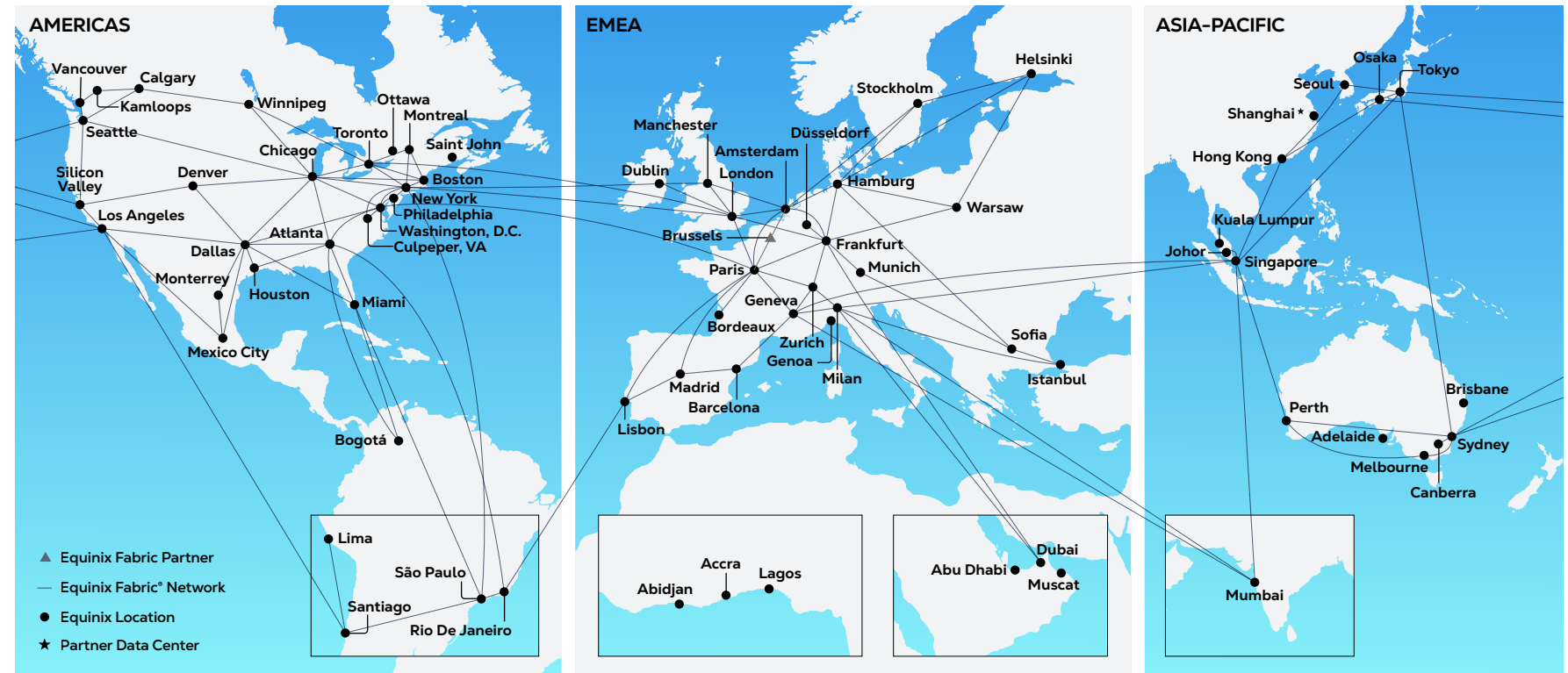
Hybrid multicloud connectivity

Simplify hybrid cloud networking with flexible, scalable connections to and between cloud providers in multiple locations across our software-defined network. Enable cost-effective, performant multicloud routing with Equinix Fabric Cloud Router.

Data center interconnection

Improve how you manage data and applications, including backup and short-term traffic spikes, with private, reliable connections between data centers over our global software-defined network. Run systems monitoring and security protocols like MACsec over EP-LAN or WAN MACsec over EVP-LAN.

Enterprises with three or more locations can leverage our multipoint-to-multipoint interconnection solutions including EVP-LAN and EP-LAN to separate their data traffic.



Edge and branch connectivity

Extend the reach of your digital infrastructure to edge and branch locations with secure, flexible connections to your network and SD-WAN service providers.

Digital value chain connectivity

Build an optimized network for digital services with scalable, low-latency connections to your value chain service providers and partners, both in the public cloud and in the data center.

Technical specifications

Equinix Fabric port

- 1 Gbps, 10 Gbps and 100 Gbps available; includes cross connect cable from customer cage to Equinix Fabric port

Connection speed

- Dynamic connection speeds, bandwidth tiers from 10 Mbps to 50 Gbps

Connection options

- Interconnect to any provider, partner or customer within a metro or globally on Platform Equinix®
- Equinix Precision Time® NTP and PTP Time as a Service for distributed enterprise applications
- Point-to-point port-based (EPL) and VLAN-based (EVPL) connections
- Multipoint-to-multipoint port-based (EP-LAN) and VLAN-based (EVP-LAN) connections
- Layer 2 and Layer 3 enabled by Equinix Fabric Cloud Router

Fabric Cloud Router

- Spin up a virtual router in less than a minute and begin creating Layer 3 connections—no physical hardware or licensing

Availability SLA

- 99.999% (dual ports)
- 99.9% (single port)

Ready to get started?

For more technical information, visit the Equinix Fabric Documentation Center.

[Learn more](#)

Drive your future forward on Platform Equinix®

Platform Equinix is a global digital infrastructure platform. It is the only platform that allows digital leaders to reach the most strategic global markets with the largest ecosystem of digital partners, with infrastructure that assembles and deploys virtually in minutes.

