

PRODUCTS & SERVICES

EQUINIX INTERNET EXCHANGE

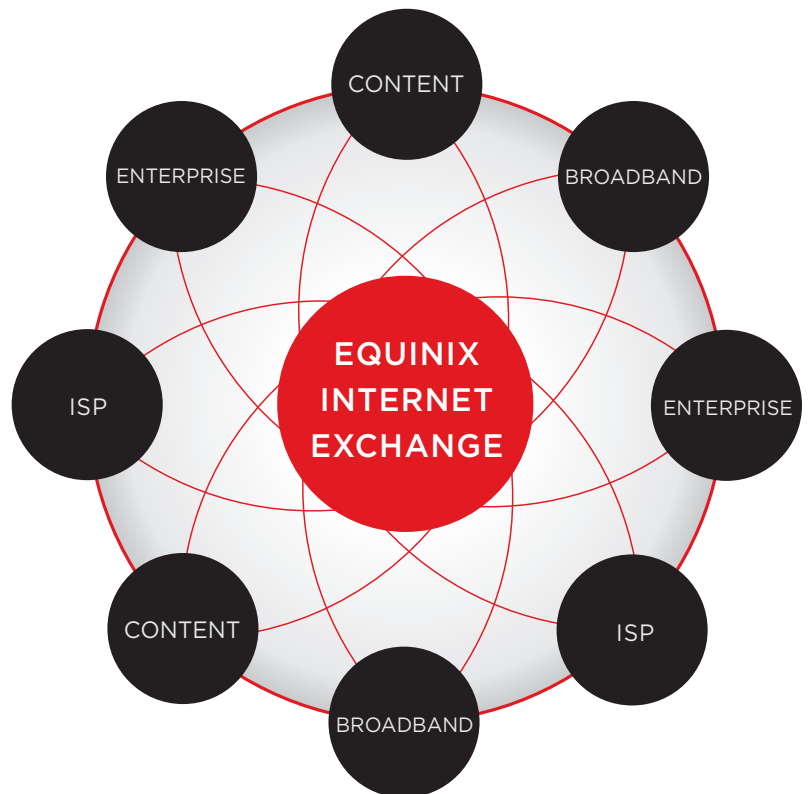
The most peers, the most markets, the most traffic.

Our global platform for digital business, Platform Equinix®, enables you to reach everywhere, interconnect everyone and integrate everything you need to create your digital future. Discover and reach anyone on demand, through one connection to the world.

Equinix operates the world's largest internet exchange footprint, with the most peers, in the most markets, passing the most traffic. Delivered on a globally available internet exchange architecture across more than 25 markets on Platform Equinix®, Equinix Internet Exchange aggregates thousands of peering sessions, lowers costs and enhances network control, performance, speed and reliability. Whether you're optimizing your network to rapidly access and distribute data, shifting your IT to the edge to maximize performance or scaling your peering relationships, Equinix connects you to the people, places and opportunities that matter for your digital future.

Use cases

- **Network Optimization**—More options to route traffic in times of network congestion, incidents or outages using peering, transit or internet
- **Content Distribution**—Quickly and efficiently connect to network providers to distribute content and digital media to end users with improved performance and lower latency
- **Application Optimization**—Improve app performance and reduce latency by deploying peering arrangements, resulting in a better end-user experience
- **Distributed Data**—Leverage peering relationships in multiple locations to connect and exchange traffic from resources deployed at the edge
- **Big Data & Internet of Things**—Design your network for big data and IoT by establishing peering arrangements at the edge for faster compute, analysis and performance



Why Equinix?

Reach Everywhere—Deploy digital infrastructure anywhere you need to be

Interconnect Everyone—Discover and reach anyone on demand, through one connection to the world

Integrate Everything—Activate your digital edge through leading technology tools, partners and services

Benefits

- **Global availability**—Consistent peering platform available in 25+ markets
- **Rich ecosystem**—Discover, connect and establish peering arrangements with 1,700+ networks, 2,900+ cloud & IT service providers and thousands of enterprises
- **Optionality**—Aggregate traffic to multiple peers on one physical port; handle multiple small peers while moving high-traffic peers to private interconnections
- **Performance**—Reduce network hops and congestion for end users of your content and applications
- **Control**—Create and manage your connections on demand through a globally consistent portal
- **Reduced costs**—Aggregate thousands of peering sessions onto a single hardware platform—the largest IX with the most peers, most markets and most traffic—further reducing the need for IP transit
- **Visibility**—View detailed reports and monitor network performance across peering locations through the IX portal

Technical Specifications*

- 24/7 Network Operations Center support
- Dual-stack IPv4 and IPv6 support
- Industry-standard IEEE 802.1Q trunking encapsulation
- Support for remote-triggered blackholing (RTBH) to mitigate DDoS attacks
- Redundant Multi-Lateral Peering Exchange (MLPE) to route servers at each IX point, enabling efficient open peering
- Public VLAN—offering access to all peering participants
- Private VLAN services with Unicast Peering VLAN enabled for private broadcast domain over public-switched infrastructure can be used for direct, bi-lateral peering or to create a community of interest

Port speed and media type supported

- 100G Single mode (LR-4)
- 10G Single mode (LR)
- 1G Single mode (SX/LX)

Availability SLA

- 99.99% single port

*Additional technical information available in the Equinix Internet Exchange portal, including: jitter, latency and packet loss statistics, network topology diagrams and configuration information.

Equinix Internet Exchange Locations

