NTT DATA

Global IP Network | Service brochure

Global IP Transit

Our network

Our Global IP Network is consistently ranked among the top networks worldwide. We own and operate one of the world's largest Tier 1 global IP backbones, fully upgraded and built with diversity to ensure availability of services. Our network is renowned for both the quality and the teams that help design, operate, and support it.

Features

Best-in-class Network Operations Center (NOC)

For the Global IP Network, the global Network Operations Center (NOC) is at the very heart of its mission-critical operations. As a part of the business available at all times, 365 days a year and it supports customers and the infrastructure of the Tier 1 global IP backbone identified as AS2914. It can be seen as the glue that links the various network teams together. Our NOC is not a service desk, it is a fully equipped network operations center that runs the network.

Robust, reliable, network design

100% availability, with no outages – that's the goal of our network design. This helps keep the network up, running and reliable in the event of any fiber cuts. We offer a Global IP Network Service Level Agreement for IP Transit that covers Availability, Latency, Packet Loss, and Average and Maximum Jitter.

Industry-leading Border Getaway Protocols (BGP) communities

We offer unbeatable BGP community support and strive to be transparent about the routing policies and BGP communities we provide. Here are a few examples of what you can alter on the network by using our communities.

- Local preference
- AS prepending to selected peers
- AS prepending to all clients
- Blackhole and selective blackhole
- AS prepending to all peers

Exclusive global customer portal access

Clients enjoy exclusive access to our global customer portal. It's a user-friendly, secure web portal that allows you to access valuable information such as usage graphing, technical specifications, network performance, billing* and trouble tickets.

Our offerings

Port
Gigabit Ethernet
Ten Gigabit Ethernet
One Hundred Gigabit Ethernet

*Billing available for NTT America and NTT Canada customers only.

Global IP Network

Northern Virginia area includes Ashburn and Reston.
Bay Area/Silicon Valley includes San Francisco, San Jose, Palo Alto and Santa Clara

Why choose the Global IP Network?

Fast provisioning

We are fully aware that rapid provisioning is critical for businesses seeking to gain an edge – which is why we offer it far faster than our competitors. On top of that, we'll make sure you have a flexible path for upgrades should you need them down the road.

Pioneering software-defined networking (SDN) technology

We are ahead of the game on SDN, and with unparalleled experience. Why? Because we have used our own internally built SDN technology to manage our Global IP Network for two decades. SDN has given us many benefits – more automation, efficiency, scale, speed, simplified network expansion, upgrades and maintenance.

Global single ASN (2914)

Just a single autonomous system number globally. That's what we offer – and that means the Americas, Europe, Asia and Oceania all operate as a single network. Most importantly, our customers will experience stellar performance wherever they are in the world.

Extensive Tier 1 peering

Peering relationships are a key component of our global strategy. In our position as a global Tier 1 ISP, we exchange traffic with all other Tier 1 providers settlement-free – and are always on the move to deploy capacity around the world to match the pace of growing demand.

For more information and updates on the Global IP Network:

in **Global IP Network AS2914**

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Speak to our experts

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