

NEC Nets SI Corporation

Colt Network Solutions for Partners

Company name

NEC Networks & System Integration Corporation

Website

www.nesic.co.jp

Industry

System integration

Business scope

Planning, consultation, design and implementation of ICT systems with a focus on networks. 24/7 provision of customer support at more than 400 sites in Japan (maintenance, operations, monitoring and outsourcing)

Summary

NEC Nets SI Corporation adopts Colt network solutions into its backbone network

Customer needs

Highly reliable network access

- Good value for money
- Carrier diversity
- Flexible support

The context and content of this document are about KVH Co., Ltd. prior to joining Colt Group S.A.

NEC Nets SI Corporation selects Colt (formerly KVH) Colt Ethernet Line / Hub & Spoke 1Gbps and Colt Wave 1Gbps for backbone network

“With KVH, we can offer premium quality (low latency) with outstanding value for money, as well as network diversity to our end users. By incorporating 1Gbps network in the core of the end-user backbone network, we can reduce workloads and achieve necessary operational stability.”

Tatsuya Hayashida
System Manager, Cloud Implementation
New Solution Promotion Division

About NEC Nets SI Corporation

NEC Nets SI's network systems exist to connect people, businesses and society seamlessly, combining self-constructed infrastructure coupled with strong customer support. NEC Nets SI's total system solutions provide communications systems and high-speed networks, along with measures to ensure safety and security, and run energy-saving, eco-friendly facilities. All of this contributes to creating an optimized environment to support customers' business growth.

NEC Nets SI Corporation's business challenge

NEC needed to furnish a system that would enable end users to both reduce costs and provide more optimized performance. They also wanted to avoid sacrificing quality or stability, and at the same time avoid any drastic changes to their current connectivity environment. Finally, end users needed the ability to connect in conformity with the same WAN environment used by the larger group entities.

Why Colt

Colt was selected on the basis of ① low pricing, ② a wealth of experience in providing low- latency networks, and ③ backbone network stability coupled with redundancy protection. Colt also provides a single point of contact for operations, further reducing customer burden.

Future plans

NEC Nets SI plans to replace sections in its metropolitan connectivity area with Colt circuits to reduce cost further, improve latency and maintain stability.

NEC ネットズ エスアイ



Colt Ethernet Line / Hub & Spoke

Colt Ethernet Line (point-to-point) / Hub & Spoke (point-to-multipoint) are low-latency, reliable, and bandwidth guaranteed Ethernet lines. With traffic between data centres increasing year over year, these circuits offer uncompromising performance while reducing cost of access and use. Choose between guaranteed bandwidth ($CIR*1=PIR*2$), or partial guaranteed bandwidth with burstability ($CIR < PIR$).

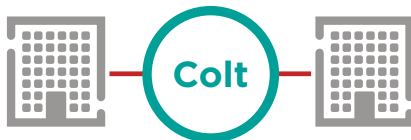
*1 CIR: Committed Information Rate

*2 PIR: Peak Information Rate

Connectivity overview

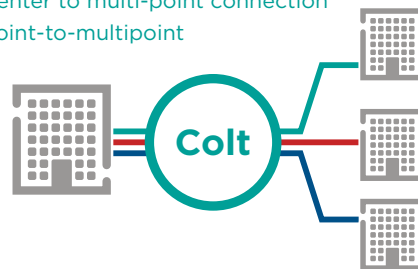
Colt Ethernet Line

Connection between 2 points
Point-to-point



Colt Ethernet Hub & Spoke

Center to multi-point connection
Point-to-multipoint



• Ultra low latency

- Industry-best ultra low latency networks facilitated by fully leveraging Colt expertise in HFT and other financial markets
- Network optimized to the microsecond through streamlined fibre routes, network topology, low latency network equipment, and efficient traffic engineering

• Seamless scalability & flexibility

- Enables flexible bandwidth changes and burstability without requiring equipment upgrades as high capacity access links (1/10 Gbps) are already provided
- Service delivered in as little as 10 days as circuit terminal equipment is already installed

• Premium quality

- Fully redundant core and optional redundancy in access circuits facilitate end-to-end guaranteed bandwidth and fast switching (<50ms) in case of disruption
- Premium quality ensured through SLAs on availability, bandwidth, fault handling, and delivery, as well as various monitoring capabilities

■ Website www.colt.net/asia
■ Twitter [@Colt_Technology](https://twitter.com/Colt_Technology)
■ YouTube [Colt Technology Services - Asia](#)

For more information,
please contact us at:
www.colt.net/asia/contact

