Juniper Networks and NEC Corporation

Our global partnership brings sustainable business growth to service providers' end-to-end networks.

Juniper Networks and NEC are two of the world's leading providers of networking and telecommunications solutions.

Through our long-standing collaboration, we accelerate the development and adoption of open, standards-based networking solutions.

We help service providers solve complex problems, from building the most scalable open networks, to service orchestration across end-to-end multivendor networks — all with a focus on 5G access, IP transport, TelCo, and edge cloud.

Global expertise for service provider networking

Robust engineering capabilities supporting hundreds of customers around the world.

Our combined portfolio offers customers a wide range of products and solutions, from routers and switches, to network management software and cloud-based services.

We support the full lifecycle — design, build, operate, and optimize — with the latest automation capabilities engineered by NEC's Global Center of Excellence (CoE).
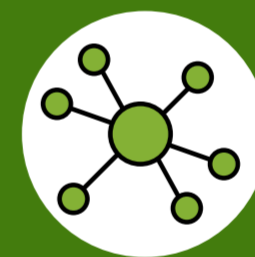
Best experience for service provider lifecycle

The best possible experience for operators and users in global networking.

NEC and Juniper enable service providers to introduce innovative 5G services and seize new business opportunities.

Working with our team of experts and with access to NEC CoE labs, service providers can design and simulate multivendor networks to accelerate implementation. This includes IP transport and data center networks for demanding requirements and open networks for 5G monetization.

Open networks for greater flexibility

We increase ROI and reduce TCO with open network flexibility.

Service providers need an alternative migration path to transform their legacy networks into modernized, 5G networks, and enable the agile creation of new revenue-generating services.

NEC and Juniper are committed to open networking standards and technologies, giving customers more choice to build the most open, flexible and advanced networks.

Why choose Juniper Networks and NEC?

- Juniper's Experience-First Networking vision provides innovative networking solutions that are powered by AI. Our products and services are designed to help customers build and operate networks that are simple, secure, and intelligent.

- NEC's Open Networks mission is to create a more open and inclusive future for networking with multivendor, multilayer engineering services — an essential need for 5G and emerging technologies.

  - Juniper and NEC are committed to open networking standards and technologies, allowing customers to build more flexible and scalable networks.

  - Juniper and NEC are committed to sustainability and are working to develop products and solutions that reduce environmental impact.

  - Juniper and NEC feature the industry's best automation capabilities, increasing operational efficiency so IT can deliver an exceptional user experience.

How organizations benefit from our strategic partnership

Enhanced customer experience	Expanded market reach	Accelerated innovation	Sustainable growth
• NEC xHaul solution incorporates Juniper Cloud Metro, IP Transport Networks, and Data Center solutions for the distributed edge cloud. • NEC full lifecycle network management and automation solutions.	• Juniper and NEC operate in over 100 countries, providing customers with local support and service worldwide. • Service provider solutions are validated in NEC CoE labs with global engineering capabilities.	• Juniper and NEC engineers design best-of-breed solutions that easily integrate with third-party solutions, accelerating the pace of innovation. • Adoption of open technologies, evolving to AI-driven networking.	• Customers benefit from Juniper and NEC's pre-tested, integrated solutions for scaling networks. • Support to achieve sustainable goals with efficient solutions and operations.

CASE STUDY

Tele Columbus transforms cloud metro for better consumer experience

Tele Columbus, one of Germany's leading fiber network operators, provides high-speed internet, phone, and TV channels to more than 3 million homes under its brand PŸUR. As the company expands its fiber-to-the-home and broadband internet services, it is investing in a next-generation network to enable sustainable business growth.

Tele Columbus wanted to move to an open and converged interconnect network architecture, to increase agility, optimize the quality of the user experience, and significantly improve ROI and the total cost of ownership. The company engaged with the NEC 5G Transport Network Center of Excellence in EMEA and chose the Juniper Cloud Metro solution. This enables services to be more cost-effective with management and delivery coming from a single infrastructure.

"The Cloud Metro solution, the partnership of Juniper and NEC, and attentive local support matched our needs and has shown us the value of simplicity, innovation, and open, multivendor principles.

This has enabled a migration path that honors Tele Columbus' vision, sustainability imperatives, and commercial considerations front and center."

Michael Fränkle,
Chief Technology Officer,
Tele Columbus

Millicom unlocks the power of digital transformation across Latin America with an agile telco cloud

Millicom is accelerating the digital transformation of Latin America by providing 55 million consumers with mobile services and cable TV, and 300,000 businesses with connectivity and cloud services, through its TIGO brand.
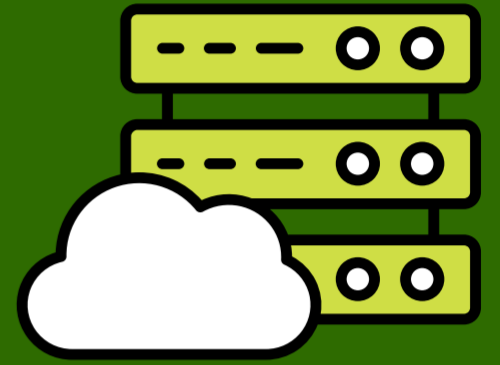
As the company set out to build a telco cloud infrastructure to support the rapid expansion of 4G services and provide a foundation for 5G, it quickly recognized that success hinged on having a flexible network in its Tier 3 data centers. To build cloud-scale capabilities for 5G, they needed to transform the IP fabric underlay network.

Juniper and NEC worked closely together, bringing innovative solutions and expert network integration capabilities to help Millicom standardize, simplify, and automate data center operations across multiple countries, and flexibly adjust according to local requirements.

"We aligned our cloud transformation with the data center network transformation with Juniper and NEC as our trusted advisors.

Working with Juniper and NEC, we created a data center architecture that is future-proof."

Rita Fuziol, Director of Data Center, Cloud, and Infrastructure, Millicom

Juniper Networks and NEC Corporation help service providers solve complex challenges, deliver value, and stay competitive.

Together, we can help accelerate your network transformation.

JUNIPER NETWORKS® | Driven by Experience™

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