

# Ericsson delivers end-to-end 5G transport solution to Swisscom

- End-to-end transport network provides a complete solution connecting Swisscom's 4G and 5G Radio Access Network (RAN) to a virtual core network built on the cloud
- New architecture based on Ericsson Router 6000 and Juniper Networks' core routers gives Swisscom full control over its networks, including management and orchestration
- Reduced latency, improved network performance and enhanced scalability to ensure successful 5G commercial launch, planned in Switzerland for 2019

Swisscom has selected Ericsson (NASDAQ: ERIC) to deliver a new end-to-end 5G IP transport network to meet the mobile operator's demands for scalability, availability, performance, and lower latency. The end-to-end 5G transport network increases capacity, adds automation and provides advanced features for its radio and core networks that will enable extreme low latency and new 5G industry use cases.

Using Ericsson's Router 6000 and Juniper Networks' 5G core routing portfolio\*, Ericsson takes end-to-end responsibility for Swisscom's 4G and 5G networks – from radio base stations to the data center. This includes hosting core applications such as IMS and Packet Core and managing network slices end to end with [Ericsson Dynamic Orchestration](#).

Heinz Herren, CIO and CTO at Swisscom, says: "We have selected Ericsson's transport solution for our 5G network. Partnering with Juniper Networks, Ericsson has extended its transport coverage and can now take end-to-end transport responsibility all the way from the Radio Access Network (RAN) to the next generation core. Seamlessly managed and orchestrated, this reduces our complexity and affords a more efficient, high-performing network."

Arun Bansal, Senior Vice President and Head of Ericsson in Europe & Latin America, says: "Ericsson has stepped up and taken responsibility for transport. This deal is an important proof point for the end-to-end 5G transport solutions that we recently launched. The ease of use of our one-stop shop reduces not only complexity for Swisscom but also their total cost of ownership."

The [Router 6000](#) series is a complete portfolio that responds directly to operators' challenges of exponentially growing data traffic volumes and a significantly increased number of connected devices. It not only addresses operators' needs for scalability, but also for security and higher operational efficiency.

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On September 5, 2018, Ericsson announced that it was strengthening its [end-to-end mobile transport solutions](#) by building on its radio expertise and adding best-in-class IP edge and core transport platforms and security solutions from Juniper Networks. Swisscom represents the first announced customer win as part of this newly deepened partnership.

Swisscom has previously [announced](#) that it will be ready to launch its 5G network by the end of 2018.

NOTES TO EDITORS

\* The turnkey project includes Ericsson [Routers](#) 6672, 6675, 6274, Juniper Networks [MX1008 5G Universal Routing Platform](#), as well as [Ericsson Network Manager](#) (ENM) and [Ericsson Orchestrator](#) (EO)

[End-to-end network capabilities simplify the journey to 5G for Swisscom \(reference case\)](#)

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(+46 10 719 00 00)

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