
ERICSSON AND SWISSCOM DEMONSTRATE NETWORK SLICING FOR CRITICAL COMMUNICATIONS

- Ericsson and Swisscom collaborate on end-to-end network slicing for critical communications over public networks, and explore new use cases for 4G and 5G
- At the Mobile World Congress 2018, the two companies will conduct a network slicing demonstration, showing how the functionality is implemented in Ericsson's 4G and 5G solutions
- Ericsson's network slicing functionality can be used to secure the reliability and performance of applications for industries such as manufacturing and transportation

Swisscom and Ericsson (NASDAQ:ERIC) are closely collaborating on end-to-end network slicing for critical communications in a joint project to deploy and explore new use cases for 4G and 5G. The project is based on Ericsson radio access and core networks, and one of the first steps is to test how the functionality can support critical communications over public networks, for example, in the public transport sector.

At Mobile World Congress 2018, the two companies will demonstrate how end-to-end network slicing can be implemented on Ericsson's 4G and 5G network solutions. The demonstration will use commercially available features in the Ericsson radio access network, such as RAN slicing and Quality of Service control, combined with Ericsson's core network functionality and Operations Support Systems offering, securing the reliability and performance of applications for critical communications.

Heinz Herren, Chief Technology Officer and Chief Information Officer, Swisscom, says: "With Ericsson's network slicing functionality and complementing features, we can leverage existing infrastructure and assets. In addition to offering mobile broadband services, we will be able to configure dedicated network slices for various industries, meeting the needs of manufacturing, railway, and public safety companies."

To introduce applications for specific industries, Swisscom is planning to evolve its network and infrastructure to support requirements that are different and more stringent compared to traditional mobile broadband needs.

Joakim Sorelius, Head of Product Area Network Systems, Ericsson, says: "Network slicing is crucial to guarantee the performance of critical communications, and it is a key enabler to maximize the full business potential of 5G. Together with Swisscom we are creating

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innovative solutions that optimize existing networks and lay the groundwork for advanced 4G- and 5G-enabled applications.”

5G technology addresses the increasing need for speed, capacity, and low latency. It brings new levels of performance and functionality to cellular networks and enables critical applications, including emerging Internet of Things use cases. One example is remote monitoring and control of machines or vehicles, which requires extremely low latency, high reliability, and top prioritization in the network.

Investments in digital industrialization are expected to generate an estimated USD 619 billion revenue opportunity for telecom operators by 2026, according to the 5G Business Potential report published by Ericsson. The report also notes that service providers will profit from an additional 36 percent revenue potential by 2026 from 5G-enabled market opportunities.

Ericsson’s end-to-end [network slicing](#) is readily available on 4G networks for operators to start exploring new opportunities with various industries while gearing up for commercial 5G services.

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Ericsson enables communications service providers to capture the full value of connectivity. The company portfolio across Networks, Digital Services, Managed Services, and Emerging Business is geared to make our customers more efficient, go digital, and find new revenue streams. Ericsson’s investments in innovation have delivered the benefits of telephony and

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mobile broadband to billions of people around the world. The Ericsson stock is listed on Nasdaq Stockholm and on NASDAQ in New York. www.ericsson.com

ERICSSON AT MWC

The do zone at Mobile World Congress 2018 is where Ericsson is showcasing the powerful engagement, value and growth that comes with innovation in 5G, IoT and digital operations. With our live technology demonstrations and customer collaborations, we're rolling up our sleeves and digging in. We're showing, not just saying, why emerging technologies are essential to maximize business potential. Join us live and online at www.ericsson.com/mwc