

# Ericsson to power CETIN's 5G transformation in Czech Republic

- Five-year, critical national infrastructure 5G deal between Ericsson and CETIN will transform region, with 5G set to deliver EUR 3718 million of net benefits for the Czech GDP
- CETIN will upgrade its 4G and legacy networks to 5G using Ericsson RAN and advanced antenna system portfolios
- Ericsson's leading 5G technology will be available across the Czech Republic, including major cities such as Prague and Brno, primed for major digital transformation

Ericsson (NASDAQ: ERIC) and wholesale telecom infrastructure company, CETIN, have signed a five-year contract to bring 5G to the Czech Republic. The deal makes Ericsson the supplier behind CETIN's network modernization, which will see their existing legacy network transformed to establish fast, ultra-high capacity 5G.

Ericsson is set to modernize more than 4,000 cellular sites across the full operational area of CETIN's mobile network, covering two thirds of the Czech Republic, including the population-dense areas of Prague, Brno and Ostrava. CETIN, whose customers include T-Mobile and O2, are powering multiple network providers in Czech to bring 5G powered initiatives like connected utilities and healthcare to life, as well as huge opportunities for consumers such as AR/VR.

Juraj Sedivy, the Chairman of the Board of Directors, CETIN, says: "By partnering with Ericsson, we will build state-of-the-art, secure, and sustainable radio access resources for our clients, largest commercial telecommunication operators in the country. They will in turn use new generation of our network as a platform for unprecedented innovations and offer completely new range of services and functionalities for their end customers in the Czech Republic."

Critical national infrastructure, like 5G, is a catalyst for driving digitalization of the economy. According to a recent Analysys Mason report on 5G use cases, 5G will deliver EUR 3718 million of net benefits for the Czech GDP. And as an innovation platform, 5G is opening up entirely new opportunities for society from immersive entertainment and autonomous transport, to smart factories and remote healthcare.

Arun Bansal, President and Head of Europe and Latin America, Ericsson, says: "With the increasing demand for data and disruptive enterprise opportunities on the horizon, 5G offers amazing opportunities for the Czech Republic, and we're very proud to be the partner of CETIN to make 5G a reality here. People all over the Czech Republic will benefit from Ericsson's leading 5G portfolio, bringing the next generation of connectivity to transform everything from manufacturing to healthcare. This partnership will see a modernized mobile network with 5G

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capabilities that will enable crucial digital transformation for the country and give an economic boost that many need.”

In addition to superior mobile broadband for Czech consumers, the next-generation 5G network will enable secure and reliable connectivity for mission-critical communications, enabling industry automation and essential connectivity for first responders.

### Portfolio information

The five-year contract includes a complete modernization of CETIN’s mobile network with [Ericsson Radio System](#) products and solutions for both 5G Standalone (SA) and 5G Non-Standalone (NSA). The solutions include advanced Massive MIMO, Ericsson Spectrum Sharing, 5G New Radio (NR) Carrier Aggregation, and remote upgrade to 5G SA. It also includes the Ericsson Antenna System (formerly Kathrein Mobile Communication) which will boost coverage, capacity, and enable a more energy-efficient network operation. The contract, which takes effect immediately, will result in a 100 percent Ericsson-powered radio access network (RAN).

### Related links:

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