

A-Core Container

Kazakhstan Communications Green Base Station Withdrawal



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Overview

In December 2022, and Tele2-Altel, both major Kazakhstani mobile network operators (MNOs), launched limited 5G services in the country following their successful acquisition of 5G spectrum licenses. This marked the beginning of the 5G era in Kazakhstan. The two companies have ambitious plans to expand their 5G network infrastructure, aiming to deploy at least 7,000 5G base stations and achieve 80% population coverage by the end of 2027.

How many base stations are there in Kazakhstan?

As stated by the Prime Minister's press service, 1,144 base stations have been installed in 20 cities. By the end of 2027, mobile network carriers will invest over 450 billion tenge (US\$994.3 million) in the telecommunications industry. Madiyev reported that internet usage in Kazakhstan is on par with that of developed countries.

Will Kazakh Mobile operators expand 5G coverage in 2025?

ASTANA – Kazakh mobile operators will expand 5G coverage in Astana, Almaty, Shymkent, and regional centers to complete the introduction of 5G mobile communications by the end of 2025, Minister of Digital Development, Innovations and Aerospace Industry Zhaslan Madiyev said at a June 18 government meeting chaired by Prime Minister Olzhas Bektenov.

Who will develop 5G networks in Kazakhstan?

The winners of the auction for radio frequencies, the consortium "Mobile Telecom Service" and "Kcell", will develop 5G networks in Kazakhstan. The main shareholder of the winning companies is the national operator Kazakhtelecom.

How many 5G base stations will be installed in Astana?

According to the terms of the auction, the consortium is obliged to install 391 5G base stations in Astana, Almaty and Shymkent during the first year. And in the next four years — 784 base stations per year in regional centres and cities of republican significance.

What did the Kazakh Telecom chair say about the project?

The Kazakhtelecom Chair also informed about the progress of constructing the Trans-Caspian fiber-optic communication line along the Caspian Sea bed between Kazakhstan and Azerbaijan. This project will increase international traffic transit through Kazakhstan, turning the country into the most important regional telecommunications hub.

Will 5G reduce digital inequality in Kazakhstan?

Based on the briefing, in Kazakhstan, the developers of the 5G implementation concept focused on reducing the digital inequality between the city and the countryside and expanding the product line of mobile operators.

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