

Title: Slovakia network base station communication is unstable

Generated on: 2026-07-08 23:32:03

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What is the Slovak national digital connectivity plan?

The Slovak national digital connectivity plan, approved in March 2021, aims to cover all households with speeds of at least 100 Mbps, with the possibility of upgrade to 1 Gbps, as well as cover socio-economic drivers (schools, institutions, offices, transport hubs) with speeds of at least 1 Gbps by 2030.

What is the strategic document support for 5G in Slovakia?

The strategic document Support for the development of 5G networks in Slovakia for the years 2020-2025 sets a vision and goals for the 5G roll-out. For the latest data on digital connectivity coverage, subscriptions and penetrations, coverage of different digital connectivity technologies check the Digital Decade country reports.

Do communication base stations perform post-earthquake functionality using Bayesian network?

A method to evaluate the post-earthquake functionality of communication base stations using Bayesian network is developed. The dependence between the equipment and its hosting building structure, and the impact of power outages are considered. The method is validated using seismic damage data from the Ludian Earthquake.

Who is the National Broadband competence Office (BCO) of Slovakia?

The national Broadband Competence Office (BCO) of Slovakia is the Ministry of Investments, Regional Development and Informatisation (Kancelária pre širokopásmové pripojenie), responsible for digitalisation and the national digital connectivity plan of Slovakia.

A method to evaluate the post-earthquake functionality of communication base stations using Bayesian network is developed.

With the continuous development of wireless communication technology, the number of base stations is gradually increasing, and basic services are also increasing rapidly, which brings a ...

In this paper, the major work is to solve the "blind spot" of 5G existing network BSs. In other words, it aims to solve the signal coverage problem of weak coverage points on the ...

The core value of base stations is to ensure network coverage and communication quality. However, network quality is subject to fluctuations due to issues such as coverage blind spots, ...

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The report provides a strategic analysis of the base stations market in Slovakia and describes the main market participants, growth and demand drivers, challenges, and all other factors, ...

Due to the widespread installation of Base Stations, the power consumption of cellular communication is increasing rapidly (BSs). Power consumption rises as traffic does, however. .

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