

# A 5G base station is under construction in Cape Town

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How many 5G sites has MTN deployed in 2024?

This year has seen the deployment of 145 new base stations, the modernisation of more than 400 sites, and capacity upgrades to more than 1,000 sites. MTN has also concluded the 5G 2024 deployment programme scope and has deployed 5G on more than 900 sites in 2024. We continue to use the midband spectrum to expand 5G coverage in the country.

Does Vodacom have 5G?

Using the new spectrum, Vodacom in the Western Cape region quadrupled its 5G network reach over the last year. With 5G now available on over 200 base stations in the Western Cape, Vodacom customers in various high-demand urban areas can enjoy access to the latest mobile technology with substantial network capacity and broadband network speeds.

How resilient is the MTN network in South Africa?

It has achieved a network availability score of +98% and has modernised more than 400 sites, with an additional 25% of sites planned during the final months of the year. Even during unscheduled load reduction and severe weather conditions, the MTN network across South Africa has continued to show strong resilience in 2024.

How will 5G be used in 2025?

We continue to use the midband spectrum to expand 5G coverage in the country. Four commercial proposals for 5G Private Networks are also in the works with the focus being the mining sector, manufacturing, education, and logistics with the aim of concluding these proposals in early 2025.

As the race to rollout 5G gathers pace, Huawei has supported South African mobile operators to build more than 2 800 5G base stations locally.

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In the Western Cape, MTN will build new base stations, modernise sites and upgrade more than 600 existing sites. These improvements include better backup power, ...

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What is 5G and how does it work? Learn more about 5G technology and 5G networks, how it differs from 4G, and how it impacts communication and entertainment.

While earlier generations of cellular technology (such as 4G LTE) focused on ensuring connectivity, 5G takes connectivity to the next level by delivering connected experiences from ...

Modernisation work has already taken place in parts of Eersterivier, Cape Town suburbs, and the Greater Stellenbosch region. The company reports that its LTE network ...

5G is mobile technology that uses networks of base stations and antennas to create coverage areas called "cells." These cells overlap to form a continuous network covering an entire ...

Cities such as Johannesburg and Cape Town are developing IoT-based solutions to manage traffic, waste, and energy efficiency.

5G is the fifth generation of wireless network technology, designed to run at much higher and faster frequencies than earlier iterations. It can provide significantly faster download ...

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5G, fifth-generation telecommunications technology. Introduced in 2019 and now globally deployed, 5G delivers faster connectivity with higher bandwidth and "lower latency" ...

5G is the fifth generation of cellular network technology and the successor to 4G. First deployed in 2019, [1] its technical standards are developed by the 3rd Generation Partnership Project ...

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Simply put, 5G is the fifth generation of mobile networking that is slowly replacing 4G/LTE networks. And 5G offers the potential for dramatically faster download and upload ...

Learn what 5G is and how it works, as well as its benefits and drawbacks. Examine 5G use cases, compare 5G to 4G, and explore the potential of 6G.

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