

High-speed light-chad company



Article Overview

Starlink, Elon Musk's satellite internet company, now provides high-speed internet services in Chad.

Starlink has officially launched operations in Chad, marking the 24th African market for the service and offering a significant boost to the country's digital connectivity . Chad has historically had very low internet penetration, with only about 12-13% of the population online, mostly concentrated in the capital, N'Djamena . Starlink's entry aims to bridge this gap by providing reliable, high-speed internet to underserved and remote areas where fiber-optic infrastructure is sparse or absent .

How Starlink Works in Chad

Starlink operates through a network of low-Earth orbit (LEO) satellites, which allows it to deliver faster and more reliable internet compared to traditional satellite providers. Unlike conventional geostationary satellites, Starlink's LEO satellites reduce latency and can provide speeds exceeding 100 Mbps in many areas . This makes it particularly suitable for rural regions where laying fiber-optic cables is prohibitively expensive, often costing over \$30,000 per mile .

Benefits for Chad

- **Improved Connectivity:** Starlink can expand internet access to remote communities, supporting education, healthcare, and government services .
- **Support for Tech Startups:** Reliable internet enables digital businesses and startups to operate more effectively, fostering economic growth

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Speed of light

The speed of light in vacuum is a universal physical constant denoted c (in ISO and IEC standards),

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