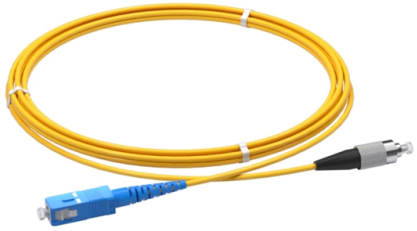
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South Sudan Relocation Project Power Fiber Optic Cable



Overview

Bayobab''s fiber optic cable network across South Sudan is expected to help strengthen the country''s digital infrastructure.

Key Takeaways

South Sudan is set to construct a 2,400-kilometer fiber optic cable from Kenya, alongside relocating its Ministry of ICT to renovated Radio Juba premises to support digital infrastructure expansion.Fiber Optic Cable Project

South Sudan will begin laying a 2,400-kilometer fiber optic cable connecting the country to the Indian Ocean through Kenya, with construction scheduled to start in December 2025 and groundbreaking activities continuing into early 2026 . The project, financed by the World Bank, aims to strengthen the country's digital infrastructure, reduce reliance on costly satellite connections, and provide high-speed, reliable internet across South Sudan . The fiber optic technology transmits data as light pulses through thin glass or plastic fibers, offering faster speeds, higher bandwidth, and more stable connections compared to traditional DSL or cable internet . Once completed, the cable will connect South Sudan to the international fiber network, enabling improved communication for sectors such as education, trade, public service delivery, and e-governance . The initiative is also expected to foster economic growth, innovation, and digital inclusion, positioning South Sudan among the digitally connected nations in East Africa .

Ministry Relocation and Infrastructure Upgrade

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In parallel with the fiber optic rollout, the Ministry of Information, Communication Technology and Postal Services plans to relocate to the renovated Radio Juba building due to congestion at its current offices . The renovation, costing approximately 4 million USD, will provide more operational space and modern infrastructure to support the Ministry's expanding ICT and postal services portfolio . This move is intended to enhance administrative efficiency and facilitate the management of the fiber optic project and other digital initiatives.

Strategic and Investment Implications

The project aligns with South Sudan's Vision 2040 strategy, aiming to modernize the country's digital economy and attract international investment . Officials have emphasized the importance of regional cooperation, robust policy frameworks, and private sector participation, particularly in the energy and power sectors, to sustain digital growth . The government has actively invited investors to explore opportunities in ICT, energy, and related infrastructure, creating a conducive environment for innovation and inclusive economic development .

Expected Benefits
• Enhanced internet connectivity and reduced service costs

• Support for e-governance, education, and trade

• Integration into regional and international digital networks

• Operational efficiency for the Ministry of ICT through relocation and upgraded facilities

• Attraction of foreign investment in ICT, energy, and infrastructure sectors The South Sudan Relocation Project and fiber optic cable initiative represent a transformative step toward building a resilient digital economy, improving communication services, and fostering long-term socio-economic development across the country.

Article Content

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Bayobab to deploy fiber in South Sudan

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Kenya and South Sudan Sign Deal for New Fiber Optic Interconnection

Before the recent deal, Kenya and South Sudan already shared a fiber-optic cable. Indeed, in October 2020, 630 km of fiber-optic

South Sudan plans to lay fibre-optic cables within two years

South Sudan plans to lay a fibre-optic cable to bring broadband Internet to its citizens in the next two years, its minister

South Sudan to launch fiber-optic project from Kenya

The project aims to significantly enhance South Sudan''s digital infrastructure and internet connectivity. Minister

Gov''t targets fibre optics to boost AI development

The government''s commitment to prioritizing youth and human resource development, coupled with the upcoming fiber

South Sudan Approves $9M Budget for National Fiber Optic Network

The South Sudanese government has taken a significant step forward in its national fiber optic infrastructure project,

South Sudan Fibre Optic Cables Market (2025-2031) | Share & Revenue

6Wresearch actively monitors the South Sudan Fibre Optic Cables Market and publishes its comprehensive annual report,

South Sudan and Djibouti ink fiber optic interconnection MoU

In the framework of the Eastern Africa Regional Transport, Trade, and Development Facilitation Project, South Sudan has also

South Sudan plans new fiber optic link to expand internet access

South Sudan plans to establish a new fiber optic link from Ethiopia to enhance internet access across the country,

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