South Sudan Installs Fiber Optic Cable



Overview

(LUSAKA) – South Sudan is set to begin constructions and laying down its 2400 kilometers of Fiber Optics cable coming from the Indian Ocean through the neighboring Republic of Kenya.

Key Takeaways

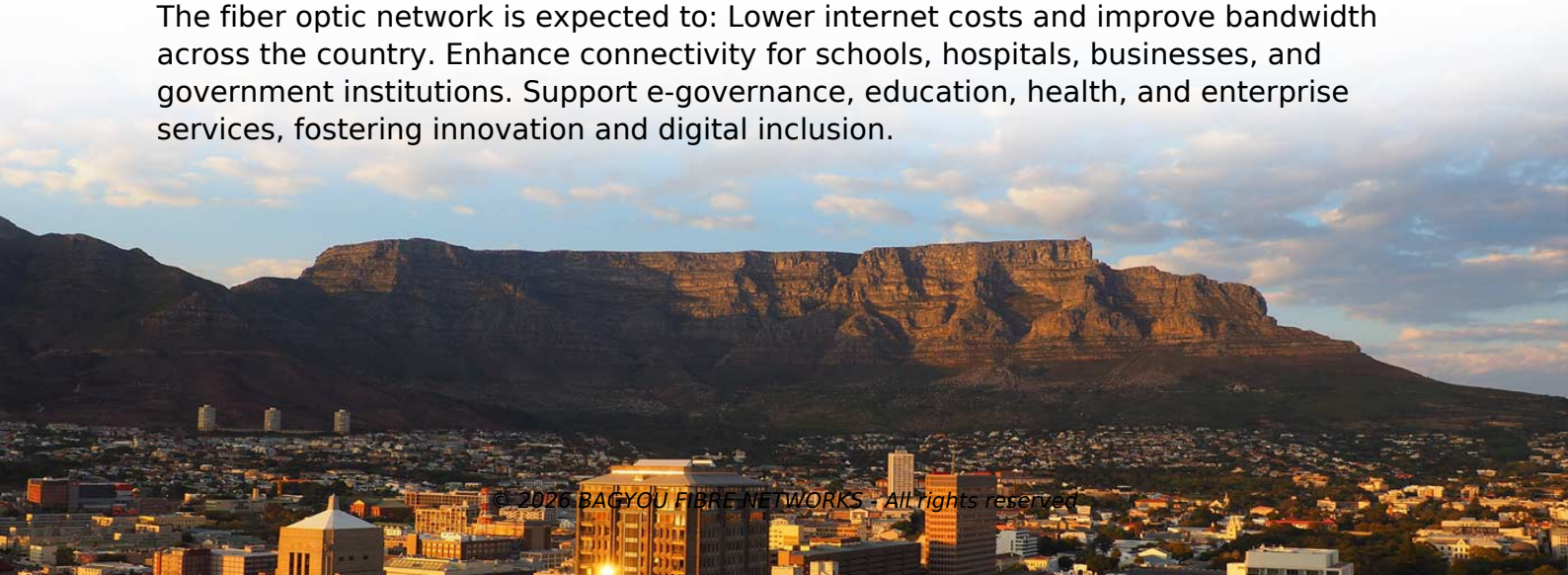
South Sudan is constructing a 2,400-kilometre national fiber optic network to connect the country to the Indian Ocean via Kenya, aiming to improve internet access, reduce costs, and strengthen digital infrastructure.

Project Overview

South Sudan's fiber optic initiative will span approximately 2,400 kilometres, linking the country to the international fiber network through Kenya, with additional planned connections from Ethiopia. The project is part of a broader strategy to enhance the nation's digital backbone, reduce reliance on expensive satellite connectivity, and support economic growth. Construction is scheduled to begin in December 2025, with initial works starting at the Kenyan border and extending toward the capital, Juba.

Objectives and Benefits

The fiber optic network is expected to: Lower internet costs and improve bandwidth across the country. Enhance connectivity for schools, hospitals, businesses, and government institutions. Support e-governance, education, health, and enterprise services, fostering innovation and digital inclusion.



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Attract investment in ICT, energy, and power sectors, creating opportunities for youth and businesses. Currently, internet access in South Sudan is limited, with only Juba enjoying relatively stable connectivity, while other states remain largely disconnected. The new fiber optic links aim to bridge this urban-rural digital divide.

Technical and Strategic Details

The network will connect South Sudan to the Indian Ocean via Kenya, with additional international links from Ethiopia and Uganda, making it the country's third international fiber route. The project is being developed with support from major telecom firms, including Huawei, China Communications Services International (CCSI), and the Globotech-MG Telecom consortium. Over 100 kilometres of fiber have already been laid in southern states, forming initial segments of the backbone.

The Ministry of Information, Communication Technology, and Postal Services approved a $9 million budget for the design phase, covering engineering, environmental, and social safeguards.

Broader Implications

Once completed, the fiber optic network will enable faster communication, reliable internet, and digital transformation across South Sudan. It aligns with the country's Vision 2040 strategy, aiming to position South Sudan as a competitive and connected nation in East Africa. Reliable energy supply remains a critical factor, as connectivity improvements must be supported by stable power infrastructure.

The project also emphasizes regional cooperation and investment, inviting international partners to contribute to South Sudan's digital economy and infrastructure development. This initiative is expected to boost innovation, e-governance, and economic opportunities, marking a significant milestone in the country's post-conflict development.

Article Content

CONSTRUCTIONS OF COUNTRY''S FIBER OPTIC CABLE BEGINS

Oct 08, 2025 (LUSAKA) – South Sudan is set to begin constructions and laying down its 2400 kilometers of Fiber Optics cable coming from the Indian Ocean through the neighboring Republic of Kenya.

South Sudan to Begin Fibre Optic Construction in December

(LUSAKA) – South Sudan will begin the construction and installation of its national fibre optic cable in December, connecting the country to the Indian Ocean through Kenya in a major step

South Sudan to Start Fibre Optic Network in December

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South Sudan will begin laying a 2,400-kilometre fibre optic cable in December, connecting the landlocked nation to the Indian Ocean via neighbouring Kenya, a senior government official has

South Sudan to begin fibre optic network construction in December,

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South Sudan Announces 2,400km Fiber-Optic Network to Strengthen

South Sudan is gearing up to commence construction of a 2,400-kilometre fiber-optic cable that will stretch from the Indian Ocean port, through Kenya, and into South Sudan.

South Sudan: Ministry Announces Construction Of 2,400-Km Fibre

On 8 October 2025, the Ministry of Information, Communication Technology & Postal Services announced that construction of a 2,400-km national fibre optic backbone network will begin

South Sudan to commence construction of Fiber-optic cable

South Sudan is set to commence construction of a 2,400-kilometer Fiber optic cable in December, marking a transformative leap in the country''s digital infrastructure.

South Sudan To Begin Fiber Optic Cable Project With Kenya In Early

The Ministry of Information, Communication Technology and Postal Services MOICT PS of the Republic of South Sudan, in collaboration with the World Bank, is set to begin laying a fiber optic cable from

Installation of fiber optic cable along Torit-Nadapal road kicks off

Africa-Press – South-Sudan. Authorities in Eastern Equatoria State have confirmed that the installation of the fiber optic cable along the Torit-Nadapal highway kicked off on Monday.

South Sudan to build 2,400 km fiber-optic network

++ South Sudan Announces 2,400 km Fiber-Optic Network to Strengthen Digital Infrastructure ++ South Sudan is gearing up to commence construction of a 2,400-kilometre fiber

South Sudan, World Bank to launch fiber optic project in early 2026

The Government of South Sudan, in collaboration with the World Bank, will begin laying a fiber optic cable from Kenya early next year, a move aimed at strengthening the country''s digital

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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, Information, Communication Technology, and Postal Services Minister

Kenya and South Sudan Sign Fiber Optic Cable MoU

Kenya and South Sudan strengthen collaboration with a signed MoU for a fiber optic cable along the Eldoret-Juba road, enhancing connectivity and

South Sudan to Launch Fiber-Optic Project from Kenya

The Ministry of Information, Communication Technology and Postal Services (MOICT&PS) of South Sudan, in partnership with the World Bank, is preparing to start laying a fiber

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 cable were deployed at the border between the two countries, under the

South Sudan, World Bank to launch cross-border fiber optic project in ...

The fiber cable will be a game-changer in boosting access to reliable and affordable internet for South Sudanese," said Mabe. The leadership meeting also reviewed a proposal to

Gov''t targets fibre optics to boost AI development

By Philip Buda Ladu The government of South Sudan is poised to significantly bolster its digital infrastructure, with plans to initiate the laying of its first-ever fibre optic network by September

South Sudan, World Bank to launch fiber optic project in early 2026

South Sudan, World Bank to launch fiber optic project in early 2026 JUBA – The Government of South Sudan, in collaboration with the World Bank, will begin laying a fiber optic

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