

Angola's fiber optic cable plays a crucial role

Article Overview

Angola's fiber optic cables, particularly the South Atlantic Cable System (SACS) and domestic networks, are central to the country's digital transformation, international connectivity, and economic development.

International Connectivity

Angola Cables operates the SACS, the first direct submarine fiber optic link between Africa and South America, connecting Luanda to Fortaleza, Brazil. This cable drastically reduces latency from approximately 350 milliseconds via Europe to just 63 milliseconds on the direct route, enabling faster data transfer and more efficient international communications . Angola also connects to the West Africa Cable System (WACS), providing high-capacity links to South Africa and onward to Europe, ensuring redundancy and reliability in global connectivity . These submarine cables position Angola as a digital crossroads between Africa, South America, and Europe, supporting ambitions to become a regional digital hub .

Domestic Fiber Expansion

Angola is actively expanding its domestic fiber optic backbone to connect all 18 provincial capitals and major municipal seats. The National Broadband Network project adds 1,980 kilometers of fiber, targeting underserved communities and extending fixed broadband access to approximately 3 million additional Angolans . This expansion is critical for achieving the government's target of 60% broadband penetration by 2027, supporting economic diversification, education, healthcare, and governance modernization .

Economic and Sectoral Impact

Fiber optic infrastructure underpins Angola's digital economy and key sectors such as petroleum, finance, and government services. Angola Cables' networks enable real-time data transmission for offshore oil platforms, seismic processing, reservoir modeling, and financial transaction processing, making telecommunications as strategically important as pipelines and processing plants . The infrastructure also reduces dependence on foreign-controlled networks, enhancing national digital sovereignty .

Strategic Advantages

- o Reduced latency and costs for international data traffic, particularly between Africa and the Americas .
- o Enhanced broadband access for urban and rural populations, bridging the digital divide .
- o Support for private sector growth, including mobile operators and enterprise clients who rely on Angola Cables' wholesale capacity .
- o Positioning Angola as a regional digital hub, attracting investment and enabling cross-continental data flows

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. In summary, Angola's fiber optic cables are not merely telecommunications infrastructure; they are a strategic enabler of economic growth, digital inclusion, and international competitiveness, forming the backbone of the country's digital transformation agenda under the Plano de Desenvolvimento Nacional 2023-2027 .

This report provides a comprehensive view of the optical fiber cables industry in Angola, tracking demand, supply,

Deep analysis of Angola's National Broadband Network project -- 1,980 kilometers of new fiber optic deployment connecting

Angola Cables plays a central role in Africa's digital transformation. It has launched points of presence (PoPs) in

The domestic fiber optic backbone network is being expanded to connect Angola's 18 provincial capitals and major municipal seats.

As of this Tuesday, Angola, the Democratic Republic of Congo (DRC) and Zambia will be connected by a fiber optic

The Angola Fiber Optic Cable Market is likely to experience consistent growth rate gains over the period 2025 to 2029. From 2.95%

Angola Cables, a provider of subsea cable and international connectivity solutions, last month signed a key

Real-time tracking dashboard for Angola's digital infrastructure projects including National Cloud, submarine cables, fiber backbone,

ICT plays a central role in the digital transformation that is a priority for many governments worldwide. To accelerate the realization of

Angola, the Democratic Republic of Congo (DRC) and Zambia now have a joint fiber optic connection, where the plan to

Angola Cables, with the strategic and operational support of OSI, has initiated two innovative new subsea cable

As the operator of the South Atlantic Cable System (SACS) -- the first direct submarine cable linking Africa

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to South America --

Angola's national fiber backbone has evolved from a single war-damaged trunk route connecting Luanda to Lubango into a multi

One of the most remarkable features of the changing face of the African international fibre capacity market has been the rise of

An overview of Angola's fiber optic coverage and internet usage statistics projected for 2026, highlighting digital growth in the country.

My role is to help roll out fiber across the country and, while it is early days, deployments are going well. As implementations

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