

Guinea Fiber Optic Cable Undergrounding Project



AI Overview

Guinea is expanding its digital infrastructure with a second submarine fiber-optic cable and national backbone upgrades to enhance connectivity and support its digital economy. Project Overview Guinea has signed agreements to land a second submarine fiber-optic cable through the Medusa Submarine Cable System, marking a major step in strengthening both international and national internet connectivity . This new cable comes 13 years after the country's first submarine link, which is nearing full capacity due to rising internet demand . The project aims to diversify Guinea's connectivity routes, reduce reliance on a single infrastructure, and improve network resilience and reliability . Implementation Partners The local telecom company GUILAB SA is the designated landing partner, responsible for managing, operating, and maintaining the cable infrastructure in Guinea for 25 years . The Medusa system, backed by AFR-IX Telecom, interconnects Southern Europe, North Africa, the Middle East, and West Africa, providing Guinea with enhanced intercontinental connectivity . Prime Minister Amadou Oury Bah and Minister Mourana Soumah emphasized the strategic importance of this project for the country's digital future . National Backbone and Undergrounding Efforts Alongside the submarine cable, Guinea is advancing the expansion of its national fiber-optic backbone, including undergrounding initiatives to increase capacity and reliability . The General Management of SOGEB is conducting studies to double the backbone's capacity, ensuring it can support growing digital demand across sectors . These upgrades are part of the Simandou 2040 Programme, which integrates digital infrastructure development with broader national modernization goals . Strategic Objectives and Impact The project is designed to: Triple Guinea's current internet capacity, supporting both consumers and businesses . Enh...

Article Content

Guinea Secures Second Subsea Internet Cable to Boost Digital ...

The new cable arrives 13 years after Guinea deployed its first submarine fibre-optic link, which authorities say is now approaching full capacity due to rising internet use and growing demand

Guinea Expands Submarine Fiber-Optic Cable

Guinea has moved to add a second submarine fiber-optic cable after signing a construction and maintenance contract, as the country's existing international link nears saturation and the ...

Medusa Subsea Cable System Extends to Guinea

Guinea has advanced its digital transformation agenda with the signing of a contract for the construction and maintenance of a second submarine fiber-optic cable, a strategic move

Nigeria, Equatorial Guinea Plan New Undersea Cable to Improve

Equatorial Guinea, Nigeria sign deal for new submarine fiber-optic link Project aims to boost bandwidth, digital connectivity and regional cybersecurity New cable to reduce reliance on

Best 5 Manufacturers for underground fiber optic cable in Guinea

Underground fiber optic cables are used by telecommunication networks, internet service providers, cable television companies and so forth. While in Guinea connecting urban and rural areas for high

Guinea Signs Deal for Second Subsea Cable to Boost Internet Capacity

Guinea has signed a contract for the construction and maintenance of a second submarine fiber-optic cable, adding new capacity to the country's international internet infrastructure.

Guinea Joins Medusa Africa Cable Project to Reduce Reliance on

The Medusa Africa project involves the deployment of a next-generation submarine cable linking Europe, North Africa, West Africa and the Middle East. For Guinea, the cable will provide a backup

Equatorial Guinea leads Central Africa fiber optic ...

News Equatorial Guinea leads Central Africa fiber optic expansion with Ceiba-2 Cable launch El Gestor de Infraestructuras de Telecomunicaciones de Guinea Ecuatorial (GITGE) is

Guinea Signs Deal for Second Submarine Cable

Guinea has taken a major step toward strengthening its digital infrastructure following the signing of a contract for the construction and maintenance of a second submarine fibre-optic cable,

Sierra Leone – Guinea Fiber Optic Cables Interconnected at

The essence of the interconnectivity is to provide fibre internet redundancy in both countries, meaning if the Sierra Leone ACE submarine cable is down, Guinea will provide automatic

List of terrestrial fibre optic cable projects in Africa

This is a list of terrestrial fibre optic cable projects in Africa. While submarine communications cables are used to connect countries and continents to the Internet, terrestrial fibre optic cables are used to

Equatorial Guinea Eyes New Subsea Cable to Fix Unreliable Internet

Government considers joining Medusa cable to improve network stability Project estimated at €20-60 million, with rollout targeted for 2029-2030 Move aims to cut outages, lower costs, and expand

BEST 5 MANUFACTURERS FOR UNDERGROUND FIBER OPTIC CABLE IN GUINEA

Table of Cost Standards for Underground Fiber Optic Cable Laying 50 to \$42 per foot,& #32;with installation costs accounting for 60-80% of total project expenses. (FOA) was founded in 1995 to help

Gambia and Guinea plan to have new subsea cable

Guinea and Gambia have reportedly signed a Memorandum of Understanding (MoU) to establish a second subsea optical fibre cable. They plan to collaborate on a feasibility study for the

Guinea Telecom Fiber Optic Cable Listing

Five Suns EcoEnergy & Telecom Systems (FSE) provides outdoor telecommunication cabinets, SFP optical modules, industrial switches, base station energy management, emergency communication

Huawei starts work on Guinea's first fiber-optic cable

China's Huawei started work this past Saturday on a 4,000-kilometer fiber-optic cable project that will deliver high-speed Internet access to residents of Guinea, and could serve other

Huawei Breaks Ground on Guinea's First High-Speed Fiber-Optic

Deep in the heart of a remote area of the West African nation of Guinea, engineers and officials from China's telecommunications giant Huawei gather to break ground on the nation's very

Guinea joins Medusa Africa submarine cable

In February 2026, Equatorial Guinea and Nigeria signed a landmark subsea fiber-optic agreement aimed at expanding connectivity, regional cybersecurity and uninterrupted high-speed

Nigeria and Equatorial Guinea Sign Landmark Subsea Fiber-Optic ...

The project focuses on the development of a subsea fiber-optic cable designed to expand broadband capacity, strengthen digital communications, and enhance regional cybersecurity

Guinea Signs Second Submarine Fibre-Optic Cable Deal

The new infrastructure comes 13 years after the installation of Guinea's first submarine fibre-optic cable, which is now approaching saturation due to rising demand for internet services...

Guinea Advances SIMANDOU 2040 Projects, Plans New Submarine

This agreement will facilitate the landing of a second submarine cable in Guinea, in line with the directives of President Mamadi Doumbouya, aimed at improving national and international

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