

Fiber optic KVM transmission in the Democratic Republic of Congo



Article Overview

The DRC is rapidly expanding its fiber-optic infrastructure, creating a foundation that could support high-performance fiber optic KVM transmission across the country.

National Fiber-Optic Projects

The Democratic Republic of Congo is undertaking major fiber-optic initiatives to improve broadband connectivity. A key project involves a \$1.5 billion fiber-optic network along the Congo River, covering approximately 2,100 km, including 1,700 km of riverine fiber and 400 km of terrestrial links from Muanda to Kisangani. This project aims to establish major connectivity corridors that bypass logistical and security challenges associated with overland construction, strengthening the national broadband network. Additionally, the DRC plans a national fiber-optic backbone spanning over 11,500 km, including 1,500 km of international links connecting neighboring countries such as Angola, Uganda, Burundi, and the Central African Republic. This backbone is supported by financing from the World Bank and the French Development Agency, aiming to improve both domestic and international interconnection, expand digital services, and enhance network resilience.

Implications for Fiber Optic KVM

Fiber optic KVM systems require high-bandwidth, low-latency fiber connections to transmit keyboard, video, and mouse signals over long distances. The ongoing fiber-optic projects in the DRC provide a strategic foundation for deploying KVM solutions, particularly for:

- Data centers and server farms in urban centers like Kinshasa and Lubumbashi.

Article Content

What is the impact of fibre connectivity in the Democratic Republic of ...

The Democratic Republic of the Congo (DRC) lags behind in mobile connectivity compared to other countries in sub-Saharan Africa,

Benya DRC

As part of Benya Group efforts to lead digital transformation across Africa, Benya Group will deploy a fiber optic network in the

DRC government signs up China's Genew Technologies to build

The Democratic Republic of the Congo's ICT ministry has signed a memorandum of understanding (MoU) with China's

Economic Impacts of Submarine Fiber Optic Cables and Broadband ...

This study explores the economic impact of the international data connectivity delivered by submarine fiber optic cables ("subsea

Benya DRC

Benya DRC Fiber optic operator in partnership with the SCPT in DRC As part of Benya Group efforts to lead digital transformation

#DigitalTransformation in Congo: A 2023 Review | Goodwin ...

Aim: Establish Congo as an ICT hub in the region. These initiatives signify a monumental leap towards bridging the digital divide and

Economic impacts of submarine fiber optic cables and broadband ...

Economic impacts of submarine fiber optic cables and broadband connectivity in the Democratic Republic of Congo O'Connor, A. C.,

DRC plans \$1.5B fiber-optic project along Congo River

The Democratic Republic of the Congo's (DRC's) Ministry of Posts, Telecommunications and Digital Affairs, has

DRC Explores River Corridor Project to Expand National Fiber Optic ...

The objective is to establish major connectivity corridors that would strengthen the country's future national network.

Fast Congo, GVA ink DRC fiber deal

Pan-African operator Paratus Group's subsidiary, Fast Congo, has signed a long-term agreement with Group Vivendi

DRC Plans Tender for 11,500 km National Fiber-Optic Network

The Democratic Republic of Congo plans an international tender for the construction and operation of a national fiber

Fiber Optic Coverage and Internet Usage Statistics in Democratic ...

Overview of fiber optic infrastructure and internet usage statistics in the Democratic Republic of Congo for 2026, highlighting digital

Independent Recourse Mechanism

Do you have a concern about a Bank-financed project? Individuals, workers and communities who are (or may be)

DRC unveils AfDB-backed 600KM Fibre Optic Cable project

The Democratic Republic of Congo (DRC) has launched a €66.55 million fibre optic cable project, a significant leap

Construction of fibre-optic cables in the Democratic Republic of Congo ...

Construction of a 10,000 km regional fiber-optic backbone across 5 countries with an impact on around 90 million Africans, directly

BANDWIDTH AND CLOUD SOLUTIONS

The project concerns the second phase of the construction of a fibre optic backbone in DRC (Democratic Republic of

CanalBox boosts internet quality in the DRC with Fast Congo

CanalBox initiated its services in the Democratic Republic of Congo in December 2021, currently serving Kinshasa and Goma. Fiber

Fiber optics in the DRC: A strategic partnership for a digital leap

Aware of these challenges, the Congolese government has, for several years, multiplied efforts to modernize its

Democratic Republic of the Congo's "Fiber Optic Highway" Announces ...

Fast Congo, a subsidiary of network solutions company Paratus Group in the Democratic Republic of Congo (DRC), has announced

DRC Plans 2,100 km Fiber-Optic Corridor Along the Congo River

The proposed project covers about 2,100 kilometers of infrastructure, including 1,700 kilometers of fiber-optic cable along the Congo

DR Congo govt partners with two Chinese firms to build national fibre ...

The Democratic Republic of Congo (DRC) is partnering with two Chinese companies, Genew and Zhongshi Wosen, to

DRC Plans Tender for 11,500 km National Fiber-Optic Network

The financing is expected to be used to build new telecom sites, deploy 4G and 5G equipment, provide reliable power

DRC: A procedure for awarding an 11,500 km fiber optic network will ...

The funding will be used to build new telecom sites, deploy 4G and 5G equipment, ensure the power supply for

SOCOF and APCSC to deploy fibre along new roads in the DRC

Read all about "SOCOF and APCSC to deploy fibre along new roads in the DRC" and get the latest news & updates

DR Congo: Two Chinese Companies Positioned to Build Fiber Optic

Genew Technologies and Zhongshi Wosen, both Chinese companies, will help the Democratic Republic of Congo

DRC is Building a \$1.5 Billion Fibre Network Along the Congo River

The Democratic Republic of Congo has signed a memorandum of understanding with China's Genew Technologies to

DR Congo: BCS gets warrant agreement for a 1,200-km fiber project

The European Investment Bank (EIB) announced, Saturday, a warrant agreement with the wholesale

Demokratische Republik Kongo: EIB Global fördert Glasfasernetz der

The project concerns the second phase of the construction of a fibre optic backbone in DRC (Democratic Republic of

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