

Article Overview

Cambodia's internet connectivity could be disrupted if a fiber optic cable, such as the Sihanoukville-Hong Kong submarine cable or national networks, is cut, affecting both international and domestic communications.

Key Fiber Optic Infrastructure in Cambodia

Cambodia's internet relies on a combination of submarine and terrestrial fiber optic cables. The main submarine cables include the Malaysia-Cambodia-Thailand (MCT) and Asia-Africa Europe 1 (AAE-1) systems, which land at Sihanoukville and Mittapheap, providing international connectivity . A new state-owned Sihanoukville-Hong Kong submarine cable is under construction, expected to be completed by July 2025, which will further enhance international bandwidth . Domestically, CFOCN, Telecom Cambodia, and Viettel Cambodia operate the national fiber optic backbone .

Potential Impact of a Cable Cut

A cut in a submarine cable or major terrestrial line can lead to:

- o Slower internet speeds and increased latency for both businesses and consumers.
- o Disruption of international communications, including cloud services, online banking, and streaming platforms.
- o Temporary rerouting of traffic through alternative cables, which may not have sufficient capacity to handle peak demand, causing congestion .

Restoration and Mitigation

Operators typically respond to cable cuts by:

- o Deploying repair ships for submarine cables or maintenance crews for terrestrial lines.
- o Rerouting traffic through other submarine cables like MCT or AAE-1 to maintain partial connectivity .
- o Upgrading infrastructure: CFOCN has ongoing projects to expand underground fiber networks across nine provinces, which may improve redundancy and reduce future disruptions .

Conclusion

While a fiber optic cable cut in Cambodia can temporarily affect internet speed and reliability, the presence of multiple submarine cables and national networks provides some resilience. The ongoing Sihanoukville-Hong Kong cable project and domestic expansions by CFOCN are expected to strengthen Cambodia's connectivity and reduce the impact of future outages .

Cambodian fiber optic cable cut

Cambodia recently began construction on a nearly-3,000-kilometre submarine fiber optic cable project linking Preah

Our Network Telcotech has the most robust underground domestic fibre network throughout Cambodia with full redundancy and

PHNOM PENH: Prime Minister Hun Manet has announced that Cambodia will ensure its own supply of electricity and

Cambodian's Broadband Initiatives Domestic Network Providers Optical Fiber Backbone Operators Telecom Cambodia (TC) Viettel

Project Summary Information

"The consequence is due to the threat from Thailand, to which Cambodia has promptly responded." In a social media

Cambodian Prime Minister Hun Manet said in a Facebook post on Thursday that there has been widespread information circulating

The project to build submarine optical fibre cable network between Sihanoukville and Hong Kong will be completed in

Telecom Cambodia (TC) Viettel Cambodia Cambodia Fiber Optic Cable Network (CFOCN) 9

The Sihanoukville-Hong Kong Submarine Cable System will be first state-owned submarine optical fiber cable for Cambodia. The

Key Points: o Strategic Partnership: Smart Axiata and Cambodia Fiber Optic

Largest Fibre Optic Cable Companies In Cambodia Based on a report from the UN-OHRLLS: The largest fibre optic

According to the post, Dr. Chea Vandeth, Minister of Posts and Telecommunications, informed Hun Manet that all

Supporting this move, Chea Vandet, Minister of Post and Telecommunications, confirmed that all Cambodian fiber

Cambodian fiber optic cable cut

Joint teams inspected areas near key border checkpoints and severed fiber-optic cables

The Land Cable Network will include the construction of a 25,000 km of backbone fiber optic cable (FOC) network across Cambodia.

Web: <https://www.kremgroup.co.za>

