

Papua New Guinea Telecommunications Fiber Optic Network



Overview

A total of 12,000 km of fibre-optic cables has been laid to date as part of PNG's broadband network, the National Transmission Network (NTN), which PNG DataCo – the state-owned telecommunications wholesaler – owns and manages. DataCo operates and maintains an extensive network of over 12,000km of fiber optic cable both internationally and locally. In addition, DataCo manages three tied data centers and 51 satellite infrastructures throughout Papua New Guinea (PNG). From high-speed internet rollouts in urban centers to connectivity solutions in rural and remote areas, Cetelnet provides. Papua New Guinea's internet system continues to rely heavily on fibre optic cables, despite the growing presence of satellite-based services across the country, according to PNG DataCo. It directly connects Port Moresby in PNG and Honiara in the Solomon Islands to the global internet hub of Sydney Australia.



Article Content

Papua New Guinea National Broadband Plan 2022

Backhaul networks must be built to reach these areas - whether fiber optic backbone or satellite transmission - and towers and cell sites must be constructed and maintained, with a variety of

PNG National Cable Network Enables New Route to

Huawei Marine announced that it will help Papua New Guinea to build national submarine fibre cable network, connects 14 main cities in Papua New Guinea,

How PNG is achieving faster, more reliable internet access

A new submarine fibre-optic cable network is already boosting Papua New Guinea's internet speeds and ICT capacity in some regions, with further improvements set to come this year through a subsea link

DataCo expands network in PNG

After 10 years in operation, DataCo has grown to operate and maintain an extensive network of over 12,000km of fiber optic cable, both internationally and locally. In addition, DataCo manages two ...

Papua New Guinea's national broadband network

The dream of high speed broadband in Papua New Guinea has taken a step closer, with the completion of a fibre-optic cable connecting Gulf Province

About Us - PNG DataCo

We are here to drive connectivity and digital solutions in Papua New Guinea PNG DataCo Limited (DataCo) is a state-owned entity committed to provide wholesale telecommunication services to the

Fibre network remains backbone of internet in PNG - DataCo

Papua New Guinea's internet system continues to rely heavily on fibre optic cables, despite the growing presence of satellite-based services across the country, according to PNG DataCo.

Coral Sea Cable System Overview

The Coral Sea Cable System (CS 2) connects both Papua New Guinea (PNG) and the Solomon Islands to the major East Coast Internet Hub at Sydney, Australia. The Coral Sea Cable System (CS 2)

Trusted Fiber Optic Contractor Lae

Trusted Fiber Optic Contractor Lae As digital infrastructure continues to expand in Papua New Guinea, Lae is emerging as a vital hub for connectivity, commerce,

Leading Fiber Optic Supplier Port Moresby

If you're searching for a dependable fiber optic supplier in Port Moresby, Cetelnet delivers the quality, support, and local expertise you can trust. We're committed

Information and communications technology in Papua

Digital Transformation: The Role of Mobile Technology in Papua New Guinea (GSMA Association, 2019) Connecting Papua New Guinea (Deloitte

PNG DataCo Expands National Transmission Network with 12,000 km

Papua New Guinea is enhancing its digital infrastructure through an extensive National Transmission Network. PNG DataCo, a subsidiary of Kumul Consolidated Holdings, operates the

East Coast Group Ltd

East Coast NetLink provides fiber optics connectivity solutions for businesses and organizations in Papua New Guinea. We offer high-speed, reliable and secure internet access, data transmission and

PNG DataCo Coverage - PNG DataCo

DataCo operates and maintains an extensive network of over 12,000km of fiber optic cable both internationally and locally. In addition, DataCo manages three tied data centers and 51 satellite

Guinea Signs Contract for Second Submarine Fibre-Optic 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 ...

PNG DataCo's ambitious roadmap for the internet in

A total of 12,000 km of fibre-optic cables has been laid to date as part of PNG's broadband network, the National Transmission Network (NTN), which

PNG's telco services improved over 10 years

Papua New Guinea's telecommunications services have improved significantly over the past 10 years, with substantial government investment in

PNG DataCo's ambitious roadmap for the internet in

As telecommunications connectivity reaches 80 per cent of Papua New Guinea's population, Business Advantage PNG looks at how the country's

Coral Sea Cable System

The Coral Sea Cable System (CS2) is a 4700 kilometre-long fibre optic submarine telecommunications cable that links both Papua New Guinea

5G is Coming to Papua New Guinea: How DataCo is

It is developing a wholesale fibre broadband network to deliver high-speed internet to homes and businesses. Using technology like Gigabit Passive

Trusted Fiber Optic Contractor Papua New Guinea

From high-speed internet rollouts in urban centers to connectivity solutions in rural and remote areas, Cetelnet provides complete fiber optic contracting services

Telecommunications rollout speeds up

More than 12,000 km of fibre-optic cables have been built as part of PNG's broadband network, the National Transmission Network, which the state

Guyana Coherent Optical Equipment Market (2025-2031) | Outlook

6Wresearch actively monitors the Guyana Coherent Optical Equipment Market and publishes its comprehensive annual report, highlighting emerging trends, growth drivers, revenue analysis, and

The System — Coral Sea Cable Company

The Coral Sea Cable System (CS2) is a 4,700km long fibre optic submarine cable system linking Sydney, Australia, to Port Moresby, Papua New Guinea and

Leading Fiber Optic Supplier Papua New Guinea

As internet usage continues to rise across Papua New Guinea, traditional copper-based networks and wireless systems struggle to keep up with the increasing demand for bandwidth. Fiber optic cables,

Connecting the World's Most Remote Islands: The Next ...

These islands have played a role in global communications since the telegraph era, and today remain part of modern fibre-optic infrastructure networks.

The System — Coral Sea Cable Company

The 4700 km Coral Sea Cable System is a 40Tbps submarine fibre optic cable that brings next-generation connectivity to the people of Papua New Guinea and

Contact Us

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