Biznet Operates Submarine Cable
Biznet Nusantara Cable System-1 (BNCS-1)
Improving Digital Connectivity Between Islands in Indonesia and the World

Indonesia, Bali, 20 June 2024 - Biznet as a digital infrastructure company in Indonesia continues to prove its commitment to reduce digital gap by providing equal access to Internet connection to support digital transformation, by building the first submarine fiber optic cable infrastructure with Biznet Nusantara Cable System-1 (BNCS-1).

Biznet Nusantara Cable System-1 (BNCS-1) is a submarine fiber optic cable network, connecting Java, Sumatra and Bangka islands for approximately 100 KM. BNCS-1 network consists of 24 pairs (48 cores) of Fiber Optic using the latest Dense Wavelength Division Multiplexing (DWDM) device technology. Each pair (2 cores) of Fiber Optic cable can transmit data of 96 x 400 Gbps = 38.4 Tbps. With 24 pairs, this means that the BNCS-1 network has a total capacity of 24 x 38.4 Tbps = 921.6 Tbps. The capacity of this network can be increased according to the development of DWDM technology.

"From 2022 to 2023, we have been building submarine fiber optic cable infrastructure through Biznet Nusantara Cable System (BNCS-1). With this development, we hope to be able to provide digital connectivity between islands in Indonesia with high-speed Internet capacity for the future that can encourage digitalization and modernization of the people of Indonesia, as well as strengthen our network expansion, especially in Java and Sumatra", **said Adi Kusma, President Director of Biznet**.

As known, Biznet has presented various innovations at the beginning of 2024 such as increasing bandwidth capacity on services specifically for home and apartments with Biznet Home up to 300 Mbps as well as on services for SME businesses or start-ups with Biznet Metronet up to 900 Mbps. Until now, Biznet continues to expand to cover all cities and regencies in Indonesia.

The purpose of this BNCS-1 infrastructure development is to ensure that Sumatra Island has the same bandwidth speed as Java Island, symmetrical upload download, with a reliable connection and affordable price that can help digital activities run more smoothly. *"Along with the construction of submarine fiber optic cable, we are also building Biznet Cable Landing Station or Biznet MarinePOP facility, which is the latest innovation that we present as an infrastructure that becomes the main gate in protecting our submarine cable infrastructure network,"* **Adi added**.

Biznet Cable Landing Station is the main gate to connect Fiber Optic networks between islands in Indonesia and the World, which can provide Internet and Data Communication services with greater capacity, fast and reliable. Biznet MarinePOP is equipped with colocation rooms with the latest infrastructure such as using Renewable Energy such as solar and wind to reduce carbon emissions from global warming and turn it into environmentally friendly, backed up by Standby Generator and also supported by security team for 24 hours every day.

Biznet Cable Landing Station can also be used by other telecommunication providers, who want to connect their network to Java, Sumatra and Bangka. Biznet has owned and operated **4 Cable Landing Stations**:

Branch Name	Address
Biznet Marine POP Serang Anyar	Jl Raya Anyer-Sirih KM 121, Cikoneng, Anyar, Kabupaten Serang, Banten
Biznet Marine POP Lampung Selatan Kalianda	Jl Kusuma Bangsa LK I RT 002, Way Urang, Kalianda, Kabupaten Lampung Selatan, Provinsi Lampung
Biznet Marine POP Banyuasin Sungsang	Jl Sungsang IV, Banyuasin II, Kabupaten Banyuasin, Sumatera Selatan
Biznet Marine POP Bangka Barat Muntok	Jl Jendral Sudirman, Tanjung, Muntok, Kabupaten Bangka Barat, Provinsi Kepulauan Bangka Belitung

With more than 24 years of experience in the telecommunication industry, Biznet has built the best quality network connection for every island in Indonesia and the world through **Biznet Cable Landing Station**.

In the construction of this submarine cable infrastructure, Biznet is also doing Corporate Responsibility (CSR) by providing free Internet service for 1 year to 100 households in areas near Biznet MarinePOP located in Kalianda - South Lampung Regency, Sungsang - Banyuasin Regency, South Sumatra and Muntok - West Bangka Regency, Bangka Belitung Islands.

"Through innovations and infrastructure that we are building, we hope to provide the best service that can support the growth of digital economy and make the people of Indonesia become more creative and innovative in the ever-growing digital era so that we can perfecting the lives of all Indonesian by #PakeBiznet." **Adi concluded**.

Tentang Biznet
Biznet merupakan perusahaan infrastruktur digital terintegrasi di Indonesia, menyediakan layanan Internet, Data Center, Cloud Computing dan IPTV. Kami memiliki komitmen untuk membangun infrastruktur modern dengan tujuan mengurangi kesenjangan digital Indonesia dengan negara berkembang lainnya. Biznet memiliki dan mengoperasikan jaringan Fiber Optic tercanggih dan data center terbesar di Indonesia. Untuk informasi lebih lanjut mengenai perusahaan dan layanan silakan kunjungi biznetnetworks.com.

Untuk informasi lebih lanjut, hubungi:
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