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How Vivo extended its 4G service to Brazil's Fernando de Noronha archipelago

In 2017, VIVO, the leading Brazilian mobile phone company owned by Telefonica, was looking to extend its 4G network to the Fernando de Noronha archipelago, one of Brazil's most popular tourist destinations. The islands' distance from the mainland (350 km) and very low population density made it difficult and costly to connect via traditional networks. They had however been facing growing demand for connectivity from researchers and tourists visiting this World Heritage Site.

Telefonica International Wholesale Services (TIWS) had already been working with Eutelsat do Brasil, a subsidiary of Eutelsat Communications, for several

years, taking advantage of EUTELSAT 8 West B's Ku-band coverage of Brazil to provide connectivity for schools, corporate networks, and cellular backhaul services. The satellite's unique coverage of the archipelago made it the obvious choice when seeking to connect the islands in 4G.

"EUTELSAT 8 West B's robust and efficient coverage has allowed us to provide the much needed connectivity required in the Noronha archipelago for tourism and for valued conservation work," mentions Rodrigo Campos, Director of Brazil at Eutelsat. "We feel proud about this project and the benefits our relationship with VIVO, TIWS and Telefónica are bringing to the islands."

Through EUTELSAT 8 West B's unique Ku-band coverage, the mobile phone operator has been able to establish a high efficiency satellite link connecting the Brazilian archipelago to its master station in the São Paulo province, providing a high availability connection.

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About Eutelsat Group

Eutelsat Group is a global leader in satellite communications, delivering connectivity and broadcast services worldwide. The Group was formed through the combination of the Company and OneWeb in 2023, becoming the first fully integrated GEO-LEO satellite operator with a fleet of 34 Geostationary satellites and a Low Earth Orbit (LEO) constellation of more than 600 satellites. The Group addresses the needs of customers in four key verticals of Video, where it distributes more than 6,500 television channels, and the high-growth connectivity markets of Mobile Connectivity, Fixed Connectivity, and Government Services. Eutelsat Group's unique suite of in-orbit assets and ground infrastructure enables it to deliver integrated solutions to meet the needs of global customers. The Company is headquartered in Paris and the Eutelsat Group employs more than 1,500 people across more than 50 countries. The Group is committed to delivering safe, resilient, and environmentally sustainable connectivity to help bridge the digital divide. The Company is listed on the Euronext Paris Stock Exchange (ticker: ETL) and the London Stock Exchange (ticker: ETL)

Find out more at www.eutelsat.com

Media enquiries

Joanna Darlington
Tel. +33 674 521 531
jdarlington@eutelsat.com

Anita Baltagi
Tel. +33 +33 643 930 178
abaltagi@eutelsat.com

Katie Dowd
Tel. +1 202 271 2209
kdowd@oneweb.net

Investors

Joanna Darlington
Tel. +33 674 521 531
jdarlington@eutelsat.com

Hugo Laurens Berge
Tel. +33 670 80 95 58
hlaurensberge@eutelsat.com

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