



PADTEC HOLDING S.A.
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NOTICE TO THE MARKET

Conect Info provider DWDM network is now available in São Paulo with the 800 Gb/s solution by Padtec

Campinas/SP, March 29, 2023 – PADTEC HOLDING S.A. (B3: PDTC3) (“Company” or “Padtec”) informs that after expanding the coverage of its DWDM networks to three Brazilian states, Conect Info, a telecommunications service provider established in Minas Gerais, is now taking its services also to São Paulo, through two new routes: one connecting the capital of São Paulo state to the city of Rio de Janeiro and the other to the city of Belo Horizonte. And it is investing in Padtec's line of 800 Gb/s transponders to expand its already extensive high-capacity communication network to São Paulo.

The provider's expansion plan, which is headquartered in Ipatinga (Minas Gerais state), began last year, with the connection of key cities in Minas Gerais, Rio de Janeiro, Espírito Santo, and Bahia states. This year, the network reaches São Paulo and forms a ring between the capitals of São Paulo, Minas Gerais, and Rio de Janeiro. Overall there will be more than five thousand kilometers of illuminated networks, with a total capacity of 16 Tb/s (terabits per second).

Rudmar Guimarães, CEO of Conect Info, explains that the construction of a high-capacity network that can be expanded quickly – one of the largest ring networks in Brazil – is part of the company's strategy for the coming years. "With the expansion, the intention is to drive Conect's next stage of growth, which focuses on expanding its geographic presence and services offered", highlights Guimarães. "In this sense, Padtec's DWDM solution allows us to prepare our optical network for a scalable and flexible growth in capacity, to keep up with the increase in demand for data traffic and our expansion in the market", he adds.

To illuminate the new route, Conect Info invested again in Padtec's line of 800 Gb/s transponders (up to 400 Gb/s per optical channel) – which recently reached the mark of one thousand units sold. Developed and manufactured in Brazil, the product offers high data transmission capacity over short, medium, and long distances, with a lower cost per transmitted bit. Additionally, Conect Info also decided to invest in the use of the OTDR (Optical Time-Domain Reflectometer) solution, which allows operators to control the performance of their optical networks remotely and automatically over long distances. And, in strategic points of the network, it is betting on the use of the OCM-HR (Optical Channel Monitoring – High Resolution) solution as an OSA (Optical Spectrum Analyzer) to actively monitor the power and the signal-to-noise ratio (SNR, from English Signal-To-Noise Ratio) of each channel.

About Padtec (padtec.com)

Padtec is a Brazilian multinational that aims to bring high-capacity connections to life throughout Brazil, the Americas, and worldwide. From the small town to the bustling metropolis. For every person, for every type of business. With more than two decades down the road, we are proud to know that we work side by side with our customers to offer services capable of bringing people together. It's this way that, breathing technology and collaborating, we get where no one else gets. We dare to use our knowledge to design new futures and accompany a world in constant evolution. This is our way to boost connections to create new realities.

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