



PADTEC HOLDING S.A.

NOTICE TO THE MARKET

Padtec launches DWDM solution focused on the demands of small and medium ISPs

Campinas/SP, January 23, 2023 – PADTEC HOLDING S.A. (B3: PDTC3) (“Company” or “Padtec”) informs its shareholders and the market in general that is launching a DWDM solution designed to meet the main demands of regional service providers related to the evolution of their networks: high performance, availability and flexibility for rapid expansion, at a lower cost. The new product is a standalone dual transponder, with SDN (Software Defined Network) management, which offers high data transmission capacity – up to 400 Gb/s per optical channel, or 800 Gb/s in total – in short and medium distances, with quick and simplified installation and low energy consumption, in a 1RU high chassis.

With this launch, Padtec now offers the provider market an advanced alternative for the evolution of the capacity of its transport networks, with an investment consistent with its resources. “One of the product's technical innovations is the use of QSFP-DD pluggable modules in the OpenZR+ standard, a trend that reduces the cost per transmitted bit, with high energy efficiency, in coherent optical systems. In addition, it has functionalities that adapt the rates to the operating conditions of each network, which allows providers to start with 100 Gb/s channels and gradually expand capacity, reaching 400 Gb/s channels”, highlights Roberto Nakamura, Padtec’s Chief Technology Officer.

He adds that another important differential of the new product is the possibility of taking advantage of the infrastructure of switches and routers already installed, in order to increase the DWDM transmission rates without large investments. “It's a good option for providers that are starting to build their own transport networks”, he says.

Carlos Raimar, Padtec’s CEO and Investor Relations Officer, points out that the development of the new solution is in line with the company's commitment to constantly invest in the evolution of its product line in line with market demands. “With a more affordable cost, the advantages of DWDM are within reach of regional network operators who need to meet their customers' ever-increasing demands for bandwidth and new services”, says the executive. “This launch reinforces our commitment to providing solutions that, in addition to being innovative and using state-of-the-art technology, support the evolution of our customers' businesses”, he concludes.

About Padtec (www.padtec.com)

Padtec is a global provider of state-of-the-art solutions for optical, flexible and high-capacity transmission, based on DWDM technology. A reference in optical transport systems, Padtec offers an extensive portfolio of products for corporate access, DCI, metropolitan networks and long-distance multi-terabit networks, which meets the end-to-end demands – in transmission, optical amplification and route protection – of large operators, integrators, carriers of carriers, utilities and service providers. Padtec's service unit, today with more than 40 points of presence in Latin America, operates in the implementation, operation and maintenance of systems and in the management of optical networks. The result of a strong vocation for research and development, Padtec's pioneering technology travels great distances and challenges limits to connect the world intelligently.