



PRESS RELEASE
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Cube Optic's Green IT Solutions are driving Energy Costs down

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The backbone of conventional active transmission solutions is the optical data network. Deployments are power hungry require significant spares stocking and demand regular maintenance. The alternative to this approach relies on passive transport solutions. CUBO's high capacity, passive optical solutions provide the optimal energy conservation: they need no power at all and heat dissipation issues do not exist. With the application of CUBO's passive optical components, extending electrical power consumption in access networks is completely eliminated. Additional energy savings are also achieved by capping air conditioning requirements. The combination of these benefits with the durability of the solutions explains the success of CUBO's systems at Europe's leading service providers. Top tier network operators depend on CUBO's solutions in their present and new generation access networks. CUBO is enables roll out of reliable and profitable quad play, FTTx, PON and Ethernet services to residential and business customers.

Minimising CAPEX and optimising OPEX expenditures are the priorities in today's networks. Basing transport on passive WDM systems does not only lead to drastic CAPEX savings compared to active transport solutions but directly reduces OPEX as there are fewer maintenance-related aspects to manage. The costs of maintenance and spares are all too often overlooked and for most deployments are a very significant ongoing expense. Maintenance is unavoidable with active solutions where a product lifetime may often be limited to just a few years.

CUBO's passive optical solutions are manufactured entirely in Germany under the most exacting of manufacturing conditions. For example, of the well over



10,000 CUBO multiplexers installed in the field to date, CUBO boast perfect performance with the defect rate of absolutely zero.

Concerns over climate change and its impact on our way of life grows daily. Consequently, the demand for environmentally friendly and energy efficient solutions is destined to explode in the coming years. CUBO is already at the forefront of Europe's new generation optical access network deployments today.

The patented CUBO manufacturing process allows the unsurpassed miniaturization of optical networking components leading to the smallest WDM footprint yielding the highest level of optical density available on the market today. This compact and convenient to install package provides network operators with significant installation and space savings in all formats of street cabinet, cable chamber and equipment room typically encountered today. CUBO's components are modular, protocol independent, equipment interoperable and capacity scalable to future-proof network expansions.

For more information visit: www.cubeoptics.com.

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