

TANGIER FREE ZONE CHOOSE AN MPO SOLUTION FOR THEIR NEW DATA CENTRE



The fast installation of Nexans' multi-fibre push on (MPO) solution enables one of the main Moroccan free trade zones to complete the installation on time.

Strategically placed 15 km from Europe and 12 km from the port of Tangier, the purpose of the Tangier Free Zone (TFZ) is to offer its clients an investment possibility in a protected environment. Industrial investors benefit from an advantageous tax system and free repatriation of profits and capital.

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Challenges

- Construction of the largest data centre in the region
- Time frame constraint
- Simplify control
- Ensuring simple and efficient operation

Solutions

- LANmark-OF MPO LC single mode data solution
- Telephone solution with 183 CAT3 50 port panels
- 48 Nexans Quick Mount 42HU 800x800 cabinets

Benefits

- Fast installation with reduced on site interruptions
- Simplified design and management
- Total 25 year system guarantee

In order to ensure automatic control to more than 300 companies, TFZ has built the largest data centre in the region. This centre, managed by CIRES TELECOM, offers clients the possibility of selecting the services of the operator of their choice. The new building on the ground floor includes, alongside the data centre, four operator interconnection rooms containing fibre optic and copper distribution.

TFZ has chosen to invest in a telecom structure unique to Morocco in order to offer the best service quality to clients in the zone. Mr. Laurent Delfour, Technical manager of CIRES TELECOM, explains:

“The most efficient operation possible must be ensured. A distribution solution was chosen which enables the best visibility on connections between the clients and the operators. To do this, efficient connection solutions have to be put in place which guarantee minimum signal loss, are easy to install and above all which require less maintenance.”

The Nexans technical team provided all the support needed during this study phase by working with CIRES TELECOM and a consultant. Given the reduced time frames to set up this project, Nexans proposed a pre-connectorized “multi-fibre push on” (MPO) fibre optic solution.

The technical file included detailed diagrams of all the distributor cabinets as well as optimizations and suggestions.

With guaranteed installation time, technical support and a

25 year warranty from the supplier, TFZ chose Nexans and the MPO solution.

Fast solution for data centres

The MPO solution offers a complete range of pre-connectorized and pre-tested assemblies which enable the current requirements of data centres to be fulfilled. Installation time is reduced by 80% compared to traditional connection methods. In addition this MPO solution does not require any specific installer training or tool kit and avoids connection errors on site.

137 high density MPO adapter panels were installed in total, equipped with single mode LC cassettes. 560 single mode LC jumper wires and 200 MPO-MPO cords complete the installation.

Laurent Delfour concludes:

“ Following installation of this cabling solution, CIRES TELECOM has decided to train its technicians to obtain the certification in order to continue to work with Nexans.”