



Fiber Optic Network Design Engineer

Municipality of Pallini, Attica, Greece
Design & Engineering
Full time

Description

Co-creation, development, and evolution never stop.

And neither do we!

Team up with VICTUS Networks and take the exciting opportunity to be a member of our Network Design & Engineering Team!

Job Description

The primary responsibility of the FO Network Design Engineer will be to work with the rest of his FO design teammates in order to support the FO design and expansion of the present FO Network to handle Mobile Network FO Backhaul-related needs. This will be accomplished by co-operating with D&E teams of other functional areas (Capacity planning & Backhauling, F/O Implementation, etc) to support the Optical Mobile Backhauling Network.

Emphasizing on the health and safety of our employees and candidates, we continue our recruiting initiatives through virtual interviews, keep on accomplishing our mission of bringing people together through our networks.

Requirements

Key Tasks & Responsibilities

The candidate will report to Transport Technologies & FO Networks Manager and should be a holder of a Greek Bsc degree (or foreign equivalent degree) relevant to mobile communications.

The following tasks shall be required from the candidate on a daily basis:

- *Create, Update & Maintain High & Low level FO Network Design to support all E2E FO related works for Mobile Network FO Backhauling demands, including Backbone FO Network part*
- *Create, Issue and File all the related FO Design & Engineering Work Orders, addressing the E2E FO connectivity needs for Sites/Transport Equipment which shall be serving Mobile Network needs*
- *Handle Transport Equipment dispatch activities from Warehouse to Sites and liaison with FO Deployment & Transport Vendor teams for their proper Installation, Activation and E2E Service Provisioning*

- *Update & Maintain FO Network inventory for all FO NW elements (including but not limited to fiber pairs allocation / their intra-span and E2E provisioning, FO splices/related works design, Optical Distribution Frames and their selves & related FO termination and assignment, etc)*
- *All above tasks, shall require developing significant expertise and dexterity in working with GIS FO (inc Google Earth) & Visio tools in order to map FO design & related works to FO Network Maps*
- *On top, familiarity with FO Design related Infrastructure parameters (Optical Power Budget studies, Splicing & Optical Patching, Evaluation of OTDR/Power Meter/PMD/CMD measurements) shall be needed in order to support the daily workload.*
- *Coordinate with his FO & MW Design team's Victus teammates to manage E2E FO Feasibility requests and timely delivery them within strict & pre-agreed SLAs*
- *Coordinate & liaison with MW & IPMPLS Victus Design & Engineering teammates to ensure that the E2E Mobile Network Backhaul Service is properly designed and delivered*

Mandatory

- *The candidate holds a BSc/MSc in Electrical/Electronic Engineering or Physics (4-5 year course, with Specialization on Telecom/Electronics/Optics)*
- *Has good command of Greek and English language (spoken and writing)*
- *Has strong communication skills (both written and oral) and is eager to learn and work in Fiber Optic Networks Design*
- *Has high proficiency with Microsoft Word, Excel, Visio, and other Microsoft applications*
- *Has excellent people skills to establish a good rapport with other teams, suppliers and team's colleagues*
- *Has analytical thinking, problem solving & project management skills.*

Highly desirable

- *Has at least 2-3 years' experience in Fiber Optic Network Planning & Design, in Greece or abroad*
- *Is familiar with Ericsson/Siemens/Nokia/Huawei SDH MUX & DWDM and Huawei / NSN MW equipment & systems.*
- *Has prior Knowledge/Experience in other Transmission & Transport areas (such as GPoNx/xWDM//xDSL)*
- *Is familiar with Huawei 2G/3G/4G mobile radio systems.*
- *Is familiar with database technologies (MS Access / Microsoft SQL) for accessing TN Tools and Databases, esp through scripting*
- *Has the CCNP certification or has acquired equivalent IP/IPMPLS knowledge level, as this shall prove mandatory to meet position requirements efficiency & productivity needs*

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