**JOB DESCRIPTION**

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| **JOB TITLE:**  | Network Transmission Engineer |
| **HOURS OF WORK:** | 37.5 hours per week |
| **REPORTS TO:** | Fixed/Mobile Network Convergence Manager |
| **WORKING WITH:** | Product, Access Networks, Service Operations, Service Design and Mobile Networks |
| **DEPARTMENT:** | Fixed Mobile Convergence |
| **LOCATION:** | Guernsey |

## JOB PURPOSE

* Responsible for the design, commissioning, operation and maintenance of the active equipment in a fibre XGS-PON network and the management systems.
* Assist with the design, operations and maintenance of transmission systems including WDM, submarine cable systems and point-point radio links.
* Support the team as required with “legacy” systems, SDH, System X, internal DC Power systems and broadband xDSL MSAN infrastructure
* Assist the Fixed Mobile Convergence team with new projects and network evolutions.

## MAIN DUTIES AND RESPONSIBILITIES

* Design, installation and commissioning of FTTP (Fibre to the Premise) active equipment and new transmission equipment.
* Perform fault diagnostics and resolution of customer and network faults.
* Support for both hardware and software upgrades on relevant networks.
* Assist with the decommissioning of old equipment assisting with and coordinating resource for it’s removal.
* Provide support where necessary to System X and SDH engineering team.
* Assist with innovative Fixed Mobile Convergence projects for feasibility, RFI/RFP, commissioning, integration and testing.

**In addition, the person will be required to**

* Understand and comply with the licence and other regulatory rules applying to the position.
* Understand and comply with the Data Protection Law as it relates to the position
* Understand and comply with the Health and Safety responsibilities relevant to the role as defined in the Sure Safety Policy
* Work in accordance with the safety procedures and safe working policies of Sure
* Undertake appropriate security awareness training covering information security, data protection, financial crime and payment card data and comply with their information security responsibilities. This awareness training includes understanding of the incident reporting process to be followed in the event of the employee suspecting, causing, or discovering an information security incident.

Due to the nature of this position, the postholder must hold a satisfactoryBasic Police Disclosure. All disclosures of a criminal background are treated with the strictest confidence and checks will only be made in connection with suitability for a post and for no other purpose.

Convictions likely to be considered relevant to this post include dishonesty and those indicating a breach of trust, due to the security requirements of the role*.*

Please note that disclosure of a criminal record will not necessarily debar you from employment in this post – this will depend on the nature of the offence/s and the circumstances surrounding it/them.

**THE WAY WE DO THINGS**

* We work together as One Team,
* We strive for Customer Satisfaction,
* We are Reliable,
* We have a Passion for Technology & Learning
* We are Community & Sustainability Focused

## SKILL REQUIREMENTS

Essential

* Understanding or willingness to understand broadband xDSL and XGS-PON networks.
* Understanding or willingness to support transmission systems such as WDM, SDH, radio links, submarine cable systems etc.
* Good level of competency with computer-based systems and ability/willingness to learn new systems.
* Self-motivated with the ability to work as part of a cross-functional team.
* Desire to learn new technologies through both formal and self-learning and ability to adapt to an ever-changing technical environment.
* Flexible approach to work and participation in a callout rota.

Highly Desirable

* Knowledge of broadband, mobile and access networks.
* Understanding of IP networks, routers and switches.

**Personal/Behavioural attributes:**

* Good communication skills both written and verbal.
* Diligence and attention to detail are key skills along with ability to multi-task and prioritize work appropriately.
* Eager and quick to learn new skills and technologies.
* Able to use their initiative to tackle a broad range of problems.
* Ability to work either as part of a team or independently as and when required.
* A cheerful and optimistic attitude to work.
* Good interpersonal skills with both internal and external customers.
* Calm and controlled under pressure