

FTTH Designer

A Fiber-to-the-Home (FTTH) Designer is responsible for planning, designing, and mapping the infrastructure for FTTH networks. He or she ensures that FTTH networks are efficiently and effectively deployed to provide high-speed internet and communication services to residential areas.

Key Responsibilities

- Collaborate with project managers and engineers to determine the scope and requirements of FTTH projects
- Analyze customer needs and assess the feasibility of FTTH network deployments in specific areas
- Review site survey data collected by site survey specialists to understand site conditions, potential challenges, and opportunities
- Create detailed network design plans that include fiber optic cable routes, equipment placement, and configurations
- Select the most efficient and cost-effective routing options, considering existing infrastructure and minimizing environmental impact
- Choose the appropriate FTTH equipment, including Optical Network Terminals (ONTs), optical splitters, and distribution frame
- Ensure that the selected equipment meets performance requirements and integrates seamlessly with the network
- Maintain comprehensive records of network designs, including diagrams, layouts, and equipment specifications
- Estimate the budget required for the FTTH project, considering material costs, labor, and any additional expenses related to the design
- Stay up to date with the latest FTTH technologies, industry trends, and best practices to enhance the quality of network designs

The qualified candidate will become a member of an experienced team, report to internal project leads and work on:

- Fiber networks High-level planning and designing
- Preparation of Low-level detailed design and build plans, example : splice cards; Fiber allocation; management of databases of our client in combination with other available information (street survey information, ongoing projects, ongoing synergy projects, protected buildings)
- Creation of simulations and designs, using specialised software tools
- Designing and following-up design-activities for one or more FTTH-deployment projects in Belgium
- Basic qualifications and experience
- Bachelor's degree or higher in Engineering or similar
- Working experience in FTTH network planning and design
- Knowledge of GIS tools : QGIS, arcGIS
- Knowledge of Windows & MS Office (Excel, Word, Outlook,..)
- Interested in Fiber Telecoms and Fiber Networks

- Fluency in English (spoken & written)
- Be a team player with good communication skills
- Flexible and stress resistant
- Able to stay positive and constructive under difficult circumstances
- Analytical insight
- Favoured qualifications and experience
- Dutch or French is a plus.
- Knowledge of CAD software: AutoCAD
- Working experience in COMSOF or similar specialised software tools

What do we offer

- Permanent employment contract
- Highly competitive salary
- Mobile phone subscription
- Health insurance
- Year-end bonus
- Meal vouchers
- Great working environment
- The opportunity to work in an experienced, motivated, and agile team

Become part of our team,
apply now.

About Heta

Heta is a fast-growing company specialized in engineering and project management. Based in Belgium and offer to clients a comprehensive range of environmental expertise, from initial strategy to project completion. Heta offers a full range of services such as consulting, outsourcing and in-housing employees.

Contact us

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