

## **Embedded software developer (Industrial network products and solutions)**

OTN Systems, located in Olen, Belgium, develops and markets the Open Transport Network (OTN) and XTran (Excellence in Transport) telecommunication equipment, dedicated to the operational telecommunication departments of metros, light-rails, oil & gas, mining, ITS (intelligent highways, tunnels & bridges), ports, utility companies, public safety and industrial campuses. With OTN Systems' unique products, it is possible to integrate different existing applications for voice, data, LAN, video, SCADA, etc. into one high-speed network with a fibre optic backbone. More specifically, the OTN Systems products are at their best when it comes to mission critical networking. This is made possible by strong investment in product development and a highly skilled workforce, resulting in a unique product portfolio based on cutting edge technology.

The OTN products are at their best when it comes to mission critical networking. This is made possible by the strong investment in product development.

To reinforce the embedded software team, OTN Systems is currently looking for an enthusiastic

(m/f):

### **Embedded software developer**

You will work in the 'embedded software team' of the R&D organization. You cooperate in the research, design, development and maintenance of the software which runs on the network hardware components (nodes). Your main interfaces are the R&D development teams (hardware, network management software and test), the service organization (technical support for customers) and product management.

#### Responsibilities:

- Researching, designing, developing and module testing of (new) embedded software:
  - mainly embedded software required for the start-up, configuration and monitoring of the network hardware;
  - including hardware driver development;
  - the embedded software has to communicate with the windows management system software.
- Analysis of requirement specifications and creation of technical specifications.
- Workout innovative embedded software solutions/architectures to comply with requirements.
- Where necessary select internal and external embedded software components that have to be integrated into software systems.
- Constantly updating technical knowledge and skills by attending in-house and/or external courses, and following up new applications and development platforms evolutions.
- Introducing new technologies and platforms into the development activities of the R&D group.
- Constantly optimizing the R&D development activities.
- Estimating development efforts accurately based on experience and analysis.

#### Profile:

- Bachelor or Master of Engineering, Master of Information Sciences or equal by experience.

- Experience in embedded software system design, and more specific (real-time) Linux platforms.
- Knowledge of C++ and Python.
- Experience in object-oriented analysis and design.
- Experienced with setting up unit- and component testing.
- Some experience with static code analysis would be appreciated.
- Fluency in English.
- Dutch language skills desirable.

#### Competences:

- Analytic ability.
- Assessment ability.
- Initiative.
- Accuracy.
- Cooperation.
- Result orientation.
- Stress resistant.

#### We offer:

- A competitive salary with extra-legal benefits.
- A stimulating and challenging environment.
- A team where real team-players feel at home.
- A company that values the contribution of every employee.
- An office address that is reachable without traffic-jams.

#### Interested?

- Send an e-mail to [Gretel.goessens@otnsystems.com](mailto:Gretel.goessens@otnsystems.com)