

Do you see things in a **different** light?

At FLIR Systems, we do. We're the world's largest producer of commercial thermal imaging systems and we are growing at a fast pace. Our ability to see in total darkness and through smoke, fog and other obscurants provides a unique capability to clients around the world.

FLIR Systems was established in 1978 in the USA to pioneer the development of high performance infrared imaging systems. Today, FLIR Systems is the world leader in the design, manufacturing and marketing of thermal imaging systems for a wide variety of commercial, industrial and government applications. FLIR Systems is a high technological company traded on NASDAQ ("flir") and employs worldwide about 3.500 employees.

FLIR Intelligent Transportation Systems (ITS) with HQ in Marke (Belgium) is revolutionizing how traffic flows on roadways throughout the world. Traffic managers use intelligent technology from FLIR ITS to monitor and manage traffic streams. Be it for monitoring motorists and pedestrians in urban areas, for detecting incidents on highways and in tunnels, or for traffic data collection, FLIR's intelligent Video Detection and Monitoring Solutions enhance traffic safety and mobility on a daily basis. Taking full advantage of the unrivalled benefits of thermal imaging, FLIR ITS also contributes to increased safety and efficiency in public transportation. Our dedicated intelligent sensors for level crossing detection, platform safety, tunnel intrusion, fire detection, ... help public transportation operators to take the necessary safety measures.

To further strengthen the Research & Development team in Marke, FLIR ITS has a unique and exciting career opportunity available for a talented and experienced :



Senior Embedded Software Engineer C++ *FLIR Intelligent Transportation Systems*

YOUR MISSION

- In the R&D department you will be part of a dedicated multidisciplinary Embedded Software Development team contributing to major development projects. You will be designing and implementing software for a wide range of innovative and exciting product applications and cutting-edge technologies (including e.g. V2X, WiFi Scanning, Powerline Communications, Radar, Deep Learning, Thermal & Visual Sensors, Advanced IP-Networking etc.).
- You will be responsible for developing and managing a cross-platform C++ Application Framework, an Embedded Linux Development Environment and Typescript/Angular Web Applications.
- You will work closely together with Hardware, Testing and Detection (algorithm development) teams in the R&D department. You will deliver hardware support and participate in hardware architecture design and hardware prototype testing.
- In view of reliably and efficiently delivering high-quality software you will be using the latest development methodologies and tools, including e.g. Unit Testing, Functional Testing and Integration Testing.
- You will report directly to the Embedded Software Teamleader.

OFFER

Selected candidates can look forward to a competitive salary and other benefits in an expanding, dynamic and stimulating international and high-tech work environment with attractive growth and development opportunities. You are ready to take on the challenge and contribute to building one of FLIR System's competence centers for embedded software development.

INTERESTED?

Send your application letter and CV to Search & Selection for the attention of Mr. M. Van Beethoven. E-mail: m.vanbeethoven@searchselection.com

You can also register on-line on our website <http://www.searchselection.com> and apply directly for this vacancy by selecting 'Jobfinder' and filling in reference number : 11587.

YOUR PROFILE

- To qualify for this role you probably have a degree in Computer Science, Software or Electronic Engineering or similar with C++ (11/14/17) experience and proficiency in Software Architecture and Software Design Patterns as essential skills.
- You preferably have a relevant experience in designing, implementing and debugging software for embedded systems. Basic knowledge electronics and software development experience in hardware control are a plus.
- You are comfortable working in Linux as a development and deployment platform.
- Basic experience in Scripting (Python, Bash...) and knowledge of Web Applications (HTML, JavaScript, TypeScript, Angular...), test methodologies and video encoding/decoding/streaming are an advantage but not essential.
- You are a result driven professional with a strong sense of ownership and high level of responsibility and dedication.
- You have a real thirst for new technologies and for software development best practices.
- You are fluent in English with knowledge of Dutch as an asset.
- You are residing in or willing to relocate to Belgium (Flanders).

