

Join Our Team as a Wireless Communications Engineer at Intracom Defense (IDE)

About Us

Join **Intracom Defense (IDE)**, Greece's top tech defense company.

Our mission? To innovate, create, and deliver cutting-edge technology on a global scale.

At IDE, we research, design, develop, and manufacture groundbreaking products, systems, and solutions in sectors such as Tactical Communication and Information systems, Missile Electronics, Surveillance solutions, Hybrid Electric Power systems, Next-gen Unmanned Air and Sea platforms and disruptive technologies (such as Artificial Intelligence, Cyber Security).

As a key player in international defense, IDE is a registered NATO supplier and participates in international development and production programs, as well as in industrial cooperation programs for the defense sector.

Last but not least, IDE is a trusted and leading company in EU research and development programs, where research and innovation are the key elements for the upcoming technological breakthroughs.

In IDE we invest in people and technology!

We're not just about defense— we're about shaping the future!

 **Location:** Koropi, [East] Suburbs

 **Working Model:** Flexible Hybrid

 **Growth Opportunities:** Access to continuous learning, professional development, and career advancement pathways

 **Reporting to:** Software Development Section Manager of the Products Development Department

Why you Should Join Us:

We're on the lookout for a **Wireless Communications Engineer** who's not just a talented professional but a business-oriented mastermind with the determination to cover the customer needs and the passion for making things happen. If you're ready to take the lead and drive innovation, IDE is where you belong.

What You 'll Be Doing:

- Capture technical requirements and derive technical specifications and KPIs for baseband physical layer functionality.

- Participate in System Design and System Architecture tasks.
- Have key role in Physical Layer modeling, design, prototyping and design verification testing, with emphasis on baseband algorithmic design, implementation and assessment.
- Develop accurate simulation environment testbeds, such as wireless channel models, digital and RF impairments models, etc.
- Perform bit accurate modelling and generate implementation architectures for the target device.
- Implement algorithms in System on Chips (SoCs) and/or in processors, following established workflows.
- Participate in Design Verification testing activities in the lab and in field trials.
- Prepare appropriate documentation as required.

What's in it for You:

- Friendly and Dynamic Working Environment.
- Competitive Remuneration package directly dependent on the candidate's qualifications and experience.
- Opportunities for Continuous Learning of state-of-the-art technology and career development.
- Private Health Insurance.
- Corporate transportation from metro stations.
- Onsite dining facilities.
- Work-Life Balance initiatives.

Qualifications & Experience

Required:

- M.Sc. in Electronics/Electrical/Telecommunications Engineering or an equivalent qualification from a recognized institution, with justifiable knowledge on digital wireless communications theory and applications.
- Proven working experience in Signal Processing, Baseband Modem algorithmic design and related KPIs assessment for wireless applications using the MATLAB and/or Simulink toolchain.
- Experience with Software Defined Radio architectures and platforms such as RF agile transceivers and SoCs.
- Established bit accurate modelling methodology for baseband algorithmic signal processing blocks.
- Experience in C/C++ programming for embedded applications.

Desired:

- Proven multi-disciplinary experience in wireless R&D, hardware-software co-development focused on the PHY and MAC layer of radio

technologies, baseband digital communications engineering, algorithm and protocol development, high-level ADC/DAC & RF engineering, link level systems modeling, etc.

- Familiarity with Model Based Design flow using MathWorks tools for co-simulation and HDL or C code generation.
- Experience with Xilinx embedded development environment (Xilinx SDK/VITIS, Xilinx Vivado HLS).
- Experience in embedded development tools (e.g. JTAG emulators, logic analyzers, oscilloscopes, etc.).

Key Competencies:

- Strong analytical and problem-solving skills.
- Willingness to take initiative and motivation to drive results.
- Very good planning and time-management skills.
- High sense of accountability and great ability to work effectively both independently and within a team.
- Remain tactful and diplomatic to maintain a good working relationship with the development team all the time.

Ready to Join Us?

At IDE, you're not just taking a job—you're stepping into a career where you can grow, innovate and make a difference.

If you are ambitious, and ready to take on the challenge, we want to hear from you!

All applications will be treated with strict confidentiality.