

Director of Digitalization Projects and Engineering

Livingston

GLOBAL OPPORTUNITY:

The *Internet of Things* (IoT) is disrupting industries on a global scale. It enables a step-change in the way we organise, from work practices and leisure activities through to how industry is run. At the same time, we face many challenges relating to our environment, and it is accepted that we cannot continue using the planet's resources in the way we have been doing since the previous industrial revolution. IoT technologies are widely regarded as key to delivering the improvements needed for environmental protection, for society and for industry.

While progress of the IoT revolution has been impressive, to date it has been unable to address the oceans and the underground environment – the *ExtremeEdge*[®]. This is because conventional low-cost wireless technology does not penetrate water and ground.

WFS Technologies (www.wfs-tech.com) has developed the building blocks to extend IoT to the *ExtremeEdge*. Our *Seatooth*[®] and *TerraTooth*[®] wireless communications and power management underpin *Subsea Internet of Things* (SIoT[®]) and *Underground Internet of Things* (UIoT) – architectures that extend wireless IoT networks seamlessly through water and through ground, providing a low-cost alternative to cables, connectors and buoys.

We deliver SIoT and UIoT products and services to the Ocean Industries and Smart Cities markets. We help our customers to improve safety, improve environmental performance, reduce asset integrity management costs, increase productivity and reduce capital costs. Our innovations and designs are secured by a large patent portfolio.

We are seeking experienced, innovative professionals to join our team to support the design, build and delivery of the latest generation of smart wireless devices and solutions.

This is a unique opportunity to join the world leader in a fast-growing market. This leadership role, based at our Livingston HQ, offers the chance to use your skills and experience to make a real impact in what will become a global market.

Role

This role manages client Digitalization and Engineering projects. Project management responsibilities include the coordination and completion of projects on time within budget and within scope. Oversee all aspects of projects. Set deadlines, assign responsibilities and monitor and summarize progress of project. Prepare reports for upper management regarding status of project. Engineering management responsibilities include recruiting, developing and leading various engineering disciplines and software application engineers to resource the technical requirements of a digitalization project.

The successful candidate will work directly with clients and their internal project function or selected EPC's to ensure deliverables fall within the applicable scope and budget. He or she will coordinate with other WFS departments and partners to ensure all aspects of each project are compatible and will hire new administrative and engineering talent as needed to fulfill client needs.

Require a bachelor's engineering degree and 5-10 years of experience in the Energy and /or Ocean industries or in IT, OT and ET. Familiar with a variety of the field's concepts, practices and procedures. Rely on new technologies, experience and judgment to plan and accomplish goals. Perform a variety of tasks. Lead and direct the work of others. A wide degree of creativity and latitude is expected. Will report to CEO of WFS. Enhance projects and engineering department and organization reputation by accepting ownership for accomplishing new and different requests; exploring opportunities to add value to job accomplishments.

Responsibilities:

- Assist in the business development/Sales function definition of project, objectives and system architecture, involving all relevant stakeholders and ensuring technical feasibility- from small engineered to order projects to £multi-million.
- Oversee and support all engineering and project management estimates, response to project RFP's and bid proposals
- Coordinate internal resources (local and WFS HQ) and third parties/vendors & subcontractors for the flawless execution of projects
- Ensure that all projects are delivered on-time, within scope and within budget
- Ensure resource availability and allocation- recruit full time and/or subcontract
- Develop a detailed project plan to monitor and track progress
- Direct Technical reports: Project engineers, I,E&C Engineers, Process, Mechanical& Civil Engineers, Application software engineers, System Architects,
- Manage project and engineering resource utilization to a target of 85%
- Manage changes to the project lifecycle scope, project schedule and project costs using appropriate verification techniques
- Measure project performance using appropriate tools and techniques
- Report and escalate to management as needed
- Manage the relationship with the client and all stakeholders
- Perform risk management to minimize project risks
- Establish and maintain relationships with third parties/vendors/subcontractors
- Create and maintain comprehensive MIC project procedures, methodologies and documentation
- Meet with clients to take detailed ordering briefs and clarify specific requirements of each project
- Delegate project tasks based on junior staff members' individual strengths, skill sets and experience levels
- Track project performance, specifically to analyze the successful completion of short and long-term goals
- Meet budgetary objectives and make adjustments to project constraints based on financial analysis

- Develop comprehensive project plans and schedules to be shared with clients as well as other staff members
- Use and continually develop leadership skills
- Attend conferences and training as required to maintain proficiency
- Perform other related duties as assigned
- Develop a Project Management Framework: spreadsheets, diagrams, work flows, IT tools and process maps to document needs

Requirements:

- Proven working experience in project management with both hardware and software integration requirements.
- Excellent client-facing and internal communication skills
- Excellent written and verbal communication skills
- Solid organizational skills including attention to detail and multitasking skills
- Strong working knowledge of Microsoft Office
- Project Management Professional (PMP) / PRINCE II certification or UK APMP: The APM Project Management Qualification (IPMA Level D, SCQF Level 7)
- Bachelor's Engineering Degree in appropriate field of study or equivalent work experience

Project Manager top skills & proficiencies:

- Developing and Tracking Budgets
- Coaching
- Supervision
- Staffing
- Project Management
- Management
- Process Improvement
- Planning and scheduling -Primavera
- Performance Management
- Verbal Communication

BENEFITS:

- Company Pension Scheme
- Company Share Options Scheme
- Cycle To Work Scheme
- 33 days holidays per year (inclusive of public holidays)

To apply, please send a CV and covering letter to: jobs@wfs-tech.com detailing which position is relevant to your application in the subject line of the email