



Job Description

Position:	Embedded Software Developer Integration
Directly reports to:	Engineering Manager (India)
Reports (dotted-line) to:	Head of Software (UK)
Direct reports:	
Regularly interacts with:	<p>Internal:</p> <ul style="list-style-type: none"> • Software Development Manager • Technical Team Leader • Software Team Members • Hardware Team Members • Test Team Members • Project Manager
Primary location:	Gurugram, India
Travel requirements:	None
Role description / primary responsibilities:	<p>As Software Developer you will be required to:</p> <ul style="list-style-type: none"> • Participate in firmware specification development, firmware architecture, design, code development, debugging, module integration, participation in code reviews, documentation, unit/integration/system testing, and other assigned Engineering tasks. • Perform design & code analysis utilizing appropriate tools. • Delivering to objectives including meeting deadlines, develop and debug new firmware for Energy meters. • To read schematics and datasheets and translate that to application code. • Understand hardware and firmware interactions and collaborate with Hardware Engineers. • To work with Software Development Manager and Technical Team leader to design, develop and deliver high quality, scalable, robust, maintainable, and secure embedded system products, primarily in 'C'.

Experience and skills required:	Skills and Experience <ul style="list-style-type: none"> • Minimum 10 years experience of using embedded C in systems with limited resources (less than 512K program space) • Experience and knowledge of unit and functional testing and advocate of test-driven development • Practiced user of configuration management tools. • Experience handling or implementing Manufacturing tools for testing. • At least 5 years' experience in metering Industry. • Embedded C programming and debugging experience at the hardware level • Hands on experience with test equipment including scopes, analyzers, and multi-meters. • Experience with code management tools like Git. • Experience in Designing Firmware Architecture and Integration of communication technologies like 2G/3G modem (GPRS), Zigbee with meter to provide smart metering solutions. • Knowledge of metrology and DLMS protocol. • experience in Embedded C based SW development on microcontroller platform(Preferably MSP430/Renesas RL8). • Experience with micro-controller peripherals including I2C/SMBus, UART, SPI, ADC converters etc.
Personal attributes:	<ul style="list-style-type: none"> • Enjoy working within a start up culture. • Highly motivated and determined to succeed. • Strong commitment to making the company a success. • Ability to deliver work on time • Attention to detail and driven by quality. • Able to switch between several tasks efficiently. • Relish technical challenges. • Self-starter.
Qualifications:	<ul style="list-style-type: none"> • Required: Degree or equivalent in science or engineering. • Preferred: Higher degree or equivalent in science or engineering.

