JOB TITLE: Test Engineering Manager

DEPARTMENT: Engineering

REPORTS TO: VP Engineering

In this exciting role, you will have overall responsibility for managing the evaluation, recommendation and implementation of testing procedures and strategies for software, products, systems and solutions in the Telematics, IoT and Full Stack spaces. You will be managing a team of high performing intermediate and experienced professionals in Test.

DUTIES AND RESPONSIBILITIES:

· Provide overall direction to the test engineering team regarding projects, tasks, and operations.

· Lead the conceptualization, development, and implementation of system test platforms for testing software and systems for satellite/cellular modem products and full stack software solutions.

· Develop and maintains the test process, software tools and workflow for test engineering.

· Provide support for hardware and software integration and regulatory testing.

· Develop test strategies, generates test plans, and manages test execution of testing tasks to support the development of custom software, systems, and products.

· Develop test automation software for IoT products and full stack software solutions.

· Develop the roadmap for test automation software and infrastructure.

· Responsible for handling all aspects of testing including design validation, maintenance, and generation of test automation software, developing documentation for testing, and providing reports to engineering, business and other functional groups of the company.

· Act as a liaison to other engineering functions.

· Ensure testing aspects of projects are completed on time and within budget.

· Manage subordinate staff in the day-to-day performance of their jobs.

· Mentor members of the team in software development, testing methods, and root cause analysis.

· Directly supervise the test engineering team within the Engineering Department.

. Perform other related duties as assigned by management.

QUALIFICATIONS:

· Bachelor's degree (B.S.) in Computer Science, Computer Engineering or Electrical Engineering plus 5+ years of experience.

· Knowledge of embedded software and Linux OS.

· Programming experience in C, C++, shell scripts, python and related programming languages.

· Capable of managing customer interactions and issue resolution.

· Strong ability to manage in multi-site, multi-discipline collaboration.

· Experience with RF, networking and hardware analysis tools (i.e. oscilloscope, spectrum analyzer, function generator, etc.).

· Demonstrated capability in testing fundamentals and methodologies.

· Experience in building testing frameworks, tools and automation.

· Experience with modern software work flow (Requirements, Test Planning, Test Execution, Rework, Deployment, CI/CD).

· Experience with modern software development tool set (i.e. Jira, Confluence, XRay, Test Case Management, Traceability Matrix, or similar).

· Understanding of board-level design documentation and test plans.

· Direct experience in testing satellite, cellular and/or networking products in the past is a plus.

· 1-3 years leadership experience is preferred.