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D&S Consultants, Inc. (DSCI), an employee-owned company, has immediate openings out of its Corporate Offices in **Eatontown, New Jersey:**

Job Req #: 081045419ISR

Job Category: Embedded Real Time Software Engineer

Ability to Obtain Security Clearance: YES

Currently Possess Security Clearance: NO

US Citizen: YES

Location: Orlando, FL

Relocation Available: No

% Travel: Up to 25%

Division: Intelligence Surveillance Reconnaissance

General Description: Researches, develops, designs, documents, models, writes and tests software for real time embedded systems for commercial/industrial, and government/military purposes.

Develops specification of software and software subsystems, design of external and internal interfaces to software and hardware components, input to software documentation, integration of hardware components, test and diagnostics development. Conducts trade off analysis of requirements for performance and operating characteristics versus costs and risks.

Specific Description: Work with a product development team to support the design, build and test of a video injection device used to simulate tracer rounds and burst for the MILES CVS program. Candidate should have experience designing and developing software for embedded real time systems. A hardware oriented background is preferred. The candidate should have embedded Linux experience. Experience with Monta Vista DevRocket and Texas Instruments Code Composer a plus. The candidate will also work with research team on various internal R&D programs.

The candidate should have Bachelor's or Master's Degree in Electrical or Computer Engineering or Computer Science. 1 to 5 years of experience is desired. The candidate should possess strong software development skills and understand operational requirements as he or she will generate detailed software specifications, software design

documentation and software code. The candidate must be able to interpret requirements and specifications to accurately develop solutions to program needs.

The candidate is expected to be able to work independently as well as with other team members. Candidate should have excellent verbal and written communication skills and the ability to work in a team oriented product development organization. The position is responsible for performing development evaluations, analysis, design, coding and testing of real time embedded software systems. Candidate must possess comprehensive knowledge of the principles, practices, and procedures associated with software design, development, and testing.

