Where engineering meets ingenuity…

**AEGIS System Engineer**

TSC has an excellent opportunity for a radar and digital signal processing (DSP) systems engineer in the Washington DC area to support client programs. The ideal candidate will be capable of working individually or as part of a team in a very dynamic environment. Duties will include support for technical management and systems engineering processes, including technical expertise in the areas of radar signal processing, radar detection, tracking, and discrimination for surface, air, electronic warfare, and Ballistic Missile Defense (BMD) operations. Subject matter expertise shall include RF and microwave technologies, including microwave tubes and transmitter/amplifier technologies that include solid-state technologies, as well as radar architecture designs and upgrades, including radar data, signals, networks, and messages. This position will require some travel and direct interaction with industry developers and government customers.

**Responsibilities**

- Technical pursuits within existing government acquisition projects
- Perform system definition and acquisition planning for intelligence, surveillance, reconnaissance and communications system development programs directly supporting the DoD community.
- Analyze and interpret requirements obtained or derived from customers and other vendors' specifications
- Review system specifications and other design-related documentation
- Participate in hardware and software design reviews and technical meetings
- Lead and participate in system trade-off and performance studies
- Participate in developing and performing demonstrations of new technology to include development, maintenance and scheduling of the demonstrations, defining technology roadmaps, and defining technical elements of the development strategy
- Will work closely with other engineering leads
- May be called upon to participate in special teams or forums to assess existing or developing new technologies
- Travel approximately 15 percent

**Position Requirements**

- Bachelor’s degree in a technical discipline such as Engineering, Math, Physics or Science and three or more years of experience required

- Experience with analog or digital signal processing (DSP) concepts, algorithms and applications; familiarity with solid state/GaN technologies a plus

- Ability to obtain and maintain a security clearance (US citizenship required)

Desired:

- 3+ years of experience in practical system development and deployment

- Experience in Antenna design, communications networks, controls systems or wireless technology

- Experience with commercial software applications and tools for architecture and requirements documentation is a plus

- Previous experience in working DoD or intelligence community contracts

**Applicable Background (experience in any of the following):**

Radio Frequency (RF) Communications

Cellular communications systems

Systems Engineering, Design, Development

Electronic Attack / Electronic Protection techniques

Signal conditioning

Interference canceling

Modern modulation schemes

Coding theory and techniques

**Company Overview**: TSC is a high technology company primarily engaged in providing engineering consulting services and specialized products to the U.S. Government and industry. Consulting and research services span the systems life cycle from advanced concept development through logistics support. Our specialized products include electronic components for microwave and digital processing systems; prototype demonstration systems; and computer software for radar siting, and sensor simulations.

Qualified candidates can apply to:

**Technology Service Corporation**
**962 Wayne Avenue #800**
**Silver Spring, MD 20910**
**Email: employment.wo@tsc.com**

Technology Service Corporation is an Affirmative Action and Equal Opportunity Employer
Qualified Minorities, Females, Veterans and Persons with Disabilities are encouraged to apply