

JOB DESCRIPTION: AIS Laboratory & Technology Support ** TS/SCI w/ Full Scope Poly Required**

This position will provide on-site technical support and guidance related to the 181 Laboratory. In addition, it will provide for technical security engineering support necessary to implement and demonstrate enabling AIS technologies throughout the community via cross-service pilots and demonstrations.

Provide technology exploration and laboratory analysis of IA products including firewalls, Virtual Private Networks (VPNs), guards, routers, intrusion detection and prevention systems, attack sensing and warning platforms, and security management infrastructure. -Integrate new and emerging IA technologies into the current 181 Laboratory infrastructure in support of product developers, system developers, and product integrators. -Support functional, performance and interoperability testing of IA components in simulated operational environments.

Provide day-to-day operational, technical, and design support for a secure laboratory used for integration, testing, evaluation, and demonstration of IA security implementations.

Provide technical support and network configuration to include installation and configuration of network equipment in support of software, hardware and firmware to be tested in the laboratory. This involves installing, maintaining, troubleshooting and repairing personal computers, configuration and testing of computer components including workstations, hubs, routers and firewalls across various operating system platforms, design of mini test networks, configuring and testing software programs used to ensure the security of information traversing through the network.

The Systems Engineer shall have a minimum of six (6) years of experience in designing and developing secure command, control, communications and intelligence (C3I) systems or in providing IA support for such systems or experience in analyzing needs in order to document, design, develop, implement, and maintain computer networks and systems; or in microelectronics engineering, integrated circuit design and foundry skills. Such systems may include Microsoft Windows, XP, Unix, and Vista workstations and servers, and Oracle databases.

A Bachelor's Degree in Electrical, Electronic, Network or Computer Engineering; Computer Science; or a related field may be substituted for four (4) years of experience.