Field Network Engineer: Field Network Engineer III

Designs and plans network communications systems. Provides specifications and detailed schematics for network architecture. Provides specific detailed information for hardware and software selection, implementation techniques and tools for the most efficient solution to meet business needs, including present and future capacity requirements. Conducts testing of network design. Maintains technical expertise in all areas of network and computer hardware and software interconnection and interfacing, such as routers, multiplexers, firewalls, hubs, bridges, gateways, etc. Evaluates and reports on new communications technologies to enhance capabilities of the network. Provides technical support to business area management and staffs for personal computer systems software, hardware and network connectivity. Installs, configures and troubleshoots desktop systems, workstations and network connectivity issues. May assign and maintain user passwords for specialized software. Installs, operates, maintains, repairs and modifies equipment. Performs a variety of maintenance and technical support on products such as equipment, integrated systems and subsystems, and software at customer and/or field locations. Analyzes and evaluates products and related performance. Troubleshoots and diagnoses malfunctions to eliminate problem in minimum time. Installs, upgrades and removes products ensuring coordinative engineering field change. Maintains effective customer communications and relations. May provide onsite training of customer support personnel.

Discretion/Latitude
Works under only general direction. Independently determines and develops approach to solutions. Work is reviewed upon completion for adequacy in meeting objectives.

Knowledge, Skills, & Abilities
Complete understanding and wide application of technical principle, theories and concepts in the field. General knowledge of other related disciplines.

Problem Solving
Provides technical solutions to a wide range of difficult problems. Solutions are imaginative, thorough, practicable and consistent with organization objectives.

Impact
Contributes to the completion of specific programs and projects. Failure to obtain results or erroneous decisions or recommendations would typically result in serious program delays and considerable expenditure of resources.

Liason
Frequent inter-organizational and outside customer contacts. Represents the organization in providing solutions to technical issues associated with specific projects.

Work Products (Examples may include but are not limited to)
Principal advisor who interacts with senior leadership (N6, N3, RDML). Performs O.J.T. to clients (users/maintainers). Assists in developing S.O.P.'s. Presents data analysis conclusions and make recommendations. Proactively monitors RF/Network/Applications to detect anomalies and makes recommendations to remedy. Displays competence in using distance support tools (chat/email/POTS). Understands C4I interoperability of systems across a Strike Group. Understands C4I interoperability of systems at the NOC. Understands C4I interoperability of systems end-to-end ship-shore. Understands C4I interoperability of systems inter/intra-AOR. Advanced understanding of Active Directory. Collaborates in the creation/editing of technical documents. Assists in Computer Network Defense (CND). Assists with planning requirements. Assists in training, troubleshooting and maintenance as directed Works with counterparts ashore to resolve end-to-end issues. Resolves C4I issues that involve multiple systems.

Minimum Education and Experience

5-8+ years with BS in designated Engineering, Information Technology or related field or equivalent experience and/or applicable industry certifications.