Field Network Engineer: Field Network Engineer II

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 general supervision. Follows established procedures. Work is reviewed for soundness of technical judgment, overall adequacy and accuracy.

Knowledge, Skills, & Abilities
Frequent use and application of basic technical standards, principles, theories, concepts and techniques.

Problem Solving
Provides solutions to a variety of technical problems of moderate scope and complexity.

Impact
Contributes to the completion of milestones associated with specific projects. Failure to achieve results or erroneous decisions or recommendations may cause delays in program schedules and may result in the allocation of additional resources.

Liason
Primarily internal company contacts. Infrequent inter-organizational and outside customer contacts on routine matters.

Work Products (Examples may include but are not limited to)
General understanding of RF, Networking, Application topology. Liaisons between organization client(s) and outside entities. Capable of installing security patches. Maintains configuration management of installed systems. Participates in data collection and data analysis. Participates in C4I planning meetings/conferences. Assists systems administrators with Information Systems management. Understands C4I interoperability of systems at the NOC. Manages network shares. Basic understanding of Active Directory. DHCP/DNS. Able to comprehend technical manuals, documents.

Minimum Education and Experience
2-5+ years with BS in designated Engineering, Information Technology or related field or equivalent experience and/or applicable industry certifications.