

Field Network Engineer: Field Network Engineer IV

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

Work is performed without appreciable direction. Exercises some latitude in determining technical objectives of assignment. Completed work is reviewed for desired results.

Knowledge, Skills, & Abilities

Applies technical expertise and has detailed knowledge of other related disciplines.

Problem Solving

Develops technical solutions to complex problems that require the regular use of ingenuity and creativity.

Impact

Plans and conducts assignments, generally involving the larger and more important projects or more than one project. Erroneous decisions or recommendations would typically result in failure to achieve major contract objectives.

Liason

Represents the organization as the technical contact on contracts and projects. Interacts with external personnel on technical matters often requiring coordination between organizations.

Work Products (Examples may include but are not limited to)

Provides speed to capability installations/modifications. Provides flag level briefings on C4I matters. Expert understanding of Active Directory. Authors technical documents. Designs network topology. Internetworking Expert. Systems Engineer. Provides technical expertise to design, install, and support systems throughout the afloat community and shore establishments. Provides in-service engineering technical support for accelerated introduction of POR systems or modification of commercial technology.

Minimum Education and Experience

8-10+ years with BS in designated Engineering, Information Technology or related field or equivalent experience and/or applicable industry certifications.