



SYSTEMS ENGINEER

Job Description

The Systems Engineer defines and executes engineering activities within a project. Responsible for systems planning, performance management, capacity planning, testing and validation, benchmarking, and information engineering. Ensures efficient delivery of contract capabilities using industry standards and repeatable processes. Mitigates risks, controls costs and schedule variance, and effectively manages large scale, integrated projects.

Responsibilities

- Performs technical planning, system integration, verification and validation, cost and risk, and supportability and effectiveness analyses for total systems
- Manages and configures network hardware and software, operating systems and attached devices
- Creates and maintains as-built and other systems drawings (flowcharts, diagrams and other documentation)
- Configures, monitors, and maintains servers to ensure network and system integrity
- Designs and implements system security and data assurance
- Analyzes user requirements, procedures, and problems to automate or improve existing systems
- Troubleshoots technical issues, and develops and implements solutions
- Identifies system integrity issues and solutions for the full system life cycle
- Conducts technical training and product briefings with customers as required
- Supports operational and maintenance phase for as-built systems
- Supports data center operational responsibility
- Supports acquisition of hardware and software as needed
- Maintains current knowledge of relevant technology as assigned
- Participates in special projects as required

Technical Skills Required

- Design, implementation, and support of network infrastructures
- Understanding of engineering life cycle – assessment, solutions design, testing, documentation, implementation
- Strong knowledge of Cisco technologies
- Application delivery controllers
- Security and VPN solutions
- Link aggregation, spanning tree, span/rspan and tracing network issues
- Servers – MS Windows server /OSX and Linux
- Enterprise applications – MS Exchange Server, MS remote desktop, MS terminal services, Citrix, Symantec

Qualifications

- Bachelor's degree in Computer Science or Engineering, or a related technical discipline, or the equivalent combination of education, certifications and work experience
- 3+ years of experience in related systems engineering including network analysis, design, and installation
- Strong interpersonal skills, and ability to effectively provide training and technical presentations to customers
- Strong problem solving, analytic, and communication skills
- Capable of lifting equipment up to 50 pounds
- Ability to work well under pressure and time constraints, in a small team environment
- Self-starter with ability to accomplish tasks in a timely manner with minimal supervision
- Ability to work occasional evenings and/or weekends as job duties demand

Travel: 5% or less

Classification: Full-time, Exempt

Reports To: Chief Technology Officer

Direct Reports: None