



SYSTEMS ENGINEER

Job Description

The Systems Engineer designs, develops and implements integrated software and hardware solutions. Responsible for systems planning, performance management, capacity planning, testing and validation, benchmarking, and information engineering. Evaluates and troubleshoots systems, and ensures efficient delivery of systems contract capabilities. 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
- Creates and maintains as-built and other systems drawings (flowcharts, diagrams)
- Interprets and implements security baseline configurations for all system components
- 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
- Supports operational and maintenance phase for as-built systems
- Supports data center operational responsibility
- Participates in special projects as required

Technical Skills Required

- Design, installation, implementation and support of network infrastructures
- Engineering of multiprotocol routers/switches and network security devices
- Windows, Linux and OSX operating systems
- Cisco routers, switches, firewalls and IP networking technology
- Virtualization technologies including VMware (version 6.5 and above)
- Motorola WAVE, land mobile radio systems, mesh networks
- Security and VPN solutions
- Enterprise applications including MS Exchange Server, Remote Desktop, and Visio

Qualifications

- Bachelor's degree in Computer Science or Engineering, or a related technical discipline, or the equivalent combination of education, certifications and work experience
- 5+ years of experience in systems engineering including network analysis, design, and installation
- 5+ years of experience in Cisco routers, switches and firewalls
- 5+ years of experience with VMware (versions 6.5 and up)
- 3+ years of experience with RoIP technologies
- Strong interpersonal skills, and ability to effectively provide technical training to customers
- Strong problem solving, analytic, and communication skills
- Capable of lifting and moving 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%

Classification: Full-time, Exempt

Reports To: Chief Technology Officer

Direct Reports: None