

## SENIOR SYSTEMS ARCHITECT

### Job Description

The Senior Systems Architect designs and develops solutions to complex applications problems, system administration issues, and network concerns. Performs systems management and integration functions, and reviews computer system capabilities, workflow, and scheduling limitations. Analyzes user requirements, procedures, and problems to automate or improve existing systems. Incorporates engineering strategies for introducing new technology into infrastructure related business processes. Develops technology and architectural advancements to support technology migration, integration and evolution. Designs and develops computer software possessing a wide range of capabilities, including numerous engineering, business, and records management functions.

### Responsibilities

- Leads the development of applications solutions, and makes recommendations for major systems installations
- Provides technical and administrative direction for system development tasks
- Analyzes engineering, business, and other data processing problems for application to systems
- Resolves discrepancies between proposed systems and enterprise quality standards
- Performs technical planning, system integration, and effectiveness analyses for total systems
- Analyzes customer requirements, develops design strategies, and guides in process improvements and solutions
- Designs software specifications, and produces software prototypes to demonstrate application of design
- Provides task breakdowns and accurate estimates for project planning
- Manages and configures network hardware and software, operating systems and attached devices
- Analyzes user requirements, procedures, and problems to automate or improve existing systems
- Conducts technical training and product briefings with customers as required
- Maintains current knowledge of relevant technology and system architecture trends
- Participates in special projects as required

### Technical Skills Required

- Design, implementation and maintenance of network infrastructures
- Applications architecture in cloud environment
- Integration of COTS products from multiple vendors
- Architectural design drawings, topologies in multiple media such as Visio or PowerPoint
- Database consolidation, implementation and application integration
- Linux, Unix and Microsoft architectures
- Cisco technologies
- Global WAN/MAN network topologies and techniques
- Security systems design and implementation

### Qualifications

- Bachelor's degree in Computer Science or Engineering, or a related technical discipline
- 15+ years of experience in systems architectures including Linux and Microsoft
- Advanced Citrix/VMware certifications in virtualization and networking preferred
- Expert proficiency in Cisco technologies
- Advanced writing/communication skills for developing position papers and leading architectural discussions
- Extensive knowledge of networking standards and best practices
- Experience with virtualization software and techniques
- Detail-oriented, with excellent problem solving and analytic skills
- 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