



Senior Soft Switch Test Engineer

- Summary:** Prime contact for scheduling Wireless /Soft Switch systems Integration and Inter Operability test related activities. Provide mentoring/training to Engineers Soft Switch, Features, Data, and Wireless Network activities. Act as back up for the Engineering Manager as required.
- Education:** BSEE/EET, CS or equivalent degree and / or experience.
- Certifications:** Certifications as per Customer requirements.
- Work Experience:** 3 plus years experience in telecommunication with a 4-year degree and / or 8 plus years experience with a 2-year degree.
- Reports To:** Engineering Manager
- Physical and/or Special Requirements:** Candidate must have excellent analytical, communication, computer and time management skills. This includes acquiring appropriate inputs and information, planning, coordinating, scheduling and tracking deliverables with the use of Customer's engineering system tools. All deliverables must conform to Customer specifications and practices, accepted industry standards, and standard professional practice.
- Working Conditions:** Must be able to telecommute.

Responsibilities: (Described as essential functions of the job):

- Working Knowledge in Linux/Unix Operating System Environments.
- Strong In-depth knowledge of VoIP which include the following protocols (SIP (RFC 3261), RTP, RTCP, H.323, MGCP, and H.248/MegaCo)
- In-depth knowledge of Ethernet (TCP IP over UDP) including Wireless (Cellular) Data Network topology (CDMA 1X or GSM GPRS / EDGE / UMTS)
- Knowledge of PIX firewall IP policy administration, monitoring and analysis.
- Knowledge of the following protocols (ANSI-41 and CDG-IOS A1 Interoperability Specification)
- Prior experience with CDMA system software testing and integration
- Ability to quickly learn and retain relevant system knowledge through applied learning, reading of standards documents or other documentation and review of test plan documents.
- Ability to multitask several projects concurrently.
- Requires excellent troubleshooting skills
- Requires excellent written and communication skills in order to resolve complex system problems

Special Skills:

- VoIP LAN/WAN troubleshooting skills and ability to debug and reproduce interoperability issues
- CDMA RF Knowledge (CDMA 2000)
- GSM RF knowledge (GSM-A, GPRS / EDGE, UMTS)
- CDG-IOS A1/A10/A11 Interface Knowledge
- INET SS7 Protocol Analyzer Knowledge
- Experience with Data Networking Protocol Analyzers
- Experience with the following VoIP protocols (MGCP & MEGACO)
- Experience with Perl scripting in a test tool environment
- Strong Leadership Skills



- Technical / Computer competency
- Excellent interpersonal skills
- Organizational ability and time management skills
- Change Management / Adaptability

Intent and Function of Job Descriptions:

Job descriptions assist organizations in ensuring that the hiring process is fairly administered and that qualified employees are selected. They are also essential to an efficient appraisal system and related promotion, transfer, layoff and termination decisions. Well constructed job descriptions are an integral part of any effective compensation program.

All descriptions are reviewed to ensure that only the essential functions and basic duties have been included. Peripheral tasks, only incidentally related to each position, have been excluded. Requirements, skills and abilities included have been determined to be the minimal standard required to successfully perform the positions. In no instance, however, should the duties, responsibilities and requirements delineated be interpreted as all-inclusive. Additional functions and requirements may be assigned by supervisors as deemed appropriate.

In accordance with the Americans with Disabilities Act, it is possible that requirements may be modified to reasonably accommodate disabled individuals. However, no accommodations will be made which may pose a serious health or safety risk to the employee or others or which impose undue hardship on the organization.

Job descriptions are not intended as and do not create employment contracts. The organization maintains its status as an "at-will" employer. Employees can be terminated for any reason not prohibited by law.