

Sr. Converged Network Architect

Company: **Global Crossing**

Type: Full-time

Experience: Mid-Senior level

Function: Engineering

Industry: Telecommunications

Location: Phoenix, Denver, Detroit, Rochester(NY) areas
(Telecommuter option available)

Job Responsibilities:

- Prepares technical requirements and specifications for complex network elements and routing schemes to support existing and future product/service functionality.
- Participates in the development of existing network platforms and/or in the development of emerging network technologies.
- Performs integration testing and deployment of new platforms, features and code releases.
- Work closely with, product development, product management and vendors to support equipment and application evaluation.
- Participates in the implementation of engineering standards and procedures.
- Perform technical and financial evaluation for network strategy, design features and architectures.
- Provides Tier III support to various operations departments to resolve complex service-affecting issues.
- Interface with vendors regarding evaluation/support of equipment and applications and contract negotiation.

Job Requirements and Special Competencies:

- Minimum 8 years experience working knowledge with advanced telecom and networking technologies including:
 - VoIP network and services design experience
 - Candidate should have a working knowledge of Circuit Switched/Legacy voice signaling
 - Voice/VoIP signaling protocols including: SS7 (ISUP, TCAP, GSM MAP, IS-41,) SIP, H.323, H.248/Megaco, MGCP
 - Detailed knowledge of the following technologies and concepts: IP Multimedia Subsystem (SIP/IMS), IP Telephony Firewall/Session Border Controller network design, Virtual Private Networking design and implementation
 - Solid understanding of Layer3 required.