

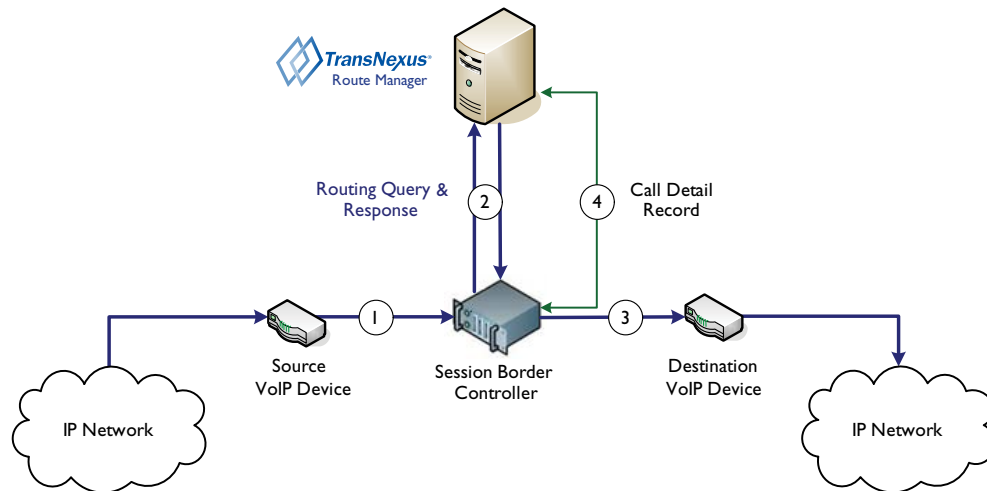
Route Manager

Manage your network least cost routing (LCR), pricing and quality of service (QoS) using technology that interoperates with SBC and softswitch industry leaders including Genband, Acme Packet, Veraz and MetaSwitch.

THE VALUE OF EFFECTIVE CALL ROUTING:

The growing complexity of call routing—along with increased carrier choices, enhanced pricing breakouts and better QoS differentiation—has resulted in advanced routing management devices that use SIP proxy or SIP redirect messaging. With the flexibility of an Oracle® database, custom-built route logic management tools and a JAVA GUI interface, Carriers and Service Providers now enjoy a number of significant benefits:

- No-loss Least Cost Routing (LCR)
- Ability to maximize profitability management with granular settings
- Automated routing procedures that minimize human error
- ANI-based routing; NPA/NXX routing; Number portability routing
- Dynamic monitoring and re-routing based on user-defined parameters



BASIC VOIP NETWORK TOPOLOGY WITH ROUTE MANAGER

The Benefits of Route Manager

- **Least Cost Routing (LCR):**
International
Domestic: Interstate, Intrastate
- **Quality of Service Routing:**
Answer Seize Ratio (ASR)
Answer Call Duration (ACD)
Post Dial Delay (PDD)
- **Trunk Group Routing and Capacity Management:**
Ingress trunk group
Egress trunk group
- **Percentage-based Routing**
- **Time of Day Routing**
- **Day of Week Routing**
- **Overflow Routing**
- **Call Blocking (Total or Percentage):**
by time/day/origination/
termination
- **Calling Party Number Translation – prefix removal, suffix appending, digit replacement**
- **Routing by Resource Availability**
- **Inbound Prefix Access Control by IP**
- **Outbound Prefix Translation by IP**
- **Traffic Analysis and Reporting, Monitoring & Alarming**
- **Multi-Currency Call Rating, Settlement and Billing**
- **Automated Credit Controls and Reactive routing**

REPORTING

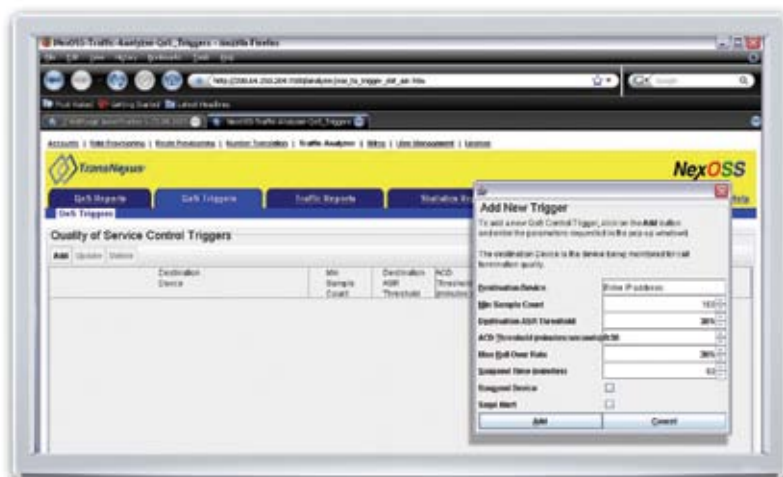
A key feature of Route Manager is to provide detailed reports for analysis, traffic shaping, and billing. Because VoIP Logic's Route Manager collects real-time traffic reports from the SBC and rates CDR, many types of analysis reports and services are available:

- **Billing Reports** illustrate, on an hourly basis, revenue, expense and profit—by customer, vendor or route.
- **Mediation** allows for the automatic reformatting of CDRs to address requirements of external operational or billing systems.
- The **Rating Engine** supports multiple currencies and addresses the common requirement for settlement between carriers who peer and exchange VoIP traffic with one another.
- The **Credit Check** tool monitors the credit status of customers and alters routing as required, always ensuring that the traffic of a customer who has reached their credit limit is not routed.

AN EASY-TO-USE SYSTEM

The Route Manager puts previously over-complex route management within reach. The key to success is meticulous attention to and management of the costs and routing database.

- Web-based GUIs provide users with a simple interface to manage complex routing plans.
- Clear reporting allows commercial and technical personnel to monitor QoS.
- Dynamic Least Cost Routing automates endpoint provisioning and optimizes the flow of network traffic in order to maximize gross margin.
- Quality of Service routing improves network performance and reduces the need for engineering personnel to manually adjust routing when quality suffers.
- Fraud identification tools and innovative credit controls collectively serve to mitigate bad debt exposure.



About VoIP Logic

VoIP Logic is a global provider of Voice over Internet Protocol (VoIP) Managed Services and the creator of Cortex® OSS for multi-system provisioning and management. The Company is focused on deploying, integrating and managing next-generation communications technology. As such, we pride ourselves on 100% carrier and service provider neutrality.

VoIP Logic enables communications service providers worldwide to build and scale complex enterprise, consumer, wholesale and advanced voice solutions. From infrastructure to advanced integration, VoIP Logic provides a comprehensive set of infrastructure and solutions for deploying flexible, tested, and scalable services using VoIP technology.