

QUINTUM TENOR CALL ROUTING SERVER II



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Tenor Call Routing Server II offers:

- Scalable Centralized Network Route Management
- QoS Performance Routing
- Least Cost and Source-Based Routing
- VoIP Local Access and Subscriber Access-Based Routing
- High Performance – up to 720k BHCA per Routing Server
- Redundant Server Configuration
- Management via Web-based GUI
- Network Statistics / Alert Generation
- Network Access Control
- Flexible Number Translations
- Centralized Call Detail Record Generation



A MORE INTELLIGENT WAY TO OPTIMIZE VOIP NETWORKS

The Quintum® Tenor VoIP Call Routing Server II provides CLECs, ILECs, ISPs, and next generation service providers with scalable centralized network routing, policy enforcement, and administration. The VoIP Advanced Call Routing Server provides enhanced network-wide routing flexibility, including QoS-based routing, least-cost routing and sourcebased routing. The Tenor Call Routing Server will compile network routing statistics and generate network reports. The Tenor Call Routing Server offers a scalable solution designed to support demanding applications such as:

- Wholesale VoIP Termination
- Call Centers
- Least Cost Routing
- Tandem Switching
- VoIP Local Access
- Calling Cards

Tenor Call Routing Server II

Centralized Control

Scalable design allows for the management of mid to large size networks. Multiple Call Routing Servers may be distributed within the voice network for even greater capacity and redundancy. Routing modifications are immediately reflected throughout the entire voice network without the need for routing modifications on individual gateways.

QoS Monitoring and Routing

Monitors Quality of Service (QoS) metrics throughout the VoIP network. The Call Routing Server allows calls to be routed around portions of the network that are not supporting acceptable QoS characteristics, thereby assuring high-quality voice for end users.

Flexible Routing

Source-based routing enables user-defined routing criteria to be applied, depending upon the subscriber or ingress point into the voice network. Routing criteria include Least Cost Routing, Route Quality, Best Pattern Match, Circuit Routing, Domain Priority, Answer Seizure Ratio (ASR), and Load Balancing. Routing criteria and prioritization is configurable for each ingress point into the voice network. Limits calls to routes or dialed numbers to better manage network endpoint loading.

Least Cost Routing

Connects incoming calls to available carriers at the lowest available cost, by routing calls between IP endpoints or between individual DS0 circuit trunks. Termination costs, time-of-day availability, and performance metrics such as ASR and Post Dial Delay (PDD) are maintained for each network termination.

Access Control

Controls access to the voice network by disallowing endpoints, providing control over unauthorized access to your network resources.

Carrier Management

Web-based graphical user interface allows rapid network routing and policy modifications throughout the voice network. Reporting capability provides network call routing statistics based upon either historical data or real-time activity. E-mail alerts are provided to inform the network administrator of network failures or suboptimal operating conditions.

CALL ROUTING

- Source or carrier-based call treatment
- User Defined Criteria Ordering
- Least Cost, Route Quality, Best Pattern Match, Circuit Routing, Time of Day, Load Balancing, ASR
- Time-based routes with full time zone support
- Limit maximum number of calls per route or dialed number
- Up to 72K BH CA
- Automatic alternate route generation