Tenor™ GateKeeper

Standalone GateKeeper

H.323 v2 industry standard compliant

Advanced call routing
and administration

Up to 800 simultaneous VoIP calls
per GateKeeper

Scalable distributed architecture

A more intelligent way to support the call management of your VoIP network

Quintum's Tenor GateKeeper gives enterprises and service providers a large capacity standalone H.323 compliant gatekeeper for VoIP networks. The Tenor GateKeeper provides the call routing and administration for all the H.323 VoIP endpoints in your network, including gateways, IP phones and PC clients.

The Quintum Tenor GateKeeper provides the unique ability to dynamically self configure the VoIP routing database. It will also support static routing to provide connectivity to endpoints that are not part of your VoIP network. The advanced call routing enables the Tenor GateKeeper to provide load balancing among multiple gateways. The Tenor GateKeeper also provides for authentication/authorization of all calls in your VoIP network.

With its unique call processing intelligence, The Tenor GateKeeper makes deployment of any size VoIP network easy and risk-free.

More intelligence provides easier network configuration
The Tenor GateKeeper dynamically self configures your VoIP network by collecting routing information during endpoint registration. The routing database is automatically constructed and shared among all the gatekeepers in the VoIP network. New endpoints are automatically added and configured into the network.

More intelligence means greater security
The Tenor GateKeeper provides authorization and authentication for all calls on your VoIP network. This provides protection against unauthorized calls and insures proper endpoint identification.

More intelligence means greater scalability
The base Tenor GateKeeper supports 100 simultaneous calls and is software upgradeable up to 800 calls. Multiple Tenor GateKeepers will share routing information combining to create a larger distributed gatekeeper system.

TECHNICAL SPECIFICATIONS

GateKeeper Specifications
• H.323 v2 Support: RAS, Fast Start
• Each GateKeeper Supports up to 100 simultaneous VoIP calls
• Software upgradeable to a maximum of 800 VoIP calls
• Direct and GateKeeper routed call modes
• Call Detail Records
• RADIUS Compliant
• Endpoint access list screening
• Load balancing of VoIP calls among multiple gateways
• Static routing configuration

IP Network Specifications
• LAN Interface: 10/100 Mbps Ethernet autosensing
• Standard RJ-45 interface (IEEE 802.3) for 10 Base-T or 100 Base-T connection
• QoS Support: IP TOS

Configuration / Management
• Remote Management
• Web-based Graphical User Interface (GUI)
• SNMP v1, v2 Agent
• Command Line Interface
• Remote Telnet Access
• Serial Console Port: RS-232/DB-9

General Specifications
• AC Power: 100-240 Volts AC, 50/60 Hz, 25 Watts
• Operating Temperature: 40° - 122° F (5° - 50° C)
• Operating Humidity: 20% - 80% non-condensing
• Emissions: ENN55022:98; 61000:95, FCC Part 15 Class A, ICES-003
• Immunity: EN55024:98
• Safety: EN60950, UL 1950, CSA 22.2 No. 950
• Dimensions: 10 $^3/_4$" D (27.6 cm) x 17 $^3/_8$" W (44.5 cm) x 1 $^3/_4$" H (4.5 cm)
• Weight: 8 lbs. (3.6 Kg)

QUINTUM
TECHNOLOGIES, INC.