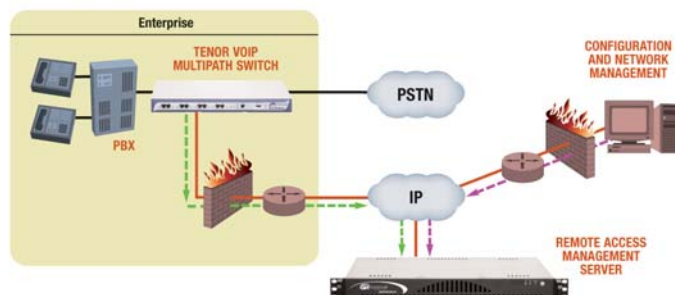


Remote Management Session Server

- Provides transparent remote network management for Tenors deployed behind NAT firewalls
- Provides a secure centralized management interface
- Supports configuration, monitoring, troubleshooting, and system upgrades for remote Tenors
- Supports the Tenor Configuration Manager GUI and the Tenor CLI interface
- Supports static or dynamic IP addresses at the enterprise



Simplify Configuration and Management of Remotely Deployed Tenor VoIP MultiPath Switches

To keep VoIP service running smoothly over your network, you need immediate access to all of your Tenor switches – whether they're around the corner or around the world. Quintum's Remote Management Session Server, provides this critical capability by allowing you to easily and securely manage all of your distributed Tenor VoIP switches from a single, intuitive application. It provides the complete system configuration, diagnostics, troubleshooting and remote upgrade functionality you need to maintain and optimize the health of VoIP services – even if you have to manage Tenor switches that are behind NAT firewalls.

When a Tenor is put on a network, it will signal the Remote Management Server through the NAT firewall to register its identity and the external address through which it can be contacted. The Remote Management Session Server can then at any time signal a Tenor behind a NAT firewall to set up a secure session between itself and the RMSS. The RMSS has thus established a secure tunnel between the Tenor and itself, through the NAT firewall, which allows the Tenor to be configured and managed remotely.

Whether you're an Enterprise, Value Added Reseller, or Service Provider, the Remote Management Session Server allows you to remotely install and manage Tenor switches at your clients' or customers' site – any time – anywhere. It also avoids enterprise router/firewall configuration changes or unnecessary truckrolls to support installations. This simplifies installation and maintenance, reduces the time to identify and resolve problems, and greatly improves customer satisfaction.

Remote Management Session Server is:

Scalable

The Remote Management Session Server can register up to 5,000 remote devices, and can enable management of up to 100 Tenors simultaneously.

Flexible

Tenors can be remotely managed via telnet, FTP or through Quintum's own graphical Tenor Configuration Manager.

Reliable

Each Tenor switch can be registered with two separate Remote Management Session Servers to provide redundancy.

Secure

All communications between the Remote Management Session Server and remote Tenor switches are encrypted to ensure network security.

Easy to implement

For added convenience and ease of implementation, the Remote Management Session Server comes pre-installed on a Quintum Application Server Platform.

Easy to use

Remote Management Session Server's intuitive interface design makes everyday management functions fast and easy. Network administrators can be alerted by E-mail from the Remote Management Session Server when specific Tenor Switches register and are ready for remote management.

Remote Management **Session Server**

SYSTEM REQUIREMENTS

For secure GUI management: Quintum Tenor Configuration Manager
For secure CLI management: SSH Client
For unsecured FTP access: Standard FTP client
For secured FTP access: SSH client with SOCKS v.4 server support and
FTP client with PASV mode and compatible SOCKS client



TECHNICAL SPECIFICATIONS

Item	Enterprise
Ethernet (IEEE 802.3)	10/100 Mb Auto-sensing
LAN connector	1 x RJ45
Power Supply	100 – 240 Vac, 50/60 Hz
Power Consumption	250 Watts max.
Chassis Height (1U)	1.75" (4.5 cm.)
Chassis Width (19" Rack Mounting)	16.75" (42.6 cm)
Chassis Depth	14" (35.6 cm.)
Weight	12 lbs. (5.5 kg)
Operating Temperature	40° F (5° C) – 104° F (40°C)
Storage Temperature	14° F (-10° C) – 140° F (60° C)
Operating Humidity	20% - 80% non-condensing
Altitude	-200 – 10,000 ft. (-60 m – 3,000 m)
EMC Certification	FCC Part 15 Class A EN55022:97, EN55024:98 EN61000-3-2&-3-3:95 AS/NZS 3548:1995
Safety Certification	EN60950:92 +A1:92+A2:93+A3:95+A4:96
Monitor Interface	15 pin VGA
Keyboard Interface	USB or PS2



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