



Reservationless Conferencing

The ThinkEngine Networks VSR1000 Reservationless Conferencing platform delivers the industry's most cost competitive, high capacity, on demand conferencing services available today. The VSR1000 operates seamlessly in TDM, VoIP and converged network environments, in single or clustered operations. The VSR1000 conferencing solution is an open, industry standards based implementation, with web-based conferencing user interfaces and platform management and provisioning tools.

Besides delivering a full function conferencing solution, this powerful multipurpose platform offers additional network services including a patented speech recognition capability, SIP application server functionality, an embedded TDM/IP gateway, and a 4th generation Call Flow Designer to speed introduction of new services.

VSR1000 PLATFORM

1000 simultaneous channels

- VoIP or TDM; any to any
- 672 maximum TDM (DS3)

1U NEBS Compliant Chassis (Level3)

Single or clustered installations

- Up to 100,000 ports in one cluster

Open, Industry Standard interfaces

- Full API for extending, integrating services
- SIP application server based

OAM&P

Designed for remote or local operations

Web-based provisioning

- Java/Tomcat based
- Linux Server; SQL database

Command line interface

SNMP V2 & V3 Interface

CDR generation for every caller

ROLE BASED MANAGEMENT

Support multiple tenants; brandable

Three operational levels

- System owner
- Agents/Managers
- Individual users

CONFERENCING OPERATIONS

Live Conference Viewer

- Web based; no client software
- Full moderator control
- Dynamically updated as status changes
- Java/XML API - brandable

TUI for basic commands

Multiple conference modes

- Participant mode
- Presentation mode
- Q&A mode
- Broadcast mode

Host options

- Lock/unlock conference
- Change conference mode
- Change entry/exit tones
- Mute/unmute
- Initiate sidebar

Conference security

- Subscriber ID authentication
- Conference ID authentication
- PIN option
- RADIUS server integration

Record and playback

- Distributed
- Network based



PLATFORM SPECIFICATIONS

Compact (1U) NEBS compliant platform

Embedded Media Gateway with up to 1,000 simultaneous endpoints

- 672 maximum TDM (DS3)
- 1,000 maximum IP

External connections

- 100BASE-TX (4 ports)
- 100BASE-SX (Copper/Fiber)
- DS3-TX/RX
- Alarm (DB15)
- RS232 Console
- 1+1 system interconnect

Intelligent Call Routing

- Inbound; multi-tenant – routes calls to application based on DID
- Advanced rules for least cost routing of TDM and IP paths

Transcoding; G.711, G.723, G.729AB

SS7 ISUP

SNMP V2, V3

Dedicated Management Coprocessor



SERVICES DEVELOPMENT TOOLS

SIP Application Toolkit

- Abstract SIP to C++ API

Call Flow Designer (example shown)

- Graphical Development Tool
- Windows based

