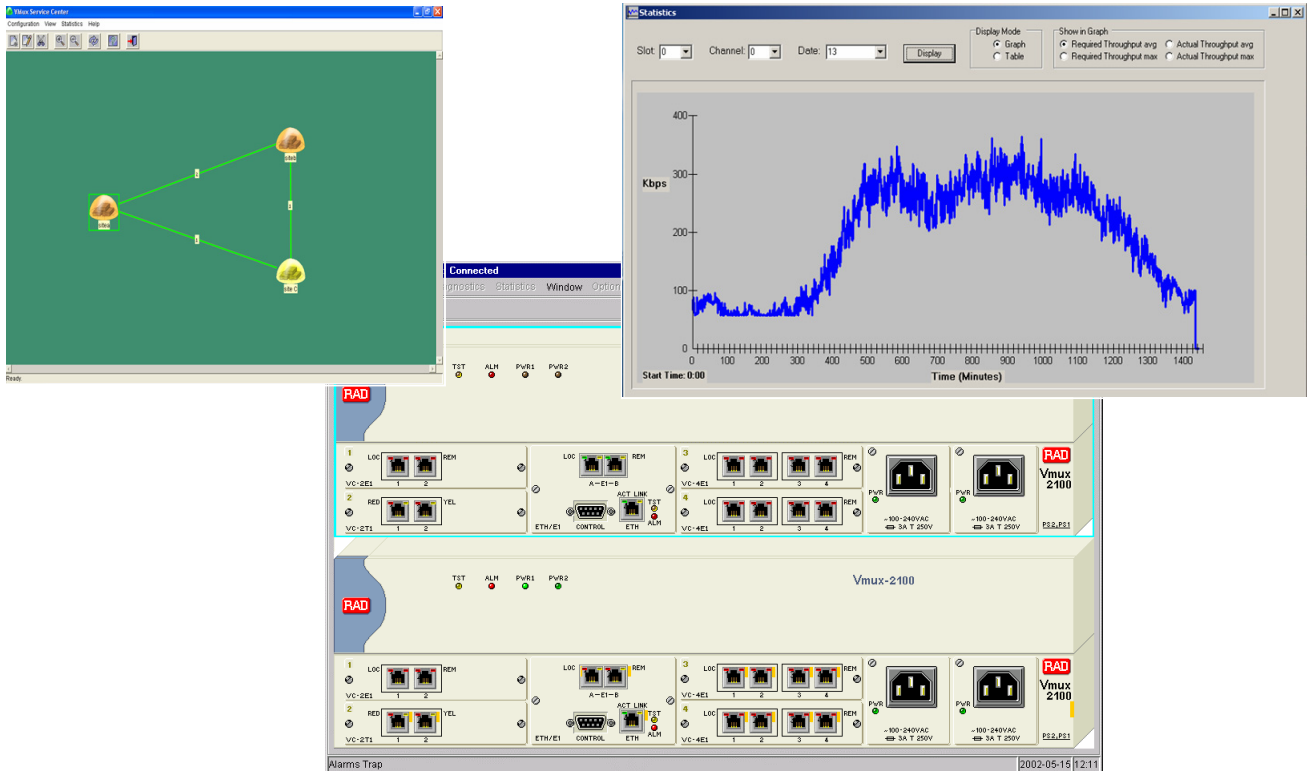


RADview-SC/Vmux

Network Management System for Voice Trunking Applications



Network
management system
for Vmux Voice
Trunking Gateways

- Full view of network topology including dynamic updates of network element status
- Easy end-to-end provisioning and monitoring of voice trunking applications
- Displays performance monitoring counters and bandwidth measurements
- Detailed inventory management
- Simultaneous remote download of software and configuration files to entire network



RADview-SC/Vmux

Network Management System for Voice Trunking Applications

RADview-SC/Vmux is a powerful SNMP network management application that runs either on the HP OpenView Network Node Manager (NNM) or on SNMPc. These multivendor management platforms enable simple integration with other vendors' management applications. The platforms provide a powerful tool for configuration, performance and fault management of compressed voice applications over E1/T1 or n x 64 TDM-based, or IP-based networks.

RADview-SC/Vmux can manage a large number of network elements, limited only by the resources of the management station.

Vmux devices enable the extension of voice services over TDM or IP networks, with devices residing either at the customer's premises and/or at the carrier's site.

RADview-SC/Vmux manages the Vmux product family and provides the carrier with monitoring and control capabilities across the TDM or IP network.

Standard MIBs, as well as RAD's private MIBs, are supported.

Vmux units support inband management.

RADview-SC/Vmux includes:

- Vmux **configuration** management
- End-to-end TDMoIP **performance** measurements of connectivity, delay, error rate and packet loss rate used by the carrier for QoS calculations.

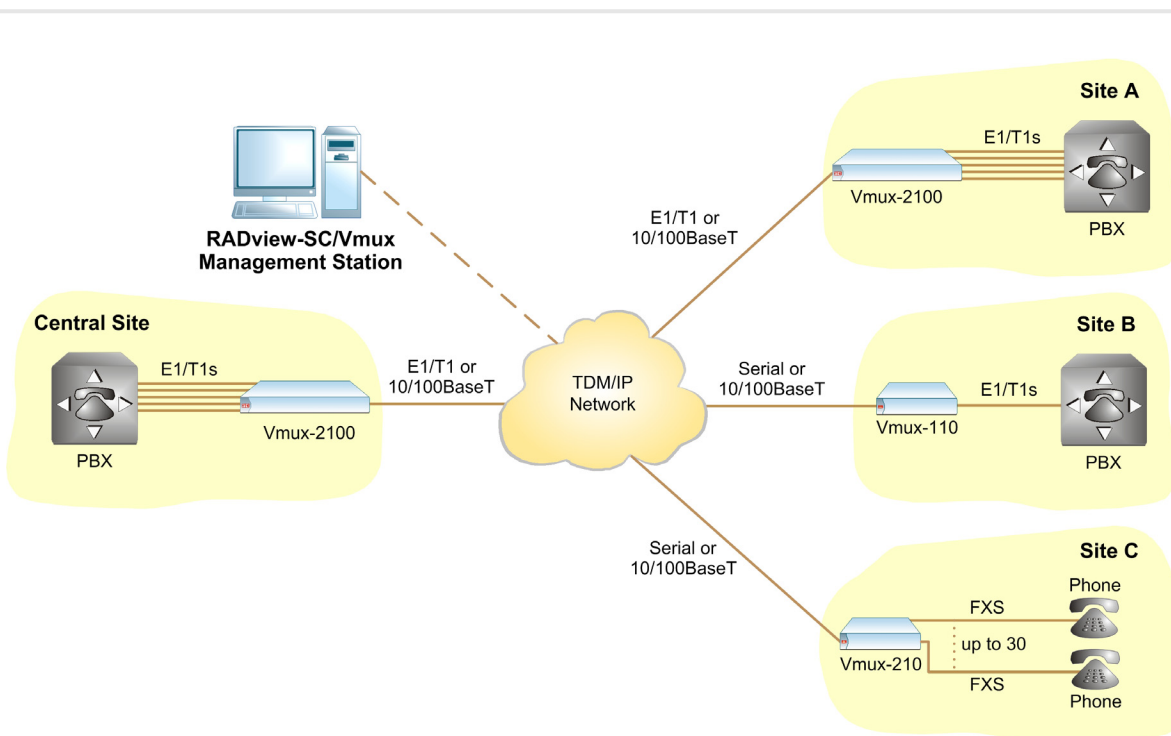


Figure 1. Provisioning of Point-to-Point or Point-to-Multipoint Applications over TDM and IP

Specifications

PC-BASED SYSTEM

Minimum Hardware Requirements

For networks consisting of up to 200 managed elements:

- Pentium-4 3.0GHZ or higher or newer architecture
- 2GB RAM or higher (see *Notes*)

Hard disk with at least 2 GB free disk space for installation

NTFS-formatted partition (for Informix installation)

1024x768 display resolution or higher

Note: *Installing RADview on a stronger CPU based PC, equipped with more RAM, will result in better performance.*

RADview-EMS Client recommendations are the same as above.

For larger networks, consisting of more than 100 managed elements, contact your RAD sales representative.

Minimum Software Requirements

Microsoft Windows XP Service Pack 2 or later Or Microsoft Windows2003 Service Pack 1 or later without Terminal services enabled.

Windows XP display settings set to Normal Fonts

Windows Default Input language set to English

The following windows services should be installed and configured to run automatically:

- SNMP service
- SNMP trap service
- Server service

Note: *RADview-SC/Vmux can also operate in standalone mode without SNMPC.*

UNIX-BASED SYSTEM

Minimum Hardware Requirements

For networks consisting of up to 300 managed elements:

- SUN Fire V210 Server with XVR-100 graphics card, or SUN Ultra 25
- 2 GB RAM or higher

Swap file should be twice RAM size

Hard disk with at least 2 GB free disk space under /opt partition

Hard disk with at least 600 MB for Informix directory

1152x900 display resolution or higher with depth 24

For each 4 additional simultaneous users via X-session add 1 GB RAM and 1 CPU. (When using EMS client on a different workstation there is no need to add RAM or CPU).

For each additional simultaneous open zoom application add 75MB RAM (via X-session only).

Note: *For larger networks, consisting of more than 300 managed elements, contact your RAD sales representative.*

Minimum Software Requirements

SUN Sparc Solaris Ver. 10, Nov 2006 or later

Verify that the option "Select to Include Solaris 64 Bit Support" is checked during Solaris installation

CDE 1.4 or higher

HP OpenView NNM 7.51 (according to RADview compatibility)

For up to 250 nodes, HPOV NNM Starter Edition is enough. For more than 250 nodes, the appropriate HPOV license must also be purchased.

Note: *All the requirements apply to a single-user scenario. If several users use RADview simultaneously, additional resources may be required to maintain satisfactory performance as indicated above.*

SUPPORTED PRODUCTS

Vmux-2100, Vmux-110, Vmux-210, Gmux-2000 (for Voice Trunking applications only)

RADview-SC/Vmux

Network Management System for Voice Trunking Applications

Ordering

RV-SC-VMUX/ε/#

Legend

ε Operating system type:

PC PC-based

UNIX Unix-based

Optional installation type:

UPG Upgrade of an existing
installation

DEMO Time-limited demo version

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