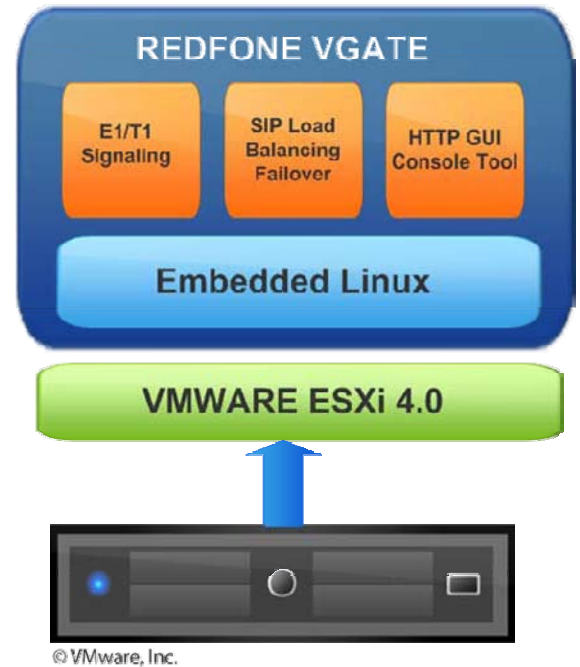




Redfone VGate



Virtualized T1/E1 to SIP Gateway Appliance

Overview

The **Redfone VGate** is a ©VMWare compatible turn-key software appliance. When combined with **foneBRIDGE2** hardware it quickly and easily provides a complete T1/E1 to SIP gateway with advanced SIP features including SIP load balancing and auto fail-over to provide always on capabilities.

Leveraging the benefits of virtualization, Redfone customers can now;

- Consolidate voice and other platforms onto a single server
- Reduce hardware and operational costs, accelerate provisioning, centralize management, and increase overall system availability and survivability.

Target Applications

- Standalone T1/E1 to SIP Gateway trunking with Remote SIP PBX
- T1/E1 to SIP Gateway trunking to local SIP PBX internal to VMWare or on separate hardware
- T1/E1 to SIP Load Balancing to multiple SIP PBXs or SIP applications

Compatibility

- Asterisk, Elastix, Trixbox
- FreeSwitch
- 3CX
- Any SIP compliant PBX or application

Key Features

Universal and Simplified T1/E1 Support

- Robust and comprehensive ISDN/PRI signaling capabilities. Worldwide PSTN Connectivity.
- QSIG connectivity for PBX to PBX interconnect.

Standards based SIP Compatibility

- Interoperability with any standards based SIP application or PBX.

Standards

VMWARE

- VMWare ESXi 4.0 compatible

T1/E1 ISDN

- PRI Switch Compatibility– EuroISDN, AT&T 4ESS, DMS 100, Lucent 5E, NI1/NI2; Network or CPE
- Standards-based and conforms to the IETF, ITU-T, ANSI and ECMA standards
- ISDN Worldwide ISDN switch variants
- ETSI EuroISDN TBR4 PRI
- Japan INSnet1500

SIP Protocol

- RFC 4497 compliant
- Compliant with RFC 3261 and 3264

Specifications

- Small embedded and secure Linux-2.6
- Browser based GUI for admin

Requirements

- VMWare ESXi 4.0 Server
- VMWare compatible server hardware
- VMWare tools installed
- vSpere client for remote admin or similar
- 2 Ethernet NICs minimum.

Licensing

- Single, dual or quad T1/E1 license packs
- Field upgradeable licensing
- 1 Year warranty including upgrades and fixes

