



Eircom VoIP Server/ Gateway



KEY FEATURES

Total Solution

Eircom VoIP Server / Gateway™ is a complete telephony solution developed on the Asterisk platform. Eircom VoIP Server / Gateway™ does voice over IP in all three protocols, and can interoperate with almost all standards-based telephony equipment.

Full Range of Services

Eircom VoIP Server / Gateway™ provides Voicemail services with Directory, Call Conferencing, Interactive Voice Response, Call Queuing. It has support for three-way calling, caller ID services, ADSI, SIP and H.323 (as both client and gateway).

Interfaces

For interconnection with digital and analog telephony equipment, Eircom VoIP Server / Gateway supports a number of interfaces, including single and quad span T1 and E1 interfaces for interconnection to PRI lines and channel banks as well as FXO and FXS cards.

Traditional telephony support

Eircom VoIP Server / Gateway™ supports a wide range of TDM protocols for the handling and transmission of voice over traditional telephony interfaces. It supports US and European standard signalling types used in standard business phone systems, allowing it to bridge between next generation voice-data integrated networks and existing infrastructure. Eircom VoIP Server / Gateway™ not only supports traditional phone equipment, it enhances them with additional capabilities.

Complete Integration

Eircom VoIP Server / Gateway™ provides a central switching core, with four APIs for modular loading of telephony applications, hardware interfaces, file format handling, and codecs. It allows for transparent switching between all supported interfaces, allowing it to tie together a diverse mixture of telephony systems into a single switching network.

TECHNICAL SPECIFICATIONS

Telephony Services :

- ◇ Voicemail System
- ◇ Auto Attendant
- ◇ Interactive Voice Response
- ◇ Overhead Paging
- ◇ Flexible Extension Logic
- ◇ Directory Listing
- ◇ Conference Bridging
- ◇ Call Queuing
- ◇ ADSI Menu System
- ◇ Call Detail Records
- ◇ Local Call Agents
- ◇ Remote Call Agents
- ◇ Protocol Bridging

Call Features :

- ◇ Music on Hold
- ◇ Music on Transfer
- ◇ Call Waiting
- ◇ Caller ID
- ◇ Caller ID Blocking
- ◇ Caller ID on Call Waiting
- ◇ Call Forward on Busy
- ◇ Call Forward on No Answer
- ◇ Call Forward Variable
- ◇ Call Transfer
- ◇ Call Parking
- ◇ Call Retrieval
- ◇ Remote Call Pickup
- ◇ Do Not Disturb

Voice over IP Interoperability :

Eircom VoIP Server™ provides transparent bridging between Voice over IP protocols and traditional telephony equipment.

- ◇ H.323
- ◇ Session Initiation Protocol (SIP)
- ◇ Media Gateway Control Protocol (MGCP)

Traditional Telephony Interoperability :

- ◇ Robbed Bit Signaling Types
- ◇ FXS and FXO
- ◇ Loopstart
- ◇ Groundstart
- ◇ E&M
- ◇ E&M Wink
- ◇ PRI Protocols

Gateway Interfaces :

- ◇ Quad-Port FXS PCI interface card
- ◇ Single port FXS PCI interface card
- ◇ Single port FXO PCI interface card
- ◇ Quad port FXO PCI interface card
- ◇ 6/12-port FXS or FXO interface
- ◇ Quad-Span T1/E1/PRI half-length PCI card
- ◇ Single-Span E1 half-length PCI card

Hardware features :

- ◇ Intel Pentium 4 Processor
- ◇ Upto 6 FastEthernet ports
- ◇ Onboard flash and hard disk
- ◇ 512 MB RAM
- ◇ 2 PCI Expansion slots
- ◇ 1 Mini PCI slot

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