

Your Gateway to seamless Communication



C-Zentrix Gateway

Introduction

C-Zentrix Gateway is a next generation Linux appliance providing the VoIP trunking capabilities, SIP server and IPBX in one single box. The VoIP trunking gateway is competitive to any available product in this range and comes with value additions like voice logging and IPBX functionalities for extra cost, if required.

General Technical Information

- Operating System:
Open source Linux.
- Communication: VoIP (SIP), TDM, PSTN, E1 (PRI)
- Codecs Supported: G.729, G.711, G.723, G.726, and GSM
- Interfaces: TCP/IP.
Remote web configurable

Applications VoIP Trunking Gateway

- SIP Server
- IPBX

Capacity

Available as 1,2,4,8 spans of independent simultaneous VoIP calls

Codecs

G.711 (alaw and ulaw), G.723.1, G.726, G.728, G.729

Echo Cancellation

Hardware and software based echo cancellation

DTMF

Packets side and PSTN side detection. RFC2833 compliant

Voice over Packet Capabilities

Call Progress tone

Signaling for PSTN side

PRI Switch Compatibility

EuroISDN (PRI or PRA)

Q.931/Q.921

AT&T 4ESS

DMS 100

Lucent 5E

Network or CPE

National ISDN 2

CAS Voice Modes

Feature Group D

E&M Wink

A-Law, i-Law, and Linear

Modes Supported

Data Modes

SyncPPP (both Fixed and Dialup)

Frame Relay

Cisco HDLC

Multi-link PPP

Interfaces

Ethernet: Dual Gigabit Interfaces

Telephony Interface: Up to 8 E1 spans.

Hardware Specification

Dual Xeon with 4MB of RAM, 4u Rack Mountable Chassis server

Management Interface

Web based management interface with remote configuration facility and access based administrators' configuration.

