

VoIPcortex™ Compact IP PBX

optimised for small office environments

voipcortex
PABX units

The VoIPcortex™ Compact IP PABX is a flexible and powerful business VoIP PABX system which provides all of the phone system features required by a typical business, without sacrificing reliability. The Compact unit is a cost effective option, perfect for the small office - optimised for 10 or 20 users.

VoIPcortex™ Compact is a wall mountable unit that doesn't require installation within a specialised server room. Instead, the PBX simply screws to a wall adjacent to the telco NTU, or wherever is most convenient, enabling a hassle-free implementation.

the advanced, resilient Compact system features:

- Simple but comprehensive Web based management
- Single/Quad ISDN2 and Quad Analogue FXO line options, with unlimited VoIP termination providers on all models
- Very low, "green" power consumption
- 10 and 20 user optimisation
- Internal power supply

Designed with the small office in mind, the VoIPcortex™ Compact unit can be set up in minutes, allowing calls to be made with clarity and reliability over the normal telephone network via the office LAN and IP Phones.

Inter-office calls to similarly equipped remote sites across the Internet or private data lines are free of call charges and access to the world of low cost and free International and National calls via SIP and IAX networks is available.

The addition of extra extensions is just a matter of purchasing additional SIP phones, plugging them in and configuring in the PABX.

Approved
voipcortex
System Component



advanced functionality, previously only found on much more expensive systems includes:

- Auto-provisioning for many of the major handset vendors - including Aastra, Polycom, Snom, Linksys
- Compatible with most SIP phones
- Unlimited inbound DDI numbers
- Supports analogue, ISDN or broadband connectivity
- Unlimited voicemail boxes with e-mail and web based access
- 8 hours of voicemail, going up to 16 on the twenty user unit
- Solid state design allows high resilience - no moving fans to fail or become clogged with dust
- Interactive response menus
- Unlimited soft fax destinations
- Flexible hunt groups, including multiple priorities and both internal and external destinations
- Call queues
- Night mode operation to allow different call handling depending on time of day
- Per extension call records and billing information
- Paging
- Remote support/maintenance service available
- 5 way conference bridge
- Music on hold
- Hot desking capability

- Supports 2 to 8 outside ISDN lines, or 4 analogue FXO lines
- Internal power supply
- Supports 10-20 users
- Wall mounted for flexible implementation
- Supports multiple SIP/IAX trunks

ipcortex simply converged communication

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specifications

An open, standards compliant VoIP PABX based on Asterisk software running on a Linux operating system platform with a local web based management interface.

functionality

interoperability and connectivity

- Compatible with SIP based soft and hard phones
- Auto-provisioning for major SIP handset vendors
- Single/Quad ISDN2 and Quad Analogue FXO local telephony interfaces
- Unlimited IAX2 & SIP VoIP trunking
- 10 and 20 user optimisation
- Compatible with BT's 21CN infrastructure

call behaviour

- Unlimited inbound DDI numbers
- Unlimited voicemail boxes
- E-mail and web based access to voicemails
- 8 hours of voicemail storage on standard 10 user unit, going up to 16 on the 20 user unit
- Unlimited soft fax destinations
- Call management - hold, transfer, forwarding
- Custom interactive voice response (IVR) platform
- Hot desking interface
- Pickup groups
- Integrated phonebook and directory generation
- Flexible Night Mode operation
- Flexible hunt groups
- Call queues
- Paging/Tannoy capability
- 5 way conference bridge
- Music on hold
- Intuitive web based configuration
- Web based management interface
- Detailed per extension call records and billing information
- Calling and billing information stored for 10 weeks
- Free inter-office calls with suitable connectivity
- TAPI PC integration (optional)



hardware

- Wall mounted for flexible implementation
- Very low, "green" power consumption
- Resilient, solid state design allows high resilience with no moving fans to fail or become clogged with dust
- Silent operation

	VoIPcortex Compact
Storage	2Gb
Input voltage	100-240 VAC
Typical power consumption	20W
Fans	0 - fanless design

telephony device models

	Single ISDN2e	Quad ISDN2e
User capacity	10	20
Interfaces	1 ISDN BRI	4 ISDN BRI
Channels	2	8

	Quad Analogue FXO
User capacity	20
Interfaces	4 Analogue FXO - based on SIN350 and SIN351
Channels	Up to 4

standards

- RFC3515 SIP
- RFC3550 RTP
- IEEE 802.3 (Ethernet), 802.1Q (VLANS, Priority)
- RFC 2616 HTTP
- HTML
- RFC2131, RFC2132 DHCP
- RFC1350 TFTP
- RFC1122 TCP/IP

dimensions

- W: 188.7mm (218mm to edge of mounting flanges)
- D: 80mm
- H: 297mm
- Weight: 5kg (approx.)

networking

- LAN 10/100 Ethernet 100BaseT