

VoIPcortex Standard IP PBX

added flexibility, power and functionality

voipcortex
IP PBX

The VoIPcortex Standard IP PBX is a flexible and powerful business IP PBX system designed for the SME, providing Enterprise grade features at a radically cost effective price point. The Standard IP PBX is recommended for installations with anything from 1 to 150 users.

Approved
voipcortex
System Component

advanced functionality for all

Boasting a full feature set where advanced functionality and licence free, open handset interoperability is included as standard, the VoIPcortex Standard is designed to suit SMEs across a number of industries. With its shallow 1U form factor, the Standard IP PBX utilises the existing server room and network infrastructure for a convenient and hassle-free installation.



the functional, cost effective VoIPcortex Standard offers:

- Flexible implementation with ISDN or VoIP call routing. High quality calling available through ISDN connectivity, while costs can be reduced by routing calls through IP trunks. Internal calls are free with suitable network connectivity.
- Increased reliability. The VoIPcortex IP PBX is a proven, tested appliance offering greater resilience through high availability and multiple call routing options that remove single point of failure.
- Remote/home working where users can operate as though within the office - making and receiving calls, accessing voicemail, fax and more.
- Mobile twinning. Stay connected while on the road.
- Keep implementation costs low by utilising existing network infrastructure.
- Low power consumption.
- Comprehensive auto provisioning platform and intuitive web based interface to streamline system configuration.
- No artificial, licence based limitations - reducing costs and increasing freedom.
- Compatibility with a wide range of handsets for different applications, environments and budgets.
- Advanced features usually found on much more expensive systems included as standard (see reverse).
- Unified communications functionality, including softfax and voicemail to email, video calling, presence and instant messaging server. Also includes enhanced call management and monitoring functionality from any web browser with no installation required via the Open Communications Manager.
- Multi site scalability. VoIPcortex units can be linked together with SIP trunks and phonebook sharing is available with suitable network connectivity - no additional hardware or licences required.

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specifications

The VoIPcortex Standard IP PBX is an open, standards compliant VoIP PBX platform.

deployment

- Recommended for deployments of 1 - 150 users
- Compatible with open SIP handsets
- Zero touch auto provisioning for over 70 devices
- Compatible with SIP softphones
- Single or Quad ISDN2e, or Single ISDN30 local telephony interfaces
- IAX2 & SIP VoIP trunking capability - up to 30 SIP trunk channels, depending on variant
- No user based licence fees - scale up or down without artificial costs
- Compatible with BT's 21CN infrastructure
- Call routing via ISDN, VoIP or both
- XMPP IM server included
- Wideband codecs (HD voice)
- High availability with pair of identical units

key features

- Unlimited inbound DDI numbers
- Unlimited voicemail boxes
- E-mail and web based access to voicemails
- 1000 hours of audio storage for voicemails
- Unlimited softfax destinations
- Call management - hold, transfer, forwarding
- Customisable auto attendant
- 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 and management interface
- Call management and monitoring from the desktop via Open Communication Manager
- Detailed per extension call records and billing information
- Calling and billing information stored for 1 year
- Free inter-office calls with suitable connectivity
- TAPI module
- Remote working via SIP and/or mobile twinning
- Native integration with Microsoft Outlook
- Visual queue management with statistics (wallboard)
- Video calling
- Presence via Open Communications Manager

dimensions

- W 430mm x D 230mm x H 44.5mm
- Weight: 4.3kg (approx.)

networking

- LAN 10/100 Ethernet 100BaseT

codecs

- G.711a A-law (default for phones and trunks)
- GSM
- G.711u u-law
- ADPCM
- 16 bit Signed Linear PCM
- SpeeX
- G722
- H.263 Video
- H.263+ Video
- H.264 Video

hardware

- Rack mounted for convenient integration with existing network
- Shallow (230mm) 1U form factor
- 110-220 VAC input voltage
- 50W typical power consumption
- 5 fans

standards

- RFC3515 SIP
- RFC3550 RTP
- IEEE 802.3 (Ethernet), 802.1Q (VLANs, Priority)
- RFC 2616 HTTP
- RFC2131, RFC2132 DHCP
- RFC1350 TFTP
- RFC1122 TCP/IP
- RFC3920, RFC3921 (XMPP)

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