

VoIPcortex Pro IP PBX

the professional choice for high end enterprise

voipcortex
IP PBX

The VoIPcortex Pro IP PBX builds on the proven reliability and flexibility of the VoIPcortex Compact and Standard IP PBX platforms. Designed for use within serious Enterprise deployments, this high performance unit also offers additional functionality while maintaining compelling cost benefits. The Pro IP PBX is best suited for implementations of up to 1200 users.

Approved
voipcortex
System Component

high end solution, high end enterprise

The enhanced feature set offered by the VoIPcortex Pro IP PBX includes system wide and extension based call recording, as well as licence free, open handset interoperability - resulting in a particularly cost effective solution for large organisations across a range of industries. With its 1U form factor, the Pro IP PBX utilises the existing server room and network infrastructure for a convenient and hassle-free installation.



the highly functional, cost effective VoIPcortex Pro IP PBX 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.
- 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.
- Flexible call recording.
- Advanced features usually found on much more expensive systems (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.

specifications

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

deployment

- Recommended for deployments of 20 - 1200 users
- Compatible with open SIP handsets
- Zero touch auto provisioning for over 70 devices
- Compatible with SIP softphones
- Quad/Octo ISDN2, or Single/Quad ISDN30 local telephony interfaces
- IAX2 & SIP VoIP trunking capability - up to 120 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
- Call recording
- Unlimited sofffax 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
- 50 attendee conference bridge
- Music on hold with advanced configuration
- Intuitive web based configuration and management interface
- 4000 hours of audio storage - including voicemail and recordings
- 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
- Call barging (listen only)
- Native integration with Microsoft Outlook
- Visual queue management with statistics (wallboard)
- Video calling
- Presence via Open Communications Manager

dimensions

- W 426mm x D 356mm x H 43mm
- Weight: 8kg (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 (370mm) 1U form factor
- 110-220 VAC input voltage
- 90W 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)