

VoIPcortex Compact IP PBX

optimised for small office environments

voipcortex
IP PBX

The VoIPcortex Compact IP PBX was designed with the small office in mind. Optimised for up to 30 users, this flexible and powerful business phone system provides corporate level functionality at a small business price point.

smart for small business

Boasting a full feature set where advanced functionality and licence free, open handset interoperability is included as standard, the VoIPcortex Compact is specifically tailored to suit the small business environment. A wall mountable or free standing unit that doesn't require installation within a specialised server room, the Compact PBX can be placed adjacent to the telco NTU - or wherever is most convenient - to enable a hassle-free implementation. The VoIPcortex Compact is a solid state device with no moving parts to ensure silent operation and increased reliability.



the functional, cost effective VoIPcortex Compact offers:

- Flexible implementation with ISDN, Analogue FXO or VoIP call routing. High quality calling available through ISDN, or Analogue trunks for compatibility. Costs can also be reduced by routing calls through IP trunks
- Internal calls are free with suitable network connectivity in place.
- Increased reliability. The VoIPcortex IP PBX is a proven, tested solid state appliance offering greater resilience through 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.
- Very low, "green" power consumption and external power supply.
- 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.

specifications

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

deployment

- Recommended for deployments of 1 - 30 users
- Compatible with open SIP handsets
- Zero touch auto provisioning for over 70 devices
- Compatible with SIP softphones
- Single or Dual ISDN2, or Quad Analogue FXO local telephony interfaces
- IAX2 & SIP VoIP trunking capability - up to 8 SIP trunk channels
- Call routing via fixed lines, VoIP or both
- No user based licence fees - scale up or down without artificial costs
- Compatible with BT's 21CN infrastructure
- XMPP IM server included
- Wideband codecs (HD voice)

key features

- Unlimited inbound DDI numbers
- Unlimited voicemail boxes
- E-mail and web based access to voicemails
- 8 hours of voicemail storage
- 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
- Detailed per extension call records and billing information
- Calling and billing information stored for 10 weeks
- Free inter-office calls with suitable connectivity
- Remote working via SIP and/or mobile twinning
- TAPI module
- Native integration with Microsoft Outlook
- Visual queue management with statistics (wallboard)
- Video calling
- Call management and monitoring from the desktop via Open Communications Manager
- Presence via Open Communications Manager

dimensions

- W: 300mm (320mm to edge of mounting flanges) x D: 195mm x H: 50mm (55mm including mounting flanges)
- Weight: 2.5kg (approx. including power supply)

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

- Wall mountable or free standing for flexible implementation
- Very low, "green" power consumption
- Resilient, solid state design allows high resilience with no moving fans to fail or become adversely affected by dust
- External power supply (C14 lead)
- Silent operation
- 100-240 VAC input voltage
- 15W typical power consumption

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)