

VoIPcortex Multi Tenant IP PBX

the comprehensive shared building solution

voipcortex
IP PBX

Whether deployed in a managed, shared office or to facilitate multiple branches of one company, the VoIPcortex Multi Tenant IP PBX allows users to benefit from flexible and functional telecoms services while reducing acquisition and management costs. Suitable for most multi-company implementations, the Multi Tenant IP PBX is appropriate for deployments of up to 1200 users, and up to 100 tenants.

Approved
voipcortex
System Component

functionality, freedom and flexibility

The VoIPcortex Multi Tenant IP PBX offers complete divisioning of its comprehensive feature set, where billing and behavioural preferences can be accessed and configured on a per extension, per tenant or system wide basis. Licence free, open handset interoperability allows the most appropriate choice for every tenant.



the highly functional, cost effective VoIPcortex Multi Tenant 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.
- Multi tenant divisioning of all features, where system preferences can be configured on a per tenant basis.
- Per tenant call records and billing information, and the ability to set tenant specific rate plans.
- Compatibility with a wide range of handsets for different applications, environments and budgets.
- 5, 25 or 100 company variants, and no user based licensing limitations.
- 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, and mobile twinning so users can 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.
- Call recording included.
- 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 Multi Tenant IP PBX is an open, standards compliant VoIP PBX platform.

deployment

- 5, 25 and 100 company licences
- No individual user licences
- Recommended for deployments of 20 - 1200 users
- Compatible with open SIP handsets
- Zero touch auto provisioning for over 70 devices
- Compatible with SIP softphones
- Single or Quad ISDN30 local telephony interfaces
- IAX2 & SIP VoIP trunking capability - up to 120 SIP trunk channels depending on variant
- Call routing via ISDN, VoIP or both
- Compatible with BT's 21CN infrastructure
- 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 softfax destinations
- Call management - hold, transfer, forwarding
- Customisable auto attendant
- Hot desking interface
- Pickup groups
- Remote working via SIP and/or mobile twinning
- 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 tenant configuration
- 4000 hours of audio storage - including voicemail and recordings
- Call barging (listen only)
- Intuitive web based system configuration
- Per tenant web based management interface
- Call management and monitoring from the desktop via Open Communication Manager
- Various levels of administrator access to configuration interface available
- Detailed per company call records and billing information
- Calling and billing information stored for 1 year
- Free inter-office calls with suitable connectivity
- TAPI module
- 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)

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