

VoIPcortex 1U Rack Mount

added flexibility, power and functionality

voipcortex
IP PBX

The VoIPcortex 1U Rack Mount 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 1U Rack Mount PBX is recommended for installations with anything from 1 to 150 users.

Approved
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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 1U Rack Mount is designed to suit SMEs across a number of industries. With its shallow 1U form factor, the Rack Mount PBX utilises the existing server room and network infrastructure for a convenient and hassle-free installation.



the functional, cost effective VoIPcortex 1U Rack Mount 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. Multiple call routing options remove single point of failure, and reliable hardware results in increased system wide resilience.
- 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, such as a 5 way conference bridge, customisable auto attendant, and flexible hunt groups.
- Unified communications functionality, including softfax and voicemail to email. Also includes enhanced call management and monitoring functionality from any computer 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 1U Rack Mount 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 40 open SIP handsets
- Compatible with SIP softphones
- Single or Quad ISDN2e, or Single ISDN30 local telephony interfaces
- IAX2 & SIP VoIP trunking capability - Up to 8 trunks on the Single/Quad ISDN2, and up to 30 trunks on Single ISDN30
- No user licence fees - scalable and cost effective for medium sized organisations
- Compatible with BT's 21CN infrastructure
- Call routing via ISDN, VoIP or both
- XMPP IM server included

call features

- Unlimited inbound DDI numbers
- Unlimited voicemail boxes
- E-mail and web based access to voicemails
- 1000 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
- 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

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)

hardware

- Rack mounted for convenient integration with existing network
- Shallow (230mm) 1U form factor
- 40GB storage
- 110-220 VAC input voltage
- 50W typical power consumption
- 5 fans

dimensions

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

networking

- LAN 10/100 Ethernet 100BaseT



Issued by IP Cortex Ltd, Bletchley Park, Milton Keynes, MK3 6EB. Revision 05/10. Information in this document is subject to change without notice.