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CooVox-T600

CooVox-T600 is a professional-grade IPPBX system specially designed for medium and large enterprises. It supports up to 600 extensions, 150 simultaneous calls, and 150 simultaneous conference attendees. The equipped large-capacity of 1TB hard disk can support and save up to 15,000 hours of call recordings. Therefore, CooVox-T600 is ideal for enterprises demanding high performance and stability of IP PBX systems.Equipped with the brand-new software 4.0 system, CooVox-T600 can provide users with more convenience in application and management. Plus, improve enterprise communication efficiency, and help enhance enterprise value.

Application Scenarios

School

Venue

Retail Store

Airports

Financial Institution

Factory

Hospital

Shopping Malls

Feature Highlights

Endpoints Provisioning

Quick and straightforward deployment of endpoint devices using the Plug-and-Play auto-provisioning feature. Users can scan the QR code to complete the registration on the CooCall softphone.

Proxy Services

No fixed public IP, third-party DDNS services, and VPN router are required. Remote extension and remote branch office phone system integration have never been easier!

Billing

With a built-in billing system, no third-party billing software is required.Prepaid/postpaid billing, billing credit, flexible billing rates, and billing statistics features are all supported.

Remote Management System

The control center can manage each authorized PBX in a unified manner through the remote management system, realizing remote switching off equipment, viewing real-time data, and collaborative user troubleshooting.

Hot Standby

Two servers run simultaneously, upon failure of one of the servers, the other server will take over all the IP phone services. By using Hot Standby, it guarantees high availability of enterprise phone services.

Expansion Box Provisioning

The EX16S Expansion Box can help users to deploy analog phones and fax machines on a large scale in a brief time. Both local and remote deployments are equally simple and rapid.

3rd Party Compatible

In addition to the built-in phone system functions, CooVox -T600 is also compatible with third-party SIP systems, including standard SIP endpoints, CRM systems, and collaboration tools to expand the existing IP voice communication function.

CooCall Softphone

CooCall softphone brings users a new office phone system experience while using the CooVox IPPBX v4. CooCall is like a desk phone that can take your office anywhere. Users can answer calls, dial calls, and even dial international calls through the office's IPPBX.

Operator Panel

The Operator Panel is a comprehensive software specially designed for the CooVox series of IPPBX. By using the Operator Panel, users can achieve features such as live paging, emergency paging, high-quality background music, scheduled paging, scheduled music, etc.

Hardware Specifications

Specifications	
Slot	2 Slots（Adapter module：FXO/FXS/GSM/WCDMA/PRI）
CPU	2.41GHz Dual-core Intel Processor
RAM	4GB DDR3L
Storage （EMMC）	16GB EMMC + 1TB Surveillance HDD
USB (Extended Storage Supported)	USB3.0 interface *1 + USB2.0 interface *1
Ethernet Interface	WAN，LAN（10/100Mbps）
Power	AC 100~240V, 50/60Hz, MAX1.5A

Software Specifications

System Capacity

- ☑ 600 Extensions
- ☑ 150 Simultaneous Calls
- ☑ 150 Conference Attendees
- ☑ 15000 hrs Recording (Internal Storage)
- ☑ 37 EX16S Deployment (Recommended)
- ☑ Unlimited SIP/IMS Trunks (Max)
- ☑ Unlimited IVR Levels
- ☑ Unlimited Number of Queues
- ☑ Unlimited Phonebook Contacts
- ☑ Maximum 200 Paging Members(Recommended)
- ☑ 500000 CDR History
- ☑ 1TB USB Expansion Storage
- ☑ Unlimited Number of Incoming Routes
- ☑ Unlimited Number of Outbound Routes

Protocols & Codecs

- ☑ SIP(RFC3261), IAX2
- ☑ DTMF(RFC4733, SIPINFO,In-Band)
- ☑ Transport Protocols:UDP,TCP,TLS,SRTP
- ☑ Network Protocols:IPv4, IPv6, VLAN, DHCP, PPPoE, DDNS, NTP, SNTP, TFTP, SSH, HTTPS, LDAP
- ☑ Video Codecs:VP8,H.264,H.263+,H.263,H.261
- ☑ Audio Codecs:Opus, G.722, G.711(a-law,u-law), G.729, G.726, GSM, SPEEX,AMR,AMR-WB

Telephony Features

- ☑ Call Queue
- ☑ Ring Group
- ☑ Call Forward
- ☑ Call Transfer
- ☑ Call Pickup
- ☑ Call Parking
- ☑ Call Waiting
- ☑ Speed Dial
- ☑ IVR (Multi-layer)
- ☑ Caller ID
- ☑ Call Spy
- ☑ Video Call
- ☑ 3-way Calling
- ☑ Conference Call
- ☑ Follow Me
- ☑ Call Back
- ☑ DISA
- ☑ Smart DID
- ☑ Blacklist
- ☑ Voicemail
- ☑ Wakeup Call
- ☑ PIN Code
- ☑ Do Not Disturb
- ☑ Switch Call
- ☑ Time Conditions
- ☑ Paging & Intercom
- ☑ One Number Stations
- ☑ Music On Ringback
- ☑ Distinctive Ringtone
- ☑ Auto Call Recording
- ☑ One Touch Recording
- ☑ Web Extensions (WebRTC)

Feature Highlights

- ☑ Remote Management
- ☑ Softphone APP Auto Provisioning (QR Code Scan)
- ☑ IP Phone Auto Provisioning (PNP & Quick Register Code)
- ☑ LDAP Phonebook Auto Configure (H81, H83)
- ☑ EX16S Auto Provisioning
- ☑ SIP Proxy (NAT Traversal)
- ☑ Open API Interface for Secondary Development to Connect with 3rd Systems
- ☑ Multilingual Interface: Simplified Chinese, Traditional Chinese, English, Spanish, Czech, Korean
- ☑ Multilingual System Voice: Chinese, English, Spanish, French and other 24 languages

Multi-level User Administration	☑ Admin user: All Privileges ☑ Operator user: Extensions, faxes, CDR, recordings, etc. ☑ Extension user: WebRTC, recordings, voicemails, call logs, etc. ☑ Billing user ☑ Operator panel user
Security	☑ Firewall based on iptables ☑ Geo-IP (Security policy based on IP address geographical locations) ☑ Intrusion auto detection and prevention ☑ IP Black/White List ☑ Extension Permit IP ☑ Data Backup and Recovery
Network Features	☑ Network (WAN): Static IP, DHCP, PPPoE ☑ VPN: PPTP, OpenVPN, ☑ Static Routing ☑ DHCP Server ☑ VLAN (WAN&LAN Interface) ☑ Virtual IP ☑ SIP Proxy (NAT Traversal)

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