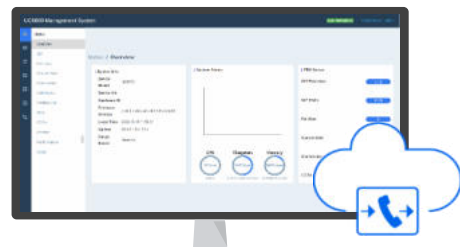


UC8000 VoIP PBX

Overview

UC8000 is a new software-based SIP/IPPBX solution, it can be deployed for government organizations, medium and large enterprises, college campus, hospitality, head-quarter and branch office connection for phone system and call center service. UC8000 provides rich features which include SIP/PSTN/IMS trunks, call recording, call transfer, call conference, e-fax, call queue, IVR and so on.



UC8000 supports up to 20,000 SIP registrations and 4,000 concurrent calls. Users can install UC8000 and connect with third party IPPBXs, UCs and SIP servers. UC8000 also can be a replacement solution of traditional legacy phone system and take the advantage of IP communication with existing resource, extend to hybrid and unified communication working environment.

UC8000 supports the installation with software-based platform or a hardware appliance, It can operate on X86, ARM, Huawei KunPeng architecture and cloud-based platform. UC8000 with software installation would allow customers to deploy the system in a very flexible way, adjust system resource dynamically without any hardware limitation. UC8000 is a cloud ready product, it can be installed with the current main cloud-based platforms to let customer be able to run the IPPBX in cloud platform. With open standard support, UC8000 would be able to be installed with hardware appliances in the market such Dell/IBM serve, it also can be installed into DINSTAR hardware appliance UC2500 with more PSTN options.

UC8000 is a very powerful carrier-grade SIP/IP solution with high-availability mechanism, supports various IPPBX call features for enterprise level and with good SIP/IMS compatibility, and by adding more VoIP gateways to be a full-featured and cost-effective IPPBX solution, and offers auto-provision and zero-touch solution for SIP phone maintenance and management.

Key Features

- Up to 20,000 SIP extension registrations and 4,000 concurrent calls
- Can operate on X86, ARM and Huawei KunPeng architecture, Docker, AWS, Google, Alibaba, Microsoft Cloud
- Support DINSTAR hardware appliance UC2500
- Call transfer, conference calls, intercom/paging, hot-desk and more
- Flexible call routing based on time profile and number prefix
- Multi-level IVR, customizable IVR, voicemail/call recording
- Easy and user-friendly GUI

IP PBX Features

3-way Calling, Conference call
Video call
Voicemail, Voicemail to Email
Voicemail Forwarding
Call Control
Call with Password Protection
Call Priority
Call Group Control
Instant meeting, Scheduling meeting(Audio-only)
Blacklist/Whitelist
CDRs/Call Signaling Recording
One Touch Recording
Auto-recording
Playback recording on web
One SIP account with multi device registrations
One device Multiple Numbers
Auto Provisioning
Auto-attendant Function
Multi-level IVRs
Feature codes
Designated Pickup
Caller ID display
Manager/Secretary Function
Caller/Called Number Manipulation
Routing Based on Time Period
Routing Based on Caller/Called Prefixes
Attendant Console
Mobile Extension
Auto-Configuration
IP Blacklist
Extension User Management Interface
Multi-language System Prompt
Random Password for Extension

Media Capabilities

VoIP Protocols: SIP over UDP/TCP, RFC3261
SDP, RTP/RTCP, SSL
Audio Codecs: G.711a/u, G.723, G.729, G.722, G.726, Opus
Video Codecs: VP8, H261, H263, H264, H263-1998, H263-2000
Voice Activity Detection(VAD)
Comfort Noise Generator(CNG)
Adaptive Dynamic Buffer
Adjustable Gain Control
FAX: T.38 and Pass-through
NAT: STUN/DDNS
DTMF: RFC2833/Signal/Inband

Call Features

Call Forward (Always/No Answer/Busy)
Call Forwarding for particular user
Blind/Attended Transfer
Redial/Call Return
Speed dial
Call transfer, Call parking, Call waiting
Do-not-disturb (DND)
DISA
Music on Hold
Emergency Call
Alarm Call
Broadcast/Broadcast group
Intercom/ Multicast
Call pickup/pickup group
Call Routing Group, Ring Group
Call Queue
Coloring Ring Back Tone(CRBT)
Custom Prompt, Distinctive Ringtone

Deployment platforms

Hardware Architecture: X86/ARM
Virtual Machine:
VMware, Fusionsphere, FusionComputer, KVM
Cloud Deployment:
Alibaba Cloud, Google Cloud, Telecom Cloud, Amazon Cloud, etc.

Network

QoS, NAT, Fail2ban
HA hot-standby

Maintenance

Web GUI Configuration
Command Line Configuration
Configuration Restore/Backup
Multiple Languages Support
HTTP/TFTP/FTP Firmware Upgrade
CDR Report and Export
Ping and Tracert Test
Network Capture
NTP
Internet Quality Test
Users with Multi-level Permission
API
Network Space Storage

Shenzhen Dinstar Co.,Ltd.

Floor 18, Building 7A, Vanke Cloud City Phase 1, Xingke 1st Street, Xili Sub-district, Nanshan District, Shenzhen, P.R. China 518000

www.dinstar.com
sales@dinstar.com



About Us

Founded in 2011 in Shenzhen, DINSTAR is a leading global provider of IP Unified Communication products including VoIP Gateways, IP PBXs, IP Phones and SBCs, we have been delivering more agile, efficient and affordable communication solutions and unparalleled communication experiences to our customers with our reliable, innovative and future-proof products for years. Through our value-added distributors and resellers worldwide, now DINSTAR serves telecom operators, service providers, system integrators, enterprises, SMBs and OEM partners in over 100 countries.