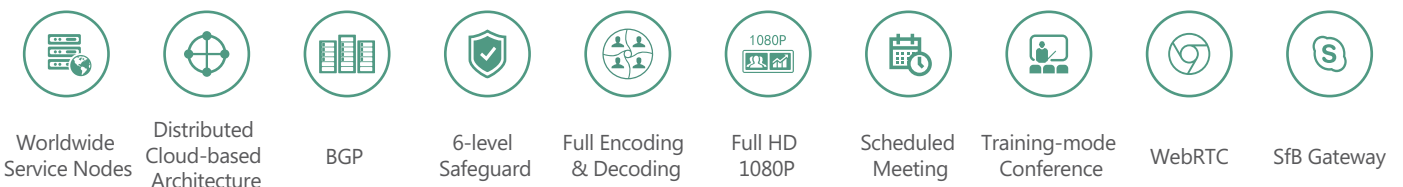


Yealink Cloud

Yealink Cloud is a distributed cloud-based service platform tailored for multi-way video conferencing collaboration. As a powerful all-in-one service platform, Yealink VC Cloud not only brings MCU, registrar server, traversal server, meeting management server, meeting control server, device management server, enterprise directory server, GK&H.460 server, WebRTC server, Microsoft SfB (Lync) server, and so on together, but also seamlessly integrates with a whole series of videoconferencing products.

Being in an advanced distributed architecture, Yealink Cloud is distributed with multiple service nodes around the world with better expandability, and it also owns multi-point and multi-machine hot standby which are functioned as a failover mechanism to provide reliability in system configuration. Characterized with rich functions, it provides 1080P full encoding and decoding capability and multi-groups and large-capacity conferences, scheduled conference, meet-now conference, etc. Ease-of-use, simple deployment, easy maintenance, good security and reliability, Yealink VC Cloud delivers the specific solutions to address your unique needs for an enterprise or a service provider.



Key Features

- All-in-one, brings MCU, registrar, directory, traversal server, meeting management server and GK&H.460 server together
- Advanced cloud-based architecture with multiple worldwide service nodes
- BGP (Border Gateway Protocol), all service nodes are interconnected via private lines
- 1080P full encoding and decoding capability
- Supports H.323 Trunk, dial server IP to join meeting directly
- Interoperability with Microsoft Skype for Business (Lync) for audio, video, and content sharing
- Supports RTMP Live, a large number of participants can watch the live broadcast simultaneously
- ICE/TURN/STUN/NAT/H.460, deployment across the network
- Supports scheduling meeting room and video conference through Outlook or Web
- Supports multiple conference modes: P2P, scheduled conference, discussion mode, training mode and education mode
- TLS/SRTP/HTTPS and dynamic password ensures the security of conference
- Deeply integrated with Yealink VC devices, support conference reminder and one-touch conference access
- Cloud device management, zero-touch deployment, terminal plug-and-play, remote diagnosis

Specifications

System Services Modules

- MCU
- Registrar Server
- Traversal Server
- Enterprise Directory Server
- Meeting Management Server
- Cloud Device Management Server
- WebRTC Server
- H.323/SIP Trunk Server
- RTMP Live Server
- Teleconferencing Server
- SfB (Lync) Gateway

Audio and Video

- Dual 1080P30: video + content sharing
- Video resolution: 1080P, 720P, 360P, 4CIF, CIF
- Video codec: H.264 High Profile, H.264, H.263+, H.263, VP8
- Audio codec: Yealink ARES, Opus, G.722.1C, G.722.1, G.722, G.711(a/u), G.729, AAC-LC
- Forward Error Correction (FEC), anti 70% audio packet loss and 30% video packet loss
- Bandwidth dynamic adaptive adjustment

MCU

- 1080P30 full HD video encoding and decoding
- Mixed protocols, bandwidth, resolution and frame rate
- Interactive broadcasting conference, up to 1000 participants in every single conference
- Unlimited group conference
- Flexible layouts: Equal NxN (N=2, 3, 4, 5, 6, 7), 1+N (N=0, 4, 7, 9, 12, 16, 20) and Selected Speaker
- Equal and onePlusN layouts dynamically scale as more participants join
- Voice activated speaker
- Configurable video carousel
- Permanent/dynamic conference ID and password without conflict
- Configurable permanent Virtual Meeting Room (VMR)
- Interactive Voice Response (IVR)
- Join Cloud video conference via SfB (Lync) client

Registrar and Traversal

- Enterprise self-management
- Up to 10,000 accounts
- Import and export accounts in batch
- Organizational structure
- Group management for user accounts
- 4-digit extension within enterprise
- 9-digit cloud account across the enterprises
- P2P conferencing without port resources consumption
- Enterprise directory database synchronization
- ICE/TURN/STUN/NAT/H.460

Meeting Management

- Integration with OA to support scheduling meeting room via Web or Outlook
- Room system account associated with meeting room
- Training mode conference and lecturer view
- Education mode conference
- Create instant conference by one-click (Meet Now)
- Automatic synchronization of scheduled conference to Yealink video endpoints
- Conference reminder and one-touch conference access
- Automatic dialing
- WebRTC, join video conference via browser, chat in the conference (Chrome 52+, Firefox 52+, Safari 11+)
- Register and join conference via third-party devices
- Join conference via mobile phone and desktop phone
- Share conference information via WeChat QR Code

Conference Control

- Personal layout and broadcasting layout
- Invite/remove participants
- Lock/unlock and end conference
- Conference lobby
- Mute/unmute audio and video
- Block/unblock audio and video
- Apply for speaking in training mode

- Participants' role free switching
- Invite contacts, H.323/SIP device
- Manual/automatic roll call and export record
- Fast call
- Conference banner and conference process
- Dynamic/static subtitle messaging to individual or all parties
- Display or hide participant name and status
- Call statistics
- Conference monitor

Value-Added Services

- Ignore participants limit cap
- Teleconference service
- SMS
- Live broadcast service

System Management

- Device plug-and-play, auto upgrade
- Remote configuration management, remote diagnosis
- Email notification
- Link your cell phone number to your account
- Meeting Statistics: Conference details and ports details
- Conference parameters configuration
- Open API

Network and Security

- H.323/SIP/RTMP
- Dual stream protocol: H.239/BFCP/RDP
- SRTP/TLS, AES (256) encryption
- Meeting password and troubleshooting mechanism
- HTTPS Web Server
- SSH remote secure access
- MD5 irreversible encryption
- Double-layer firewall
- Intrusion Detection System (IDS)
- Real-time network monitoring
- DDoS monitor
- System defense
- Vulnerability scan & bug fix
- Anti-virus

About Yealink

Yealink is a global leading provider of enterprise communication and collaboration solutions, offering video conferencing service to worldwide enterprises. Focusing on research and development, Yealink also insists on innovation and creation. With the outstanding technical patents of cloud computing, audio, video and image processing technology, Yealink has built up a panoramic collaboration solution of audio and video conferencing by merging its cloud services with a series of endpoints products. As one of the best providers in more than 140 countries and regions including the US, the UK and Australia, Yealink ranks No.1 in the global market share of SIP phone shipments.

Copyright

Copyright © 2019 YEALINK(XIAMEN) NETWORK TECHNOLOGY CO., LTD.

Copyright © 2019 Yealink(Xiamen) Network Technology CO., LTD. All rights reserved. No parts of this publication may be reproduced or transmitted in any form or by any means, electronic or mechanical, photocopying, recording, or otherwise, for any purpose, without the express written permission of Yealink(Xiamen) Network Technology CO., LTD.

Technical Support

Visit Yealink WIKI (<http://support.yealink.com/>) for firmware downloads, product documents, FAQ, and more. For better service, we sincerely recommend you to use Yealink Ticketing system (<https://ticket.yealink.com>) to submit all your technical issues.



YEALINK(XIAMEN) NETWORK TECHNOLOGY CO.,LTD.
Web: www.yealink.com
Addr: No.1 Ling-Xia North Road, High Tech Park,
Huli District, Xiamen, Fujian, P.R. China
Copyright©2019 Yealink Inc. All right reserved.