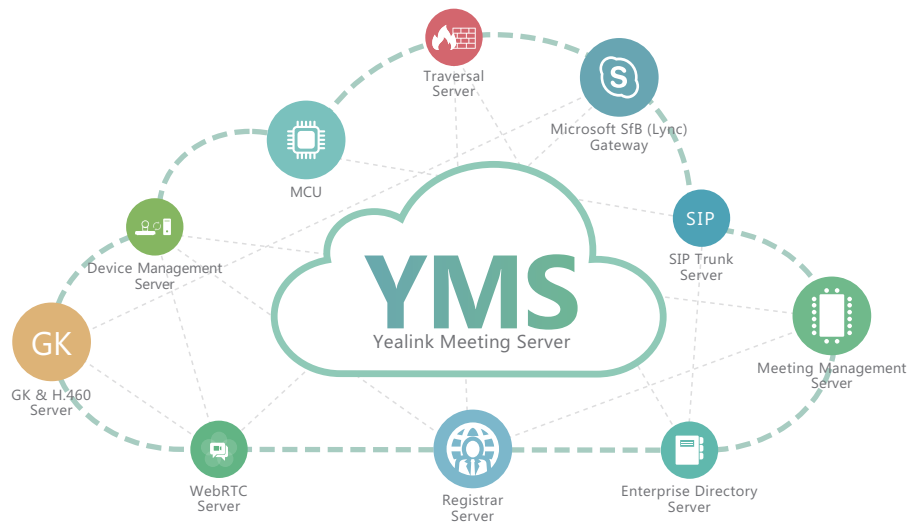
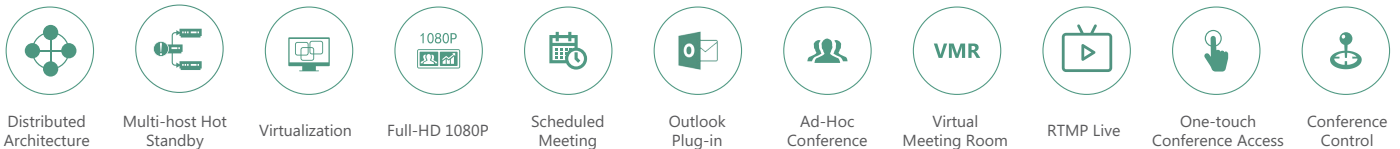


## Yealink Meeting Server

Yealink Meeting Server is a distributed cloud-based video conferencing infrastructure tailored for HD video conferencing and collaboration in the modern workplace. A powerful all-in-one meeting server, YMS brings MCU, registrar server, directory server, traversal server, meeting and device management server, SIP Trunk, WebRTC server, GK & H.460 server and Microsoft Sfb (Lync) gateway together, to better provide users with an enjoyable conferencing experience while cutting costs and improving efficiency. Seamlessly working with multiple devices such as room systems, video phones, mobile apps and PC software, YMS brings people together at any time from any location with the touch of a button.



### Cloud-based Video Collaboration Infrastructure



### Key Features

- Cloud-based distributed architecture
- Supports virtualization deployment: VMware and Hyper-V
- All-in-one, brings MCU, Registrar, Directory, Traversal, Meeting and Device management, SIP Trunk, WebRTC, GK & H.460 server, Sfb (Lync) gateway together
- Supports server cluster management and multi-host hot standby
- Continuous Presence enables viewing flexibility by offering multiple viewing options and layouts for video conferencing
- Integrated GK server and H.460 traversal server, supports H.323 registration
- Supports interoperability with Microsoft Skype for Business (Lync) clients for audio, video and content sharing
- Supports large broadcasting interactive conference, holding up to 1,500 parties
- Support permanent virtual meeting room (VMR)
- Adopting advanced ICE/TURN/STUN/NAT firewall traversal technology, supports deploying conferencing nodes in a public DMZ deployment
- Supports scheduling meeting room and video conference through Outlook or Web
- Supports multiple conference modes: P2P, scheduled, Ad-hoc conference and training mode
- Supports SIP Trunk, interconnection with audio and video gateway
- TLS/SRTP/HTTPS and dynamic password ensures the security of conferences
- Deeply integrated with Yealink VC devices, support conference reminder and one-touch conference access
- Supports remote device management, updating device and exporting device log remotely

## Specifications

### System Services Modules

- MCU
- Registrar Server
- Traversal Server
- Meeting Management Server
- Device Management Server
- Enterprise Directory Server
- SIP Trunk Server (Audio & Video)
- WebRTC Server
- GK & H.460 Server
- SfB (Lync) Gateway

### Audio and Video Features

- 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: ARES, Opus, G.722.1C, G.722.1, G.722, G.711(μ/A), G.729, AAC-LC
- Forward Error Correction (FEC), anti 30% video and 50% audio packet loss
- Bandwidth dynamic adaptive adjustment

### MCU Features

- Continuous Presence for users on every port
- Universal transcoding, mixed bandwidth, resolution, frame rate and audio codec within the same conference
- The ability to stack several MCUs together for increased capacity
- Large interactive broadcasting conference (up to 1500 parties)
- Flexible layouts: Equal NxN (N=2, 3, 4, 5, 6, 7), onePlusN (N=0, 4, 7, 9, 12, 16, 20), twoPlusN (N=8), Overlay and Selected Speaker
- Equal and onePlusN layouts dynamically scale as more parties join
- Unicode conference and site names for on-screen display
- Voice activated speaker
- Configurable video carousel
- Unlimited concurrent Virtual Meeting Rooms
- Dynamic conference ID and password without conflict
- Configurable Permanent Virtual Meeting Room and favorite contacts
- Interactive Voice Response (IVR)/ Auto- Attendant audio prompts service

- SIP URI call
- Cascading Video Conference
- Supports VC devices to join an AV-MCU meeting
- Supports SfB (Lync) clients to join Yealink VMR
- Supports P2P call between Yealink device and SfB (Lync) client

### Registrar and Traversal Features

- Supports up to 25,000 accounts
- Supports import and export accounts through EXCEL templates
- Supports ICE/TURN/STUN/NAT/H.460 firewall traversal technology
- Organizational structure and user accounts grouping management
- Third-party devices H.323 and SIP registration
- P2P call without bandwidth and port resources consumption
- Enterprise directory database synchronization
- Synchronize directory from Microsoft AD Server

### Meeting Management Features

- Integration of OA to support scheduling meeting room
- Room system account associated with meeting room
- Schedule video conference and meeting room together through Web or Outlook
- Automatic synchronization of scheduled conference to Yealink video endpoints
- Conference reminder and one-touch conference access
- Automatic dialing and redialing
- Fast creates instant conference (Meet Now) and invites contacts to join in
- WebRTC (Chrome 52+, Firefox 52+, Safari 11+)
- Training mode conference and lecturer view

### Conference Control Features

- Personal layout and broadcasting layout
- Invite/remove participants
- Lock/unlock and end conference
- Conference lobby
- Mute/unmute audio and video
- Block/unblock audio
- Apply for speaking in training mode
- Participants' role free switching between broadcasting and interactive

- Invite contacts, H.323/SIP device, SfB (Lync) client or RTMP address
- Manual/automatic roll call and export record
- Fast call
- Auto HD Recording, broadcasting and media file download
- Conference banner and conference process
- Dynamic/static subtitle messaging to individual or all parties
- Display or hide participant name and status
- Call statistics
- Far-end camera control

### System Management Features

- Friendly Web UI and setup wizard
- Web-based real-time dashboard for network administration
- Real-time data updates on capacity and system information
- Email notification and configurable SMTP email template
- User customization
- Number resource allocation
- SNTP or manual setup time and DST
- License management
- Statistics and analysis of conferences, MCU resource and CDR
- Global call strategic policy and video display policy
- Personal SIP Trunk IVR
- Import trusted CA certificate
- Blacklist, whitelist and intelligent security strategy
- System upgrade, backup/restore, reboot/factory reset and system log
- Device firmware automatic upgrades and device log remote exported

### Network and Security Features

- H.323/SIP/RTMP
- Dual stream protocol: H.239/BFCP/RDP
- TCP/IP (IPv4), static IP
- SRTP/TLS, AES (256) encryption
- HTTP/HTTPS Web Server
- SSH remote secure access
- Configurable QoS of DiffServ(DSCP) and IP Precedence (ToS)

## 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.

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## 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.



Ihr Videokonferenzpartner in der Schweiz

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