

Yealink Meeting Server (YMS)

Powerful collaboration software makes meeting simpler



Enterprise Communication Challenges

Globalization, mobile devices and an on-the-go work environment are changing how and where employees communicate, collaborate, share and manage information. Organizations must meet these changes to remain competitive in the workplace. At the same time, business demands require that teams from around the world come together and work more efficiently, improve business processes and ultimately make the right decisions faster. Simply put, organizations must find a better way to make collaboration simpler.

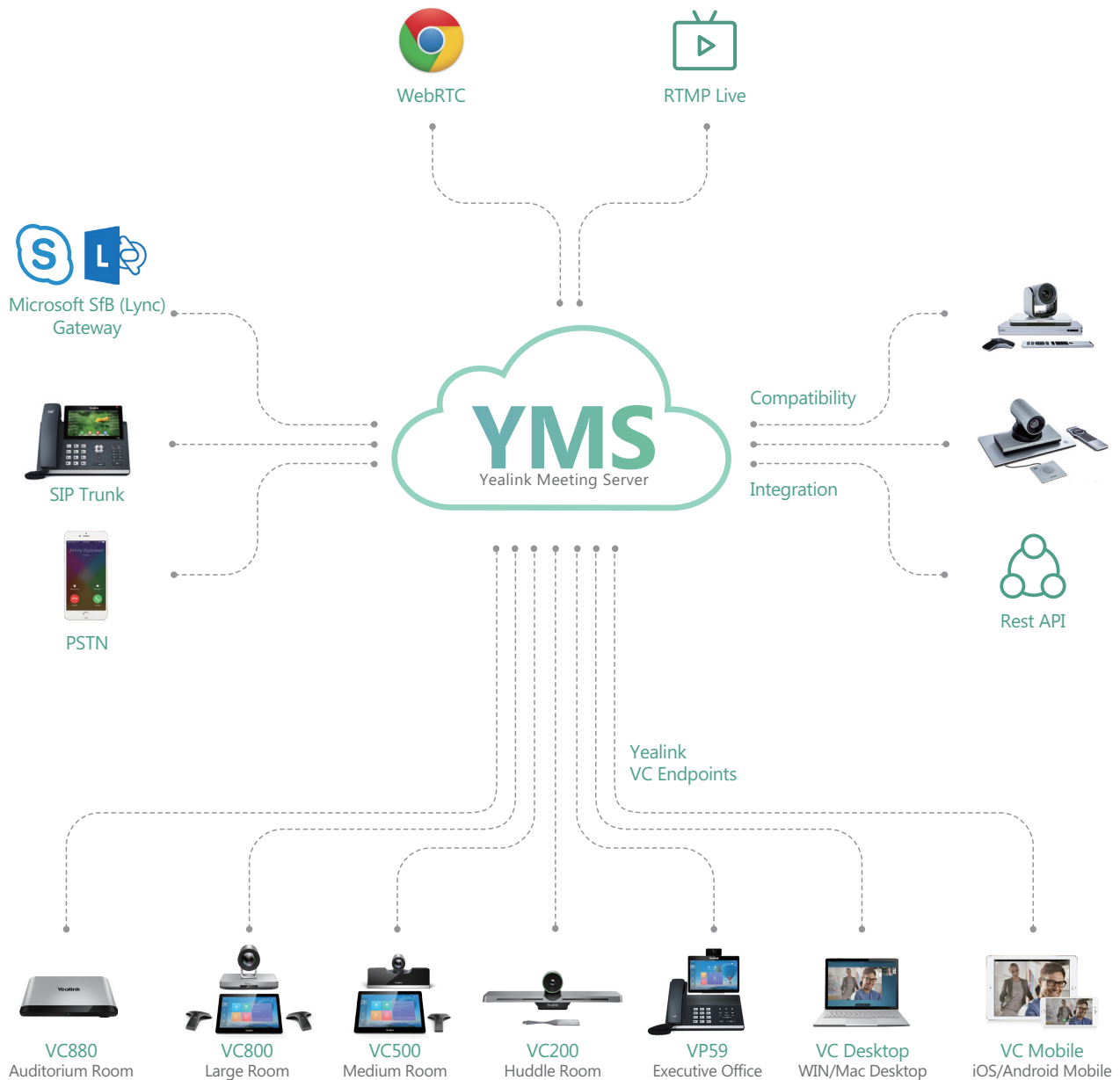
What is YMS

YMS 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 together a host of key features and services: MCU, registrar server, directory server, traversal server, meeting and device management server, SIP Trunk, WebRTC server, GK & H.460 server, Microsoft Sfb (Lync) gateway, recording server and collaboration server.

Why Choose YMS

YMS delivers a comprehensive set of tools for organizations to simplify collaboration with a powerful and flexible solution that improves communications, increases productivity and builds better teams. YMS connects people with crystal-clear audio, HD video, content and web collaboration, bridging locations across any distance or device and providing users with an enjoyable conferencing experience while cutting costs and improving efficiency.

Broad Integration and Interoperability



Yealink Meeting Server (YMS) Overview

- Multiple modes to create conferences
- Visually connect colleagues from any device, anywhere
- Optimal conference experience
- Conference statistical analysis

Key Features of Yealink Meeting Server

Multiple modes to create conferences

YMS supports multiple video conference modes to satisfy diverse demands, including P2P calls, ad-hoc and scheduled conferences, and training mode. Integrated with OA features, it enables people to schedule video conferences and meeting rooms at the same time through a PC Client, on the Web or via Microsoft Outlook. Conference reminder and one-touch conference access are displayed on endpoints for quick user engagement.



Visually connect colleagues from any device, anywhere

Enabling multiple ways to join a conference, YMS offers an effective real-time experience, putting an end to typical network and conferencing challenges. At the office, users can enjoy a simple HD video conference thanks to the room system. On the road, they can join a conference with their PC or mobile device software, or even by simply opening a web browser, attending by dial-in is also available.

Optimal conference experience

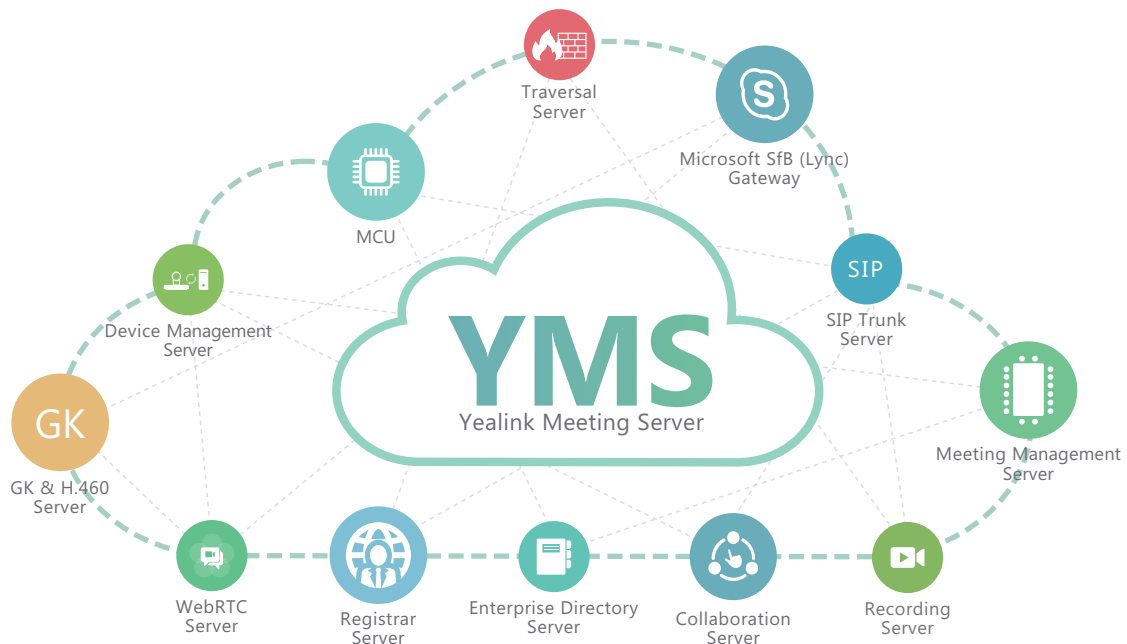
YMS addresses the needs of various conferencing scenarios with rich conference control features, including mute/unmute, turning on/off camera, sharing meeting info, recording, customizing conference video layout for each participant, etc. In addition, YMS supports collaboration features including content sharing, whiteboard and annotation, which greatly improves conference efficiency.



Conference statistical analysis

Graphic display of conferences, MCU resources and call detail records effectively improve resource statistics and analysis for the administrator. Remote diagnosis and management improve the management efficiency of the YMS platform. Adding external recording server enables media recording, storage and on-demand learning.

Benefits of Yealink Meeting Server



Cloud-based Video Collaboration Infrastructure

All-in-One



Brings MCU, Registrar Server, Traversal Server, Meeting and Device Management Server, Enterprise Directory Server, SIP Trunk Server, WebRTC Server, GK & H.460 Server, Microsoft Sfb (Lync) Gateway Server, Recording Server and Collaboration Server together.

Comprehensive Compatibility



With H.323/SIP protocols and embedded GK & H.460 Server, YMS is compatible with mainstream endpoints and MCU products. What's more, YMS supports interoperability with Microsoft Sfb (Lync) clients for audio, video and content sharing.

Security and Reliability



Based on advanced distributed architecture and server cluster technologies, YMS realizes multi-host hot standby and node management. Powerful FEC & bandwidth dynamic adaptive adjustment ensure real-time communication even in a weak network environment.

Ultra-Large Conference Capacity



YMS provides multiple large-scale conferencing solutions. The federation cascading solution meets the needs of multi-level government organizations. Our exclusive interactive broadcast conferencing solution supports webinars with up to 1500 participants. YMS can also support more than 10,000 online viewers to watch a RTMP Live meeting simultaneously.

Extensibility and Openness



Rest API, PC and mobile soft client SDK are open to third-party developers, which supports system integration customization.

Yealink Meeting Server Specification

Features		Yealink Meeting Server
Server Module	All-in-One	MCU, Registrar Server, Traversal Server, Meeting and Device Management Server, Enterprise Directory Server, SIP Trunk Server (Video & Audio), WebRTC Server, GK & H.460 Server, SfB (Lync) Gateway, Recording Server, Collaboration Server
Conference Capability	Concurrent Calls	By license
	Additional Audio Calls	40 ways
	Concurrent VMR	Unlimited
	Broadcasting Interactive Conference	Up to 1,500 parties from External Server
Communication Protocols and Codecs	Communication Protocols	SIP / H.323 / RTMP
	Dual Stream Protocols	BFCP / H.239 / RDP
	Video Codecs	H.264 High Profile, H.264, H.263+, H.263, VP8
	Audio Codecs	Yealink ARES, Opus, G.722.1C, G.722.1, G.722, G.711(μ/A), G.729, AAC-LC
MCU Features	Resolution	Up to 1080P60
	Distributed Architecture	Server Cluster Management & Multi-host Hot Standby
	Server Federation	Server Federation Management & Multi-server Cascading
	Universal Transcoding & Continuous Presence	√
	MCU Stack Technology	√
	Cascading Video Conference	√
	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
	Microsoft SfB Interoperability	P2P call and join conference with video, audio and content sharing
	Recording	Recording, VOD and Management with extra license
	Other Functions	Join With Browser (WebRTC), Automatic Dialing & Redialing, RTMP Live, Audio IVR, Display Native Video and Content, Display audio parties, Chat in Conference, Whiteboard and Annotation
Safety and Reliability	Bandwidth Dynamic Adaptive Adjustment	Anti 30% video and 70% audio packet loss, QoS
	Security Protocols	TLS / SRTP / HTTPS / SSH, AES-256bit
	Firewall Traversal	Deploy conferencing nodes in a public DMZ: Enables deployment of privately-addressed conferencing nodes behind NAT firewalls; allowing external parties to connect directly via a public address.
Meeting Management Features	Schedule Video Conference & Meeting Room	Through Web, Outlook Plugin or PC Client
	Multiple Conferencings	P2P Call, Meet Now, Ad Hoc, Scheduled Conferencing, Permanent VMR
	Multiple Conference Mode	Training Mode, Discussion Mode and Lecturer View
	Integration with Yealink VC Endpoints	Sync Conference Information, Conference Reminder, One-touch Conference Access, Apply for Speaking
	Conference Control	Invite/Remove, Lock/Unlock/End Conference, Conference Lobby, Conference Monitoring, Mute/Unmute Video & Audio, Block/Unblock Audio, Change Roles, Roll Call, Call Statistics, Conference Banner / Subtitle / Agenda, FECC
	Personal Layout	Voice Activated Speaker, Video Carousel, Customized Layout and Application Parties
Registrar and Traversal Features	User Accounts	Organizational Structure and up to 100,000 accounts
	Enterprise Directory Synchronization	√
	LDAP	Synchronize directory from Microsoft AD Server
	Third-party Device Registration	SIP / H.323
	Traversal Features	ICE / TURN / STUN / NAT / H.460
System & Device Management	Virtualization Deployment	VMware & Hyper-V
	Web Management	Friendly Web UI and Setup Wizard
	Customization	Web & Logo, Email Template, Audio IVR and SIP Trunk IVR
	Administrator Authority Management	Multilevel Administrator Management Authority
	System Status Monitoring	Web-based real-time dashboard & data update on capacity and system information
	Resource Statistics Management	Graphic display and statistics & analysis of conferences, MCU resources and CDR
	System Maintenance Management	Remote Upgrade, Backup/Restore, Reboot/Factory Reset and Syslog, Network Ping, Packet Capture
	Device Remote Management	Device firmware auto upgrade and device log remote exported
	System Security Management	Blacklist, Whitelist and Intelligent Security Strategy
Language Support	English, Russian, Portuguese, Spanish, Polish, Simplified and Traditional Chinese	

Yealink



YEALINK NETWORK TECHNOLOGY CO., LTD
E-Mail: vcs-info@yealink.com | Website: www.yealink.com

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