MediaConf Standard MC-1000
Video Conferencing Server

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MediaConf is an IoT Video Conference Server that allows small organizations to host their own self-managed Video Conference service without paying for cloud based solutions. The solution is designed to be reliable, using Intel IoT solutions and an embedded operating system, delivering a robust video conference solution in an appliance form factor. MediaConf uses WebRTC protocols allowing the popular browsers to be used as conference endpoints. This greatly simplifies the operation and maintenance of the solution and minimizes your IT support requirements to operate the system.

Why no client software?

V-eCom's solution supports WebRTC, an open framework for the web that enables Real-Time Communications (RTC) capabilities in the browser. Most of the popular browsers support this capability and allows integration of video and audio capability into a browser. The functionality is supported by popular browsers such as Chromium/Chrome, Safari New Edge, Firefox and Brave. Although we can provide native apps for iOS and Android, mobile browsers also support WebRTC.

Functionality

Video Conferencing with Audio and Video
Support for Screen sharing of specific apps or desktop
Chat and Raise my Hand
Authentication and Security
Secured or Anonymous account users
Designed using an embedded OS and architecture
Simple to use and operate
Appliance architecture with "pull the plug" functionality
User database with support for guest accounts with Moderator logins before meeting start.
WebRTC and Web interface – no additional software
Works with Android iOS Windows Linux or Mac
SFU based video conference solution
Unmetered video conferencing
Allows up to three concurrent rooms and 20 or more participants per room*

*Number of participants with video will depend on several factors including bandwidth provided to MediaConf Standard, bandwidth of participants and CPU capabilities of participant endpoint devices. More participants are possible if the number of active video streams are limited to 10 or less.

Most video conferencing systems are cloud based and require users to communicate with centralized servers. MediaConf allows low latency communications with your team because the server simply needs a FQDN, a Live IP address and Internet bandwidth to operate. This puts control, security and reliability in the hands of the organization. MediaConf focuses on security by allowing you to register only authorized users with a secured meeting functionality.

Main Hardware Features

- Intel® Core™ i5-10210U Processor (6M Cache, up to 4.20 GHz) Intel® UHD Graphics for 10th Gen Intel® Processors
- 8G DDR4 2666
- 256G SSD
- 4xUSB3.0
- 12V DC power supply
- LAN and Wireless LAN
- HDMI
- Small footprint server