

QUBIT

qTalk

# The solution

- A good meeting is more than just a perfect presentation. It's about connecting with people you're engaging with. With **qTalk**, you can create your own personal meeting room, anytime and invite your customers and colleagues over a video conference without investing in additional hardware. It delivers high quality sound, stunning image, and a hassle free connection to achieve between both Intranet and the Internet connection.

# Features and Specs

- Operating system – Linux
- Architecture – Server Based
- Video Quality - HD
- Conference Scheduling alerts by Email & SMS
- Open Standard SIP protocol support
- Web Based User-Friendly GUI
- Conference Reports
- Secure Conferencing

# Features and Specs

- Flexibility to use any suitable User terminal like Laptop, PC, Video Phone, Etc.
- Ordinary telephones and audio IP Phones can also join.
- Interconnect for mobile devices.
- Facilitates user to share desktop, presentations and chat.
- Participants can join the conference via a simple URL or moderator can Invite users to the conference by sending Link.
- qTalk supports advance video routing tools like Bandwidth estimation.
- Moderator can maintain control of camera & mic of all participants. Can mute kick out or invite users.
- Hand raising option to gain moderator attention

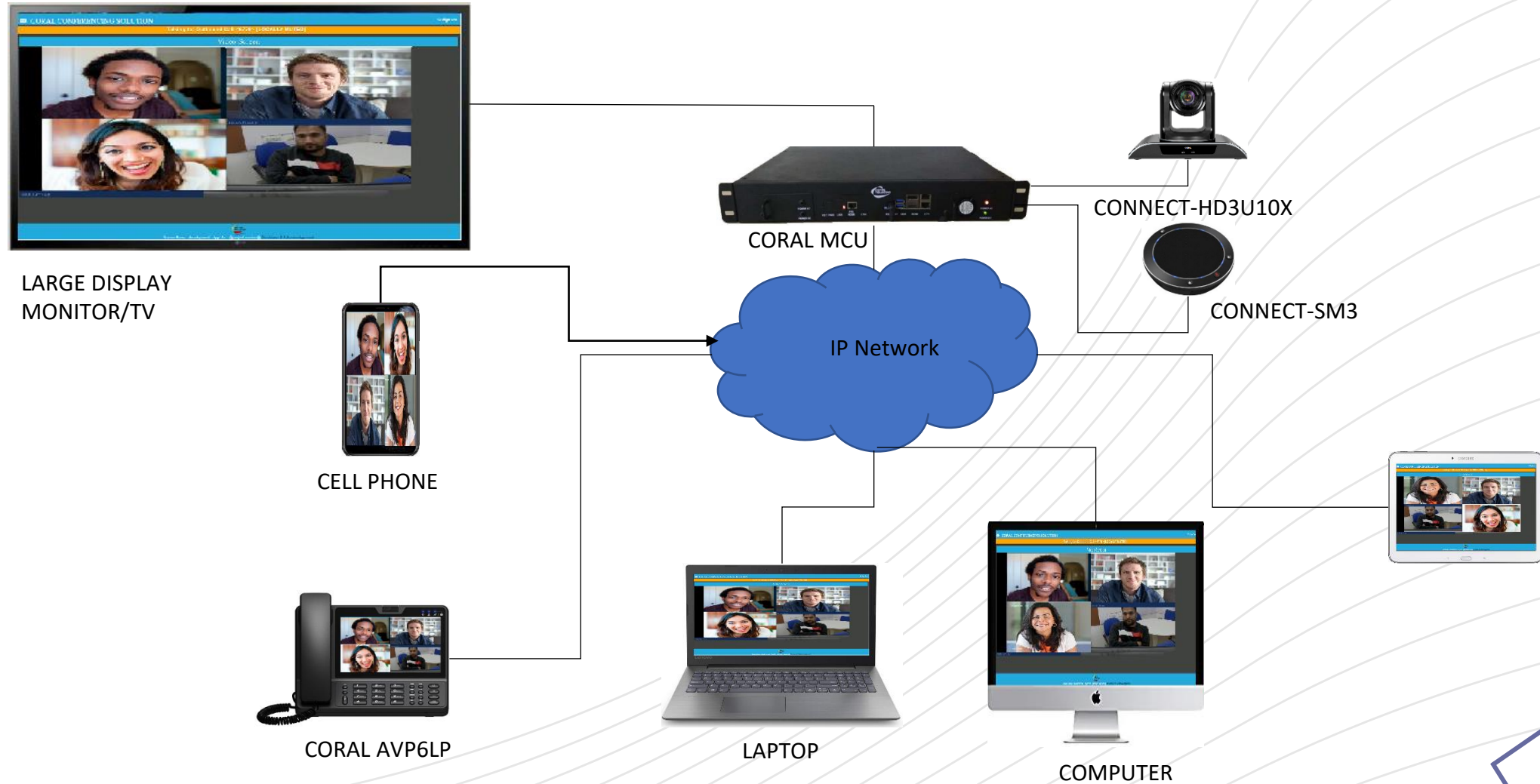
# Security and Sizing

- Multi layered security option 802.1x (device specific), MD5 hashing for passwords, VPN with ISAKMP encryption for entire payload, TLS for signaling and AES for video payload. All or some of these security elements can be used based on vulnerability perception & compute power optimization.
- It would require 16 Core processor and 64 GB RAM & 4 GB bandwidth for 1000 users. This is linearly scalable.

# Components

- Video Conference Server
- Conference Room Camera Along-with Speaker & Mic
- Laptop or Desktop with webcam for Conference Moderator
- Video IP Phone for Video Conference Client
- Intranet or Internet Network
- Mobile/handheld device for Video Conference Client.
- SIP Audio phones

# Framework





# Intelligent frame placement

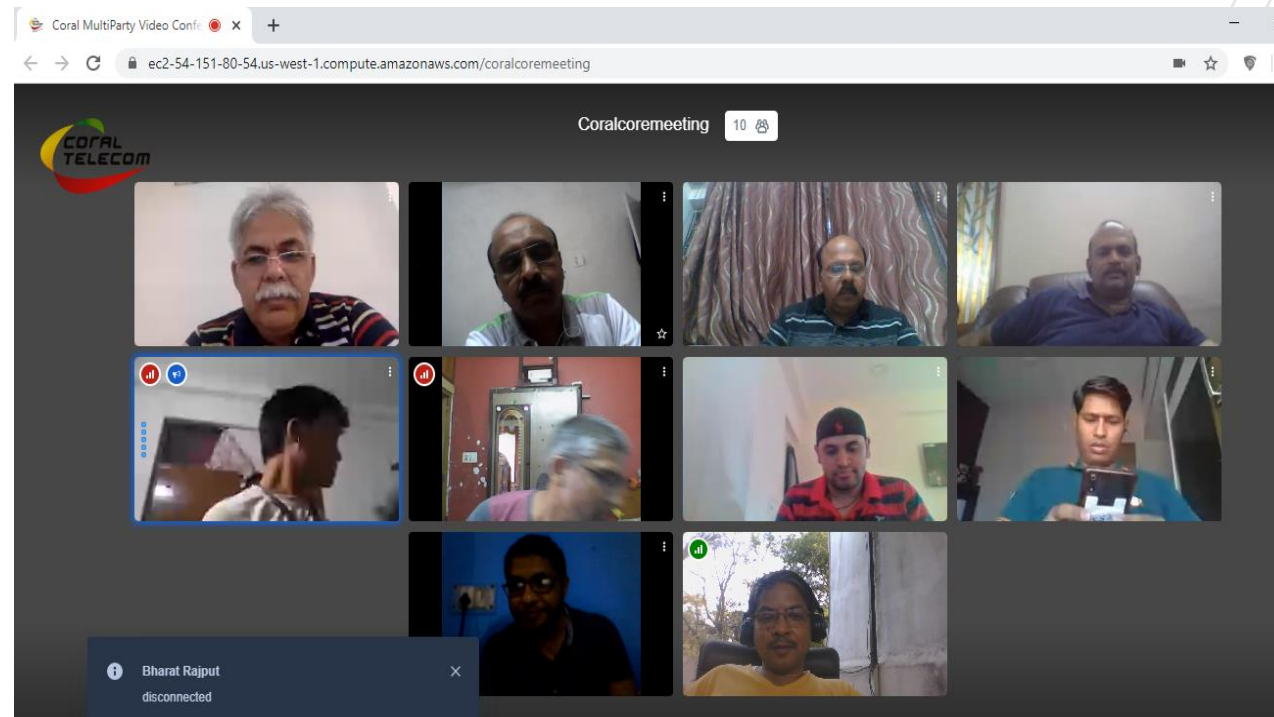
qTalk offers Intelligent video placement video screen is optimized based on number of participants.





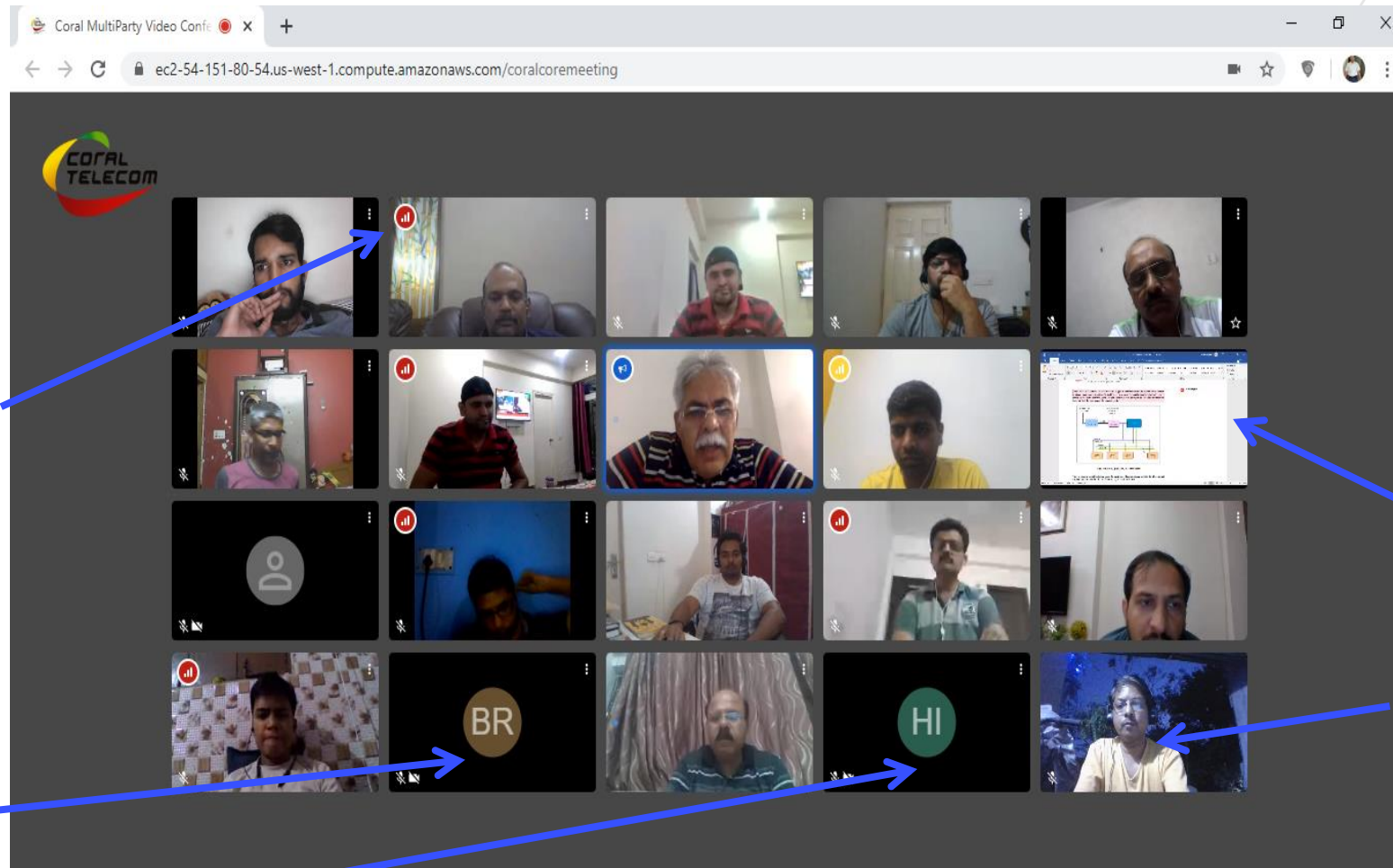
# Alerts and notifications

- Alerts of activities on Video screen to all users or specific user



User  
Disconnection  
Alert

# Alerts and notifications



Participant Network status

Screen Share During Conference

Mic Mute/ Unmute Icon Appears on Screen if participant Muted

Participant Name appears on Screen if his Video is OFF

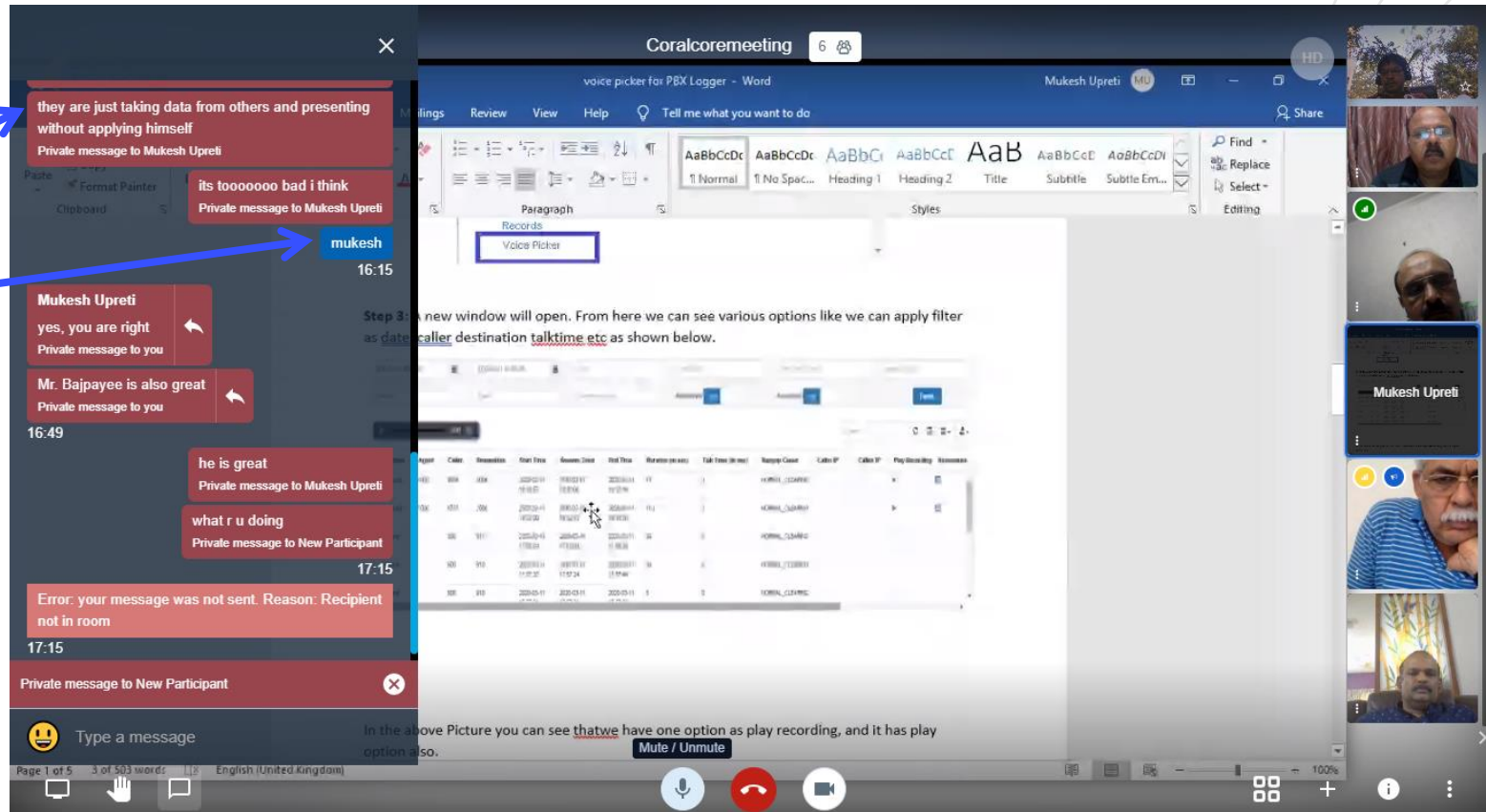
Camera ON/OFF Icon appears on screen if Participant's Video is OFF

# Chat during VC

- qTalk allows users to chat with each other privately or in group during live video conference.



# Chat during PPT



Private Chat

Group Chat

Message reject Notification of Private Chat

Thanks!  
**Any questions?**



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