

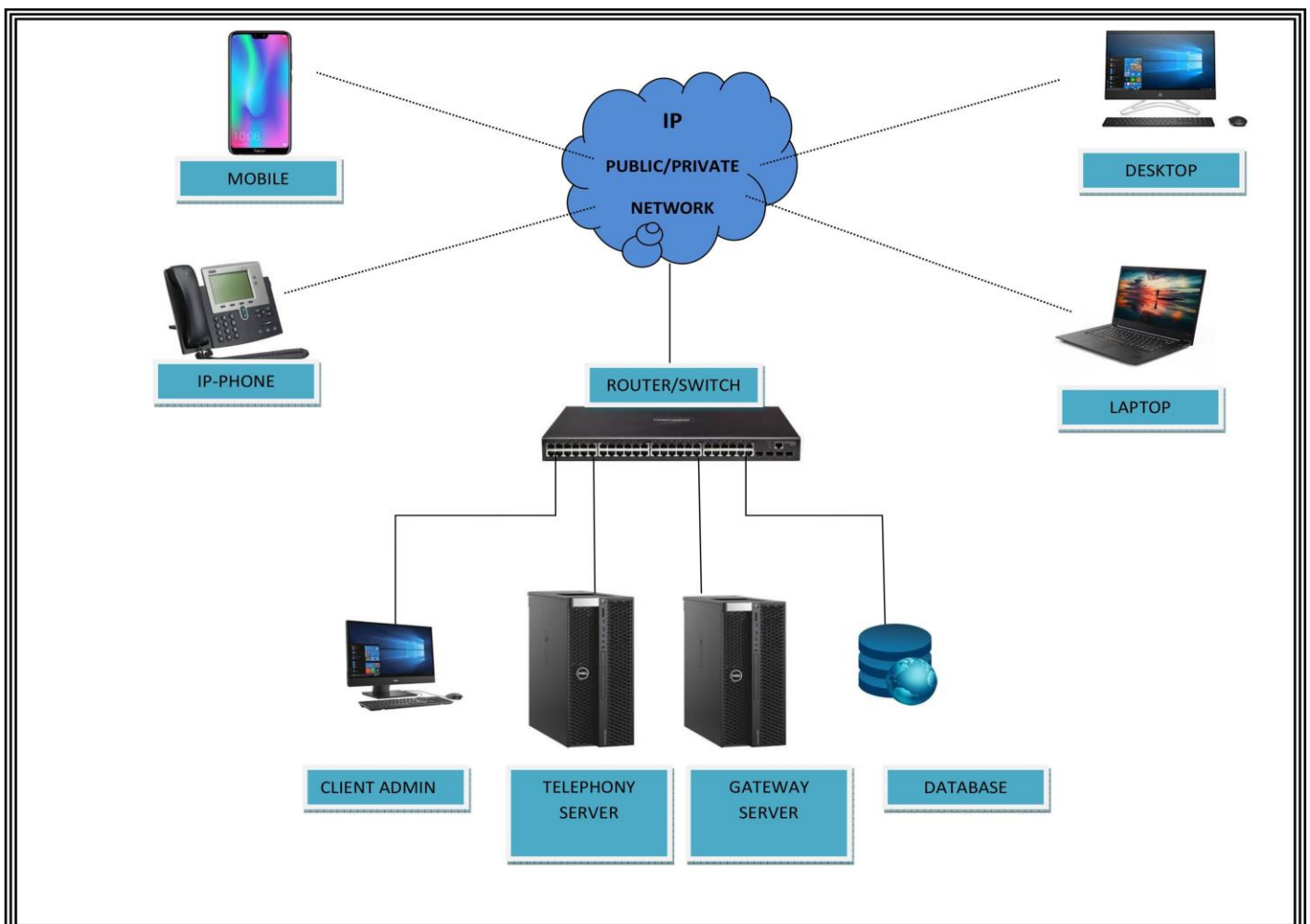
SMART CONFERENCING (VIDEO AND AUDIO)

Intro to Video Conferencing

Today for business video conference has become very important communication tool . When company is growing, offices are expanding across the world and your employees are asking for flexible work schedules, online meeting tools and more modern and effective collaboration spaces. While you know video conferencing can help address these requests and create better communication and collaboration across dispersed sites, the idea of implementing it seems a bit overwhelming.

Keeping the need of today Baytalkitec a pioneer in video solution has launched web based video conference platform. Baytalkitec video conferencing solution is made up of a central cloud-hosted infrastructure routing calls between video-enabled devices. It is essentially meeting various device endpoints like browser, Mobile, IP phone. Cloud-based delivery models make it easy to use and one central server can be used by users/ offices anywhere in global.

Block DIAGRAM



BTT Smart conference is based on latest technology WebRTC. It offers seamless integration of browser as endpoint without having any client installed in the system. By adding BTT mobion the conference application gets integrated with mobile device, SIP IP phone. The platform can work under corporate private cloud and public cloud. Supports transport security TLS and SRTP for media. All communications between endpoint and application server uses HTTPS. The platform is scalable, open architecture and at the same time it is very cost effective. By having the deployment in the private / Public cloud the companies can create different groups within their origination as if they have individual services available for each group.

Features

- Up to 30 concurrent video conferences.
- Private / Public Cloud based architecture
- Browser support no client required
- Device support Smartphone, SIP IP Phone, Browser
- Peer-to-Peer based communication solution for all devices.
- Not dependent on OS, proprietary plug-in or other programs
- Most known for video chats between Google Chrome and Mozilla Firefox
- Recording status indicator
- Audio line mute state change prompts

Desktop, Mobile and Browser Applications

- Full participant list
- Recording status indicator
- Meeting lock status indicator
- Mute/un mute audio of participants (host)
- Expel participant from meeting (host)
- Lock/unlock personal room meeting (host)
- Record meeting (host)

Web Management

- Configuration, call, diagnostics and management functions are accessible with browser

Video Codec Support

- H.263
- H.264
- VP 8

Audio Codec Support

- G.711 (A-law and a-law)
- Speex

- Opus
- G.729

Type of conference supported

- Take conference
- Schedule conference
- Auto dial

Protocol and security

- Advanced Encryption Standard (AES) 128-bit encryption
- Signaling protocol support: SIP, SIP Transport Layer Security (TLSv1.2),
- Media protocol support: Real-Time Transfer Protocol (RTP), Secure RTP (sRTP), and Real-Time Control Protocol (RTCP)

Network Protocols

- DHCP, DNS, HTTP, HTTPS, RTP/ RTCP, , STUN, TCP / IP
- Auto NAT discovery HTTP and STUN

Benefits:

- Helps reduce costs and allows IT to focus on core business priorities
- Provides high scalability and availability as a cloud-based service
- Easy to roll out and expand as the organization grows
- Meet online just as if you were face to face
- It offers a scalable architecture

Support Services

Baytalkitec will do the customization of the service help ensure that video collaboration rollouts are successful and aligned to business requirements. Support services maximizes up time with software updates, upgrades, remote maintenance and expert repairs.