

Media Resources

Software MTP (Based on Cisco IOS)

Software MTP : CUCM -IP Voice Media Streaming Service (IPVMS)

- Conference bridge
- Music on Hold (MoH)
- Annunciator
- Media termination point (MTP)

MOH

Unicast MoH call flow is initiated by a message from Unified CM to the MoH server

Multicast MoH call flow is initiated by a message from Unified CM to the holdee device. This message instructs the endpoint device to join the multicast group address

DSP

Transrating: connects 2 streams that utilize the same codec but with a different packet size.

Traditional transcoding :Transcoding from G.711 to any other codec.

Universal transcoding : Transcoding between any two non-G.711 codecs.

++A transcoder is capable of performing the same functionality as (MTP).

In cases where transcoder functionality and MTP functionality are both needed, a transcoder is allocated.

Annunciator

Automatically created when IPVMS is activated.

Cisco Multilevel Precedence Preemption (MLPP) uses Annunciator feature

MTP

Re-Packetization of a Stream:transcode

G.711 a-law audio packets to G.711 mu-law packets and vice versa

DTMF Conversion : KPML : use a SIP SUBSCRIBE message to register for DTMF digits. Digits themselves are delivered in NOTIFY messages containing an XML encoded body

H.323 Supplementary Services

H.323 Outbound Fast Connect

For inbound Fast Start, no MTP is required. Outbound calls on an H.323 trunk do require an MTP when Fast Start is enabled.



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