





PSTN	P Originated Call; IM-MGW Megaco/ IMS Core Network	Called UE	Copyright © 2013 EventHelix.com
, cini			
nversation Mode			
Voice	RTP voice packets		Conversation is now in progress. The voice is carried as PCM between the PSTN and IM-MGW.
			Conversation is now in progress. The voice is carried as PCM between the PSTN and IM-MGW. The IM-MGW converts the speech into RTP packets and back. The RTP communication takes pla directly between the IM-MGW and Called IMS subscriber.
			directly between the IM-MGW and Called IMS subscriber.
TN Initiated Call Release			7
			A call release has been received from the PSTN side.
ISUP REL			
			MGCF initiates IMS side call release by sending BYE.
	BYE		inder initiates into side call release by seriality bit.
			The called subscriber is notified that the call has been released.
		Call release	
			→
	SUB.req		Request IM-MGW to Release TDM Termination. A Megaco SUBtract request is sent to release the PSTN side TDM circuit.
Context ID = C1,	SUB.req		
Termination ID = TDN	1		
H 248 [.]	SUB.resp		IM-MGW acknowledges.
Context ID = C1, Termination ID = TDN			
Termination ID = TDN	1		
			Dequest IM MCW to Delegas DTD Termination A Magaza SUBtract request is capt to release th
H.248	SUB.req		Request IM-MGW to Release RTP Termination. A Megaco SUBtract request is sent to release th IMS side RTP termination.
Context ID = C1, Termination ID = RTP	· · · · · · · · · · · · · · · · · · ·		
			IM-MGW acknowledges.
H.248:	SUB.resp		
Context ID = C1, Termination ID = RTP			
			MGCF signals ISUP Release Complete to the PSTN network.
ISUP RLC			
			A she such days the DVE that uses are should form the 1940 and the
	200 OK (E	SYE)	Acknowledge the BYE that was received from the IMS network.

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lence diagram was ge	nerated with EventStudio System E	Designer (http://www.EventHelix.com/Eve	entStudio).

	cenario: Called IMS Subscriber		
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This call flow covers the handling bearer termination. When the MC	g of a CS network originated call GCF receives an answer indication	with ISUP. In the diagram the M n, it requests the IM-MGW to be	IGCF requests seizure of the IM CN subsystem side termination and CS network side otherway through-connect the terminations.
This sequence diagram was gene	erated with EventStudio System [Designer (http://www.EventHelix	.com/EventStudio).
ISUP IAM Handling and Initial IN	M-MGW and MGCF (Mn) Interact	ions	
Initial Handsh	ake between MGCF and IMS CSC	CF Servers]
Mn Interactions for Codec select	tion]
ISUP ACM related interactions of	on Mn interface.		
IMS Answer to ISUP ANM Hand	ling]
Conversation Mode]
Called Subsciber Initiates Call Re	lease		
		Call Release	Called subscriber decides to release the call.
			BYE is sent to initiate the call.
	E	YE	
	200 0	K (BYE)	MGCF acknowledges the receipt of the BYE message.
ISUP REL			An ISUP Release message is sent to the PSTN.
			Poquest IM MCW to Polesso PTP Termination. A Medace SUBtract request is sent to release the
	SUB.req		Request IM-MGW to Release RTP Termination. A Megaco SUBtract request is sent to release the IMS side RTP termination.
Context ID = C1, Termination ID = RTP1			
			IM-MGW acknowledges.
H.248: 5 Context ID = C1,	SUB.resp		
Termination ID = RTP1			
			Request IM-MGW to Release TDM Termination. A Megaco SUBtract request is sent to release the PSTN side TDM circuit.
Context ID = C1,	SUB.req		
Termination ID = TDM1			

PSTN	IMS Core Network	Called UE	Copyright © 2013 EventHelix.com
			IM-MGW acknowledges.
H.248	: SUB.resp		In now doctomodyps.
Context ID = C1, Termination ID = TD			
	IVI I		
			ISUP Release complete is received from the PSTN side.
ISUP RLC			
	r		
ence diagram was ge	enerated with EventStudio System Des	igner (http://www.EventH	elix com/EventStudio)