PoC Server B Interface	ces (IMS PoC Client Invitation)						
Wireless Network A	, ,					Network B	EventStudio System Designer 4.0
User Equipment A	IMS Network A		IMS Net	work B	User Eq	uipment B	<u> </u>
PoC Client A	PoC Server A IMS (Core A IMS	Core B	PoC Serve	B PoC (lient B	29-Jun-08 11:31 (Page 1)
phone indicates it is 0	K to do so. The user releases th	e button when he or s	she is done s	peaking.			nicate by simply pressing a button and speaking when the
When a user begins to the users in the session		resources and notific	es other user	s in the PoC se	ession that the us	er is speakin	g. The PoC server then delivers the speech packets to all
PoC is resource efficie participants speaking.	nt as it allocates resources only	when a user is actua	lly speaking.	This makes it	suitable for applic	ations where	e there are long gaps between individual session
This flows covers the	case where PoC Client A invites	PoC Client B to a Pre	-established S	Session by ser	ding SIP REFER	request to Po	oC Server A.
This sequence diagram EventStudio source file	n was generated with EventStud es for this document can be dov	o System Designer 4 Inloaded from http://v	1.0 (http://wwwww.eventhe	w.EventHelix.c lix.com/call-flo	com/EventStudio) ow/ims-poc-pre-e	. Copyright @ stablished.zi	2008 EventHelix.com Inc. All Rights Reserved. The p.
IMS Registration and PoC Session Pre-establishment							
		IMS Registration	on and PoC Sess	ion Pre-establishr	nent (Click here for d	etails) P	PoC Client B registers and pre-establishes the PoC session. Click on the action box to see details.
Invite Client B to a ses	sion with SIP REFER			1			
PoC Server A invites P	oC Client B			l		I .	
			Contact: <sip:sessic< td=""><td>PoC-UserB @networkB.noC-UserA @networkA.netnABCDEF @rkA.net; session1-1>;</td><td>net>, t>,</td><td>T</td><td>The IMS Core B forwards the INVITE to PoC Server B. The IMS Core A resolves the IMS Core B address of the PoC Client B and forwards the SIP INVITE request to the IMS Core B.</td></sip:sessic<>	PoC-UserB @networkB.noC-UserA @networkA.netnABCDEF @rkA.net; session1-1>;	net>, t>,	T	The IMS Core B forwards the INVITE to PoC Server B. The IMS Core A resolves the IMS Core B address of the PoC Client B and forwards the SIP INVITE request to the IMS Core B.
			■ 100 Tr	ying		T 1	The PoC Server B responds to the SIP INVITE request with a SIF 00 Trying provisional response.
			100 OK (INVITE)		a C T to ro	The PoC Server B receives the SIP INVITE request, identifies that uto answer is defined for the PoC Client B and that the PoC Client B has already a Pre-established Session established. Therefore the PoC Server B sends a SIP 200 (OK) final response to the SIP INVITE request to the IMS Core B. The SIP 200 (OK) esponse is sent along the signaling path. The SIP 200 (OK) esponse contains the SDP answer including the accepted median formation (e.g. Codecs, IP address and port number(s) of the PoC Server B) and accepted Media Burst Control Protocol.
Media Burst Control P	rotocol (MBCP) Session Setup ι	sing RTCP Port					
			AC	MBCP Med	MBCP Connect ol = RTCP APP dia Burst Acknowledg ol = RTCP APP	T ement T	The PoC Server B sends the MBCP Connect to the PoC Client B. The message includes the PoC Session Identity. The PoC Client B acknowledges the reception of the MBCP Connect message.
Talk Burst from PoC C	lient A to B			•			

