IMS Conference (IMS Conference Call)									
Calling UE	IMS Network							Called UE	
Caller User Equipment	IMS 1		IMS 1 MRF		IMS 2			Called User Equipment	EventStudio System Designer 4.0
Conference Initiator	Initiating P-CSCF	Initiating S-CSCF	MRFC-AS	MRFP	Participating I-CSCF	Participating S-CSCF	Participating P-CSCF	Conference Participant	18-May-08 10:40 (Page 1)

This sequence diagram was generated with EventStudio System Designer 4.0 (http://www.EventHelix.com/EventStudio). Copyright © 2008 EventHelix.com Inc. All Rights Reserved. The EventStudio source files for this document can be downloaded from http://www.eventhelix.com/call-flow/ims-conference.zip.

This sequence diagram shows an IMS user creating a conference by using a conference-factory URI. The conference is created at a MRFC-AS of the users home network. The steps involved in the conference scenario covered here are:

- (1) The conference initiator UE uses the conference factory URI to initiate a conference with the MRFC-AS (Multimedia Resource Function Control/Application Server).
- (2) The MRFC-AS assigns a conference URI to the conference and configures the MRFP (Multimeda Resource Function Processor).
- (3) The conference call is setup and the RTP data begins flowing between the conference initiating UE and the MRFP.
- (4) The conference initiator then uses the refer procedure to add more users to the conference. The new users establish a call to the conference URI passed in the refer message.
- (5) When the conference is in progress, RTP media streams are being mixed and propagated to all the participants.











