

SYSTEM AND METHOD FOR MANAGING CALL CONTINUITY
IN IMS NETWORK ENVIRONMENT USING SIP MESSAGING

ABSTRACT OF THE DISCLOSURE

In one embodiment, a scheme is disclosed for managing call continuity in a network environment (100) including a circuit-switched (CS) network and an IP multimedia subsystem (IMS) network (350) wherein a SIP Invite message having a Domain Transfer-URI contained in the Request-URI that is operable to trigger a return of a routable number is utilized. Responsive to the SIP Invite message from a UE device (302), a network node (308) provides a SIP response message (e.g., SIP Alternative Service 380 Response) which includes one or more radio access technologies and an alternative domain available to the UE device (302) for continuing a call from one domain to another domain.

Figure 1