

Title (en)
SYSTEM AND METHOD FOR PROVIDING MOBILE SWITCHING AND MULTI-PARTY SERVICES OVER A PACKET-SWITCHED NETWORK

Title (de)
SYSTEM UND VERFAHREN FÜR MOBILE VERMITTLUNG UND MEHRPARTEIEN-DIENSTE ÜBER EIN PAKETVERMITTLUNGSNETZWERK

Title (fr)
SYSTEME ET PROCEDE DE MISE EN OEUVRE DE COMMUTATION MOBILE ET DE SERVICES DE LIGNES COLLECTIVES DANS UN RESEAU A COMMUTATION PAR PAQUETS

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Abstract (en)
[origin: WO0033518A2] A system and method of providing an integrated wireless packet-switched network system (100, 1202) which includes IP-based switching (207) in a gateway (250) associated therewith. A cellular network portion (102) of the integrated network system comprises a radio network controller (130) for providing radio access services to mobile stations (103). A packet-switched network portion (206) is provided for transporting cellular communication traffic. An interface provided between the gateway and radio network controller includes a first protocol translator (304) for converting Transaction Capability Application Part (TCAP) messaging into IP messaging and a second protocol translator (306) for converting Integrated Services Digital Network (ISDN) User Part (ISUP) messaging into Primary Rate Interface (PRI) messaging. In some exemplary embodiments, either or both of the translators may be integrated within the IP gateway. In a further embodiment, a flash proxy agent (203) is disposed between the gateway and a Multipoint Control Unit (1302) for facilitating multi-party conferences involving ANSI-53 or proprietary flash messaging.

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