

Title (en)
METHOD AND APPARATUS FOR INTEGRATED VOICE GATEWAY WITH INTERFACE TO MOBILE TELEPHONE, IP TELEPHONE AND UN-PBX SYSTEMS

Title (de)
VERFAHREN UND VORRICHTUNG FÜR INTEGRIERTES SPRACH-GATEWAY MIT EINER SCHNITTSTELLE ZUM MOBILTELEFON, IP-TELEFON UND UN-PBX-SYSTEMEN

Title (fr)
PROCEDE ET APPAREIL DESTINES A UNE PASSERELLE VOCALE INTEGREE COMPORTANT UNE INTERFACE AVEC UN TELEPHONE MOBILE, UN TELEPHONE IP ET DES SYSTEMES DE REMPLACEMENT DE PBX

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Application
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Abstract (en)
[origin: WO0069156A1] A communication system (100) and a method for operating the same are described to provide seamless, automatic routing of telephone calls over a public switched telephone network (PSTN 160), an internet protocol (IP) network (145), a public-wireless-network (150) and a private-wireless-network (120). In one embodiment, the system (100) comprises a plurality of gateway networks (105) coupled to the PSTN (160), IP network (145) and the public-wireless-network (150). The gateway networks (105) are configured to automatically select over which of the IP network (145), PSTN (160) or the public-wireless-network (150) to route the telephone call. Preferably, the gateway networks (105) are configured to reroute an in-progress telephone call over the IP network (145) over the PSTN (160) if a delay in transmission of data packets, losses in transmission of data packets, or jitter exceeds a specified maximum. More preferably, the gateway networks (105) are configured so that the routing of the telephone call is substantially transparent to the calling party and to the called party.

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