

Title (en)

SYSTEM AND METHOD FOR PROVIDING USER CONNECTIVITY TO A REMOTE DATA SITE

Title (de)

SYSTEM UND VERFAHREN ZUM VORSEHEN VON GEBRAUCHERVERBINDUNGSMÖGLICHKEIT MIT EINEM ENTFERNTEN DATENSTANDART

Title (fr)

SYSTEME ET PROCEDE DONNANT A UN SITE DE DONNEES ELOIGNE UNE CONNECTIVITE D'UTILISATEUR

Publication

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Application

EP 97939756 A 19970903

Priority

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Abstract (en)

[origin: WO9810573A2] A system and method for enabling a remote user to connect to a remote data site on a communication line, such as a telephone line, wherein the remote user is still able to receive telephone calls from other parties on this same telephone line. This obviates the necessity of the user having to purchase a second telephone line for incoming calls while data communications are being performed, thus reducing access costs. The remote user includes a modem or user telephony communication device configured to connect to a remote data site through the public switched telephone network (PSTN). The communication line or telephone line has a first telephone number. The remote data site includes one or more communication servers which perform intelligent call routing functions. When the user connects to the remote data site on a communication line, either the remote data site or the user telephony communications device performs a call forwarding operation to call forward telephone calls made to the first telephone number to be forwarded to a second telephone number pre-assigned by the remote data site. While the user is performing data communications on the communication line with the remote data site, if another party places a telephone call to the remote user, the call forwarding operation causes the telephone call made to the first telephone number to be forwarded to the second telephone number maintained by the remote data site. The communication server at the remote data site then routes the received telephone call to the user telephony communications device using the communication line that is currently being used for data transfers between the user telephony communications device and the remote data site. This obviates the necessity of the remote user having to purchase a second phone line, since the user can perform data communications with the remote data site while still being able to receive telephone calls.

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