

Title (en)  
TELECOMMUNICATION SYSTEMS

Title (de)  
TELEKOMMUNIKATIONSSYSTEM

Title (fr)  
SYSTEME DE TELECOMMUNICATION

Publication  
**EP 1025679 A1 20000809 (EN)**

Application  
**EP 98949836 A 19981023**

Priority  
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Abstract (en)  
[origin: WO9922497A1] The present invention provides a system for combining separate and incompatible RF packet networks into a hybrid RF packet network offering the least expensive service possible simultaneously with unrestricted territorial coverage. The system comprises two (2) principal components: (i) Hybrid Network Radio (20) enabling access to the hybrid network (105) for a mobile subscriber (10); and (ii) Hybrid Network Gateway (80) enabling access to the hybrid network for a fixed subscriber (100). Both of these components incorporate modules enabling them to: (a) interface to the hybrid network as a single abstract data link with a single Internet address; (b) support access to and from the Internet for the subscribers attached to them; and (c) intelligently select the optimal RF path on which to forward packets through the hybrid network, based on dynamically changing impedance conditions in the individual RF packet networks.

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