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(54) Title (EN): SEAMLESS HANDOVER METHOD AND SYSTEM

(54) Title (FR): PROCÉDÉ ET SYSTÈME DE TRANSFERT SANS COUPURE

(57) Abstract:
(EN): The present invention provides a communication system for performing the seamless handover of a mobile station between at least a first wireless access point and a second wireless access point within wireless LAN. The mobile station is in the coverage of at least the first wireless access point for receiving and/or sending the data from and/or to the first wireless access point. The system comprises a first server for storing data from a data source; a switch for exchanging the data between the first server and the first and second wireless access points; and a second server coupled to the switch, for receiving the data from the first server via a switch when the mobile station roams from one access point to another one, and transferring the stored data to the mobile station through the switch after the roaming.

(FR): Cette invention concerne un système de communication permettant de réaliser le transfert sans coupure d'une station mobile entre au moins un premier point d'accès sans fil et un deuxième point d'accès sans fil au sein d'un réseau local (LAN) sans fil. La station mobile se positionne dans la zone de couverture d'au moins le premier point d'accès sans fil pour recevoir et/ou envoyer les données du/au premier point d'accès sans fil. Le système comprend un premier serveur permettant de stocker des données provenant d'une source de données; un commutateur permettant d'échanger les données entre le premier serveur et le premier et

le deuxième point d'accès sans fil; et un deuxième serveur couplé au commutateur et servant à recevoir les données provenant du premier serveur par le biais d'un commutateur lorsque la station mobile est en itinérance entre un point d'accès et un autre, et à transférer les données stockées vers ladite station mobile par l'intermédiaire du commutateur après l'itinérance.

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