METHOD FOR CONTROLLING WIRELESS COMMUNICATION DEVICES WHEN OPERATING IN A WIRELESS COMMUNICATION NETWORK

Abstract: A method of controlling a wireless communication device to dynamically adapt and update roaming parameters stored in the device when operating in a wireless network. The method includes: determining a first roaming metric (M1) for a first wireless access point (AP) of the network when the device is in communication with the first AP; determining a second roaming metric (M2) for a second wireless AP of the network when the device has roamed to the second AP; and determining an adaptation value by subtracting M2 from M1. When the adaptation value is not zero, first roaming parameters associated with the first wireless AP and second roaming parameters associated with the second wireless AP are updated based on the adaptation value and stored first roaming parameters associated with the second wireless AP.
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