CHOOSING THE BEST MULTI-OPERATOR NETWORK

Predicting the best Wi-Fi, 3G or 4G operator and network

Technological advantages

Making use of user feedback

The quality of a Wi-Fi, 3G or 4G connection:

Operators: Quality of Service (QoS)

Users: Actual Quality of Experience (QoE)

Chooses QoE over QoS

Progressive and predictive

-Thanks to the accumulation of experience, the system compiles a customised list of networks according to different parameters: geographical position, time of day, etc.

-Automatic connection to the best network

Summary of the invention

Software for assessing the QoS and QoE of available networks. By favouring QoE, it is able to identify the best networks and compile customised lists in order to anticipate future connections.

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Example of an application: creation of a list of Wi-Fi networks

Commercial advantages

Accessibility/Fast implementation

Smartphone-compatible

Software: no need to change device

Data sharing

Works for an entire community (collaborative tool): mapping generated by users

A way of assessing service providers

Potential applications

Mobile Virtual Network Operators (MVNOs)

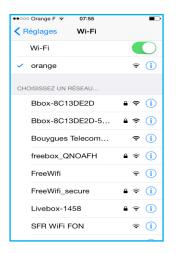Offers an optimal solution for their choice of network

Telecoms operators

They can assess their own networks according to user experience

Identifies «white spots» and/or saturated zones

Developers of smartphone apps

Automatic Wi-Fi, 3G or 4G connection according to quality of experience and passwords

TRL 4 (software at prototype stage)
Patented invention available under licence

Industrial applications and spin-offs of space technologies