



# ITS 30

Edition 1/September 2003

**Interface Technical Specifications**  
*for France Telecom's network*

*As required by Directive 1999/5/EC*

## **Characteristics of the interface of the WiFi Hotspots of France Telecom / Orange France**

**Summary :** This document provides the characteristics of the interface of the WiFi Hotspots of France Telecom / Orange France

### **Warning :**

"Only the French text is authentic; therefore France Telecom accepts no responsibility or liability whatsoever with regard to any information or data referred to in this document".

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1. due to various technical constraints, some services or service options may not be available on some interfaces or in some location,
2. a service description in this document, for a service not yet open commercially, can in no case be considered as an undertaking that France Telecom will actually open this service.

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## 1. GENERAL CHARACTERISTICS OF THE WiFi HOTSPOT INTERFACE

The reference documents/standards for the interface of the WiFi Hotspots of France Telecom / Orange France are as follows (they have been approved respectively by IEEE and ETSI).

- IEEE 802.11b edition 1999, and more precisely :

IEEE Std 802.11, 1999 Edition (R2003) (ISO/IEC 8802-11: 1999) IEEE Standard for Information Technology - Telecommunications and Information Exchange between Systems - Local and Metropolitan Area Network - Specific Requirements - Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications

IEEE 802.11b-1999 (R2003) Supplement to 802.11-1999, Wireless LAN MAC and PHY specifications: Higher speed Physical Layer (PHY) extension in the 2.4 GHz band

802.11b-1999/Cor1-2001, (R2003) IEEE Standard for Information technology—Telecommunications and information exchange between systems—Local and metropolitan area networks—Specific requirements—Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) specifications—Amendment 2: Higher-speed Physical Layer (PHY) extension in the 2.4 GHz band—Corrigendum 1

- ETSI ETS 300-328 edition 2 November 1996, drafted by STC - RES 2 " Wideband transmission systems; Technical characteristics and test conditions for data transmission equipment operating in the 2,4 GHz ISM band and using spread spectrum modulation techniques" ;

- EN 300-328-1 version 1.3.1 of December 2001 " Wideband Transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using spread spectrum modulation techniques; Part 1: Technical characteristics and test conditions" ;
- EN 300-328-2 version 1.2.1 of December 2001 " Wideband Transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using spread spectrum modulation techniques; Part 2: Harmonized EN covering essential requirements under article 3.2 of the R&TTE Directive" .

## **2. FURTHER DETAILS CONCERNING THE USAGE OF RLAN FREQUENCIES IN FRANCE**

The specificities concerning the usage of the various frequencies in France are defined in the regulation adopted by the "Autorité de Régulation des Télécommunications (ART)" covering the RLANs.

Terminals shall, therefore, comply with such regulations.

### 3. [INFORMATION CONCERNING BIBLIOGRAPHY]

For your information, it is noted that the Internet addresses of the pages of the organisations quoted above were, at the time of publication of this STI, as follows :

- for the IEEE <http://www.ieee.org>
- for ETSI <http://www.etsi.org>
- for the ART <http://www.art-telecom.fr>
- for France Télécom <http://www.francetelecom.com> .

For your information, it is also noted that, at the time when this STI was drafted, material relevant to the STI (and this one in particular) could be found using the following addresses :

- for the IEEE <http://standards.ieee.org/wireless/overview.html>  
<http://standards.ieee.org/catalog/olis/lanman.html>
- for ETSI [http://portal.etsi.org/Portal\\_Common/home.asp](http://portal.etsi.org/Portal_Common/home.asp)  
<http://pda.etsi.org/pda/queryform.asp>
- for the ART <http://www.art-telecom.fr/textes/avis/02/02-1008.htm>  
etc ...  
and <http://www.art-telecom.fr/communiqués/communiqués/2003/index-c220703.htm>
- for France Télécom <http://www.francetelecom.com/fr/groupe/connaitre/publications/ref/specifica.html> .

Warning This STI provides information concerning the addresses of Internet sites and/or their contents which may be changed at any time. This information is provided only as an example, therefore, this STI is not expected to be updated merely to brought in line with such possible changes.

## 4. HISTORY

Edition	Date	Comments
1	September 2003	First version