

Government of India
Ministry of Communications & IT
Department of Telecommunications
Sanchar Bhawan, 20, Ashoka Road, New Delhi - 110 001
(DS-Cell)

No. 820-1/2008-DS Pt.II

Dated: 23.02. 2009

To

All Internet Service Providers

Subject: Instructions under the Internet Service Licence regarding provision of Wi-Fi Internet service under delicensed frequency band

In the recent past concerns have been raised that Wi-Fi Networks were being misused by anti-social elements. Insecure Wi-Fi networks are capable of being misused without any trail of user at a later date. In order to address the issue related to insecure Wi-Fi network, all the Internet Service providers are hereby instructed to follow the following procedure for the secure use of Wi-Fi services under the delicensed frequency band in the interest of security of the nation with immediate effect:

(I) (a) Internet services (wired/wireless) provided by Licencee to new Subscriber

- (i). Licencee will ensure a registered and secure Internet service including Wi-Fi connectivity through user Login ID and password to all the subscribers with central authentication mechanism.
- (ii). Licencee shall deploy suitable Customer Premises Equipment (CPE) for wired / wireless internet connectivity at subscriber

end, keeping in view the further deployment of Wi-Fi connectivity for implementing the (i) above.

- (iii). Licencee shall ensure that unique user ID and Password do not have provisions for simultaneous multiple logins. Licencee may give more than one user ID and Password to a single subscriber for multiple usage for his internet account.
- (iv). Licencee shall put a clause in Subscriber Agreement of new subscribers that any Wi-Fi connectivity deployed by subscriber has to be activated only after it is registered for centralized authentication with the Licencee.

(b) Wi-Fi services provided at public places i.e Hotels, Restaurant, Airports Malls, Shops, Railway Stations through hotspot.

- (i). Licencee shall create bulk Login IDs at each Wi-Fi hotspot location for controlled distribution. The authentication shall be done at a centralized server only which could be a POP location of the service provider.
- (ii). Licencee or its Franchisee shall register the Subscribers for providing temporary Login ID and password for the use of public Wi-Fi spot through either of the following methods:
 - a. Retaining a copy of Photo Identity of the subscriber with Licencee which shall be preserved by the Licencee for a period of one year.
 - b. Provisioning of Login-ID and Password through SMS on subscriber's mobile phone through automated process and keeping mobile number of subscriber as the identity of the internet subscriber with reference to

Login-ID provided for a period of one year. In such cases, photo identity may not be necessary.

(c) Internet subscriber on Lease Lines

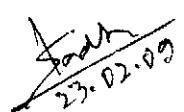
- (i). Licencee will direct and take compliance from Leased line based internet subscribers to setup and maintain centralized authentication themselves for Internet Services including Wi-Fi usage. Leased line based internet subscribers shall also have the option to get the centralized authentication for their internet usage by the respective Licencee.

(d) Wi-Fi services deployed by existing subscriber

- (i). Licencee shall ensure compliance to Para (I)(a)(i) to (I)(a)(iii) for all existing Wi-Fi customers who have taken Wi-Fi services from the Licencee.
- (ii). Licencee will inform their Internet subscriber about registering Wi-Fi connectivity with Licencee through monthly bills, emails etc. at regular interval.
- (iii). Efforts shall also be made to create awareness among public for using registered Wi-Fi connectivity.
- (iv). Licencee shall direct its existing Internet subscribers, including those who have deployed Wi-Fi routers themselves, to get the Wi-Fi Internet connectivity registered with Licencee within four months.
- (v). If it comes to the notice of Licensee that the internet subscriber has not registered with the licensee and is using Wi-Fi connectivity, Licensee is hereby directed to suspend the

internet services to such subscribers till they are registered with the Licencee.

(II) Para I(a)(i) to I(a)(iii) shall also be applicable for provisions in Para (I)(b)&(c) also. All the above actions shall be implemented within four months.



(Subodh Saxena)

Director(DS-II)

Tel: 011-23372601

Fax: 011-23359454

Copy to:

1. Secretary, TRAI, New Delhi
2. Wireless Advisor, WPC Wing, New Delhi
3. DDG(Security), DoT, New Delhi
4. DDG(AS-I), DoT, New Delhi
5. DDG(AS-II), DoT, New Delhi
6. DDG(C&A), DoT for posting on the DoT website