

Office of the Chief General Manager
National Centre for Next Generation network
CTS Compound Netaji Nagar
New Delhi-110023
Tel No: 26879334, Fax No: 26879350



भारत संचार निगम लिमिटेड
भारत संचार निगम लिमिटेड
BHARAT SANCHAR NIGAM LIMITED
A Govt. of India Enterprise

No. ND/NCNGN/Wings Implementation/pt./6

Dated: 10.07.2018

Chief General Managers
Bharat Sanchar Nigam Limited
All Telecom Circles/Telecom Districts.


Sub:- BSNL Internet Telephony Service "Wings" – regarding information brochure for sharing to CSCs and Call Centre's

It is hereby intimated that, BSNL Internet Telephony (VOIP) service with brand name **"WINGS"** has been implemented from existing IMS NGN C5 Platform (Huawei NGN Core switches with limited available capacity) using Mobile numbering series as per DOT requirements. The **"WINGS"** service has already been soft launched by CMD, BSNL on 4th July 2018 and the service is now planned for nationwide commercial launch by Hon'ble MoSC (I/C) on 11th July 2018.

In this connection, kindly find attached herewith Information brochure on BSNL Wings service containing, (1) detailed presentation on BSNL Wings service and (2) FAQ's, which may kindly be shared with all Customer Support Centers (CSC's) and Call Centre's to make them familiarized with the service.

It is therefore requested to kindly arrange circulation of document on Wings service among all CSCs, Call Centre team and to the concerned field units on immediate basis for smooth rollout of BSNL Wings services. Wings detail may also be updated on Circle website plz.

Encl.: a/a (PPT and FAQ's on Wings service)


Chief General Manager
NCNGN New Delhi

Copy to:-

1. Director (CFA), BSNL Board, New Delhi for kind information.
2. PGM (NWO-CM)/PGM(NWP-CFA)/GM(NWO-CFA), BSNL Corporate Office New Delhi
3. PGM(NW-NGN) Chandigarh/Sr GM(SE-NGN) Bangalore



FAQ's on BSNL Wings Service:

1. What is BSNL Wings Service?

BSNL Wings Service allows customers to make and receive voice and video calls through the VoIP APP installed in the smart phone connected to any operator's 3G/4G/Broadband Internet/Free Wi-Fi Hotspot.

2. What is VoIP or SIP?

VoIP stands for Voice over Internet Protocol. SIP stands for Session Initiation Protocol. This is the open-standard set of protocols for the packet technology utilized in this value Added Service (VAS).

3. What is the difference between the already launched LFMT and the new Wings Service?

With LFMT, subscriber can receive and originate calls through the APP installed in his smart phone connected on WI-FI to his BSNL broadband modem (within WI-FI range) or through BSNL WiFi hotspots. It is restricted to BSNL data service (broadband, ILL, etc.) as the path for the VoIP data packets.

Whereas, Wings subscriber can use internet connection from any operator's 3G/4G/Broadband internet/Free Wi-Fi Hotspot to receive and originate his fixed line calls through the APP.

4. How it is different from voice calling on Other SIP based APPs?

In Sip based APPs, the called party should be online on the APP at the time of calling. Calls can be made only to customers using the same APP and not to any landline or mobile number.

Whereas, in Wings, customer can make / receive calls from any other wings as well as non-wings numbers like NGN, Mobile, ISD, NLD, LFMT numbers whether BSNL or non-BSNL.

5. What is the number allotted for wings and what is the use of the virtual number allotted?

A 10 digit Wings number (of NGN switch) will be allotted to the customer without a SIM and can be used for voice and video calling.

6. Does it need GSM connectivity like 3G/4G?

No there is no need to have a SIM or GSM connectivity for availing this service. Customer just needs active internet connection from any operator.

7. Does it work with Smartphone having SIM of non-BSNL service provider?

Yes. Wings works independent of any SIM. Any smart phone having non-BSNL SIM can also be configured with Wings facility.

8. Are there any fixed monthly charges?

No separate fixed monthly charges for Wings services at present.

9. What are the charges for outgoing calls?

Call charges are as follows:

- Free to any network for One year in India.
- International calls as per existing Landline Tariffs(MOU basis).

10. What are the charges for incoming calls?

There are no separate call charges for incoming calls.

11. What are the advantages of Wings?

- Video and voice calling facility
- One year free calling to any network in India
- National and International roaming facility
- Can be used on any free SIP soft clients
- Can be used on any operator's internet connection
- The service will give better voice quality where mobile signals are poor such as high-rise buildings or peripheral areas or deep indoors.
- The large phonebook/recording/logging and other features of a Smartphone can be utilized for making/receiving landline calls too.

12. Will it work outside the building viz., home/office?

Yes, as long as it is within the range of a WI-FI or there exists an active mobile data connection – this may extend indoors as well as outdoor.

13. Does it support Windows phone?

Yes, it supports Android, IOS and Windows too.

14. Can it work with a feature-phone?

No, since it is APP-based, it requires a Smartphone, in order to download the SIP soft client.

15. Can more than one 'Wings' number be registered in one Smartphone?

Yes, more than one number of connections can be registered on single device.

16. Can it work from any other Wi-Fi device like laptop or Phablet?

Yes, it can work from any type of smart Wi-Fi calling device like laptop, Phablet, which can download soft client.

17. Which are the SIP soft clients that can be used?

In Google Play store, several SIP soft clients are available for free download. Grandstream, Zoiper and Linphone are some recommended apps.

18. How to apply for Wings?

A specific CAF (Customer Agreement Form) is available in any of the CSCs (Customer service centre) of BSNL. It may be filled up & submitted, with the required documents. Email ID and Phone number are mandatory to apply for Wings.

19. Is there any additional deposit for this?

No additional deposit for Wings for national calling. However, for ISD (outside India territory calling), a deposit of Rs. 2000/- is to be paid.

20. Are there any free calls provided?

Promotional offer of One year free calling to any network in India is available.

21. Is there any registration or activation charge?

Yes. One time registration charges of Rs. 1099/- are applicable.

22. Is a similar service to Wings provided by any other telecom service provider in India?

Presently, this is an unique service provided by BSNL only.

23. Will there be a separate bill for Wings service?

No. currently promotional offer of One year free calling to any network in India is available. For further updates on Tariff and Billing, please visit BSNL NGN Website www.bsnl.co.in.