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Introduction

BSNL offers Internet Telephony (VOIP) service with brand name “WINGS”. To use the service, customer needs to install a SIP client (soft app) on any of its smart devices (laptop/smart mobile handset/tablet etc.) having internet which will act as SIP phone to make and receive calls from anywhere in India and abroad with any party (landline/mobile). The subscriber uses its parent IMS core and IP access network of any location for the voice service through BSNL “Wings”.

WINGS is an "APP" based calling service provided by BSNL which allows customers to initiate / receive VoIP calls within and outside the network based on IP either from his laptop / mobile i.e., calls can be made to any landline, mobile, VOIP from BSNL WINGS number.

BSNL is offering unlimited FREE Audio/Video calling for one year at one time activation. Customer has to activate the Services (one time in life) at Rs. 1099/- + tax as applicable

Key Offerings

- In areas where mobile coverage is not good but internet is available by any means including Wi-Fi. Using Wings service using Internet service of any operator, customer will be active and make/receive calls.
- Wings service APP is easily configurable on Smart phone/Laptop/Notebook by simply downloading SIP Client (Soft App).
- Wings Customer can make calls using any internet connection like broadband / Wi-Fi / 3G / 4G data network of any operator.
- Wings can be provided over Internet Leased Line customer not having normal voice.
- Supports Video calling facility (from “Wings” to “Wings”)
- Free Mobility on PAN India basis
- Customer can use existing address book of Mobile while calling.
- Simultaneous voice and video calls.
- It allows calls either from mobile handset or laptop.
- Can use from any operator 3G / 4G /Broadband network. No compulsion to have BSNL 3G / 4G /Broadband connection.
- It supports Android, Apple, windows.
- It allows easy access to you from your family / office, wherever you are.
- No need to have a SIM/Mobile for availing this service. Any number of connections can be registered on single device.

New Connections booking can be done by registering the mobile number. Willing customers will be waitlisted for service with immediate effect in all Telecom Circles of BSNL. Connection will be made available on first come first serve basis, so to register, enter your Aadhaar number and Mobile Number and click on Register.
To register click on https://sancharaadhaar.bsnl.co.in/Wings/Login.do

**Subscriber Self Registration**

Customer Visits http://bsnl.co.in or http://Sancharaadhaar.bsnl.co.in/Wings and Signs into Sanchar Aadhaar by Selecting Zone and mobile number.

The customer has to verify the Mobile Number by entering the OTP which is sent to the registered mobile number.
If the customer has registered earlier for Wings Service and the payment is not complete, the screen is populated with the details of previous registration, where the customer can proceed towards the payment by clicking the Action Icon.

If the Customer has registered for the first time, or if no pending CAF’s are available the customer is requested to create a new request by validating his Aadhaar Details.

The customer will enter his Aadhaar UID/VID number, and he will be asked to enter the OTP received on the Aadhaar Registered mobile number for validation.
On successful validation of Aadhaar Number of the customer, he is redirected to CAF Entry page, where his eKYC information will be fetched and populated and the rest of the details are required to be filled by the Customer to complete the Customer Application Form (CAF).

The system shall populate demographics from Aadhaar and the customer shall fill the rest of mandatory CAF details and select the mobile number from the available free mobile number list.
The customer will check for the correctness of the details entered by him and confirm for the submission of the form for further processing and payment.

If the service is available, the Customer will be navigated to Payment gateway for payment of Rs.1099/- + GST. On successful payment, request will be sent FMS for further processing of service activation.
Subscriber On Boarding at CSC
Walk in Wings Customer at Customer Service Center can be on boarded through Sanchar Aadhaar Application by the CSC operator login.
1. The operator should Login to Sanchar Aadhaar Application and switched to the Landline View.
2. Click on the Landline->Landline eKYC Menu item to open the CAF Entry process.
3. Select the Service Type as WINGS from the Dropdown menu and enter other remarks.
4. On clicking Next the Application prompts for Operator UID validation, where the operator enters his UID/VID and validates through the fingerprint scan.
5. Customer’s Aadhaar number will be entered and Customer Biometric will be taken for validation.
6. If validation successful, customer’s e-KYC information will be fetched and stored with SA system.
7. The other mandatory fields are filled by the operator.

8. The Mobile Number is selected from the list of available free numbers of that LSA.
9. The Operator verifies the data entered through preview and the customer validates using his UID/VID Number and biometric scan.
10. The operator proceeds to collect the Amount of Rs.1099/- + GST towards activation of the WINGS Service and provides a receipt of the payment received.

Receipt

Date of Application : 09-08-2018 12:47:32 PM  
CustName : Venkata Seshagiri Rao Bhavaraju  
Date of Birth : 02/04/1980  
CAF serial no : LE10023831

Receipt no : RECEIPT_LE10023831  
Gender : Male  
Age : 38
Subscriber Self Activation

On successful registration and payment for Wings Service, a mail will be sent to customer on his registered email along with an SMS on his registered Mobile Number about the activation procedure along with the one time activation 16-digit PIN.

On receiving the welcome Email and SMS from BSNL Wings Service, the customer has to register himself at [http://ngn.bsnl.co.in](http://ngn.bsnl.co.in) to proceed further.
A first time customer has to register himself by entering his email and create a username and password. A mail will be sent to the registered email to validate the registered email and the customer can now login to the BSNL NGN Website for activation of his Wings Mobile Number.

Click on the Activation Link to enter the 16-digit PIN received on your email or mobile to activate the outgoing on your Wings Service.
On entering the correct 16-digit PIN, the registered VOIP/wings Number is displayed and an OTP is sent to the registered Mobile Number.

On successfully validating the OTP, the wings services are fully activated and the customer can now make or receive calls via the Grandstream Wave application.
Follow the link and the detailed procedure to install the Grandstream wave through the QR code and then configure it through QR code as available below:

1. Download the Grandstream Wave application from play store
   For Android you can also follow the link or QR code

   ![QR Code for Android](https://play.google.com/store/apps/details?id=com.grandstream.wave&hl=en)

   For iOS you can also follow the link or QR code

   ![QR Code for iOS](https://itunes.apple.com/us/app/grandstream-wave/id1029274043?mt=8)

2. Open the application and click on settings menu

   ![Settings Menu](https://example.com/settings)

3. Click on the Account Settings
4. Click on UCM Account (Scan QR Code) to scan QR code

5. Scan the below QR code given in the website to configure your Wings account on the app
6. After Scanning the QR Code, Click on Done

7. All your account details will be recorded, now click on BSNL as marked below
8. Click on edit account

**BSNL**

**GENERAL SETTINGS**

- Activate Account
- Edit Account

**CALL SETTINGS**

- Ringtone
  - Default ringtone (Callisto)
- DialPlan
- DialPlan Prefix

[Image of Account Settings interface]
9. Click on password and set the password which was given while activating the number after receiving OTP. After setting the password click on the tick mark on top left.

10. Once you set the password correctly and you are in the right WiFi range (in case of LFMT) you can see the account status turns green within a minute as shown below.

Now you are ready to make calls using BSNL Wings via 3G or Wi-Fi using GSWave App.