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BRI Gateway

Quick Installation Guide

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BRI Gateway

Version 2.1

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Hardware Setup

1. Unpack the items from the box

2. Plug one end of the RJ45 Ethernet cable to your PC & other end into the Management Port (LAN) of the BRI Gateway.

3. Plug one end of the RJ45 Ethernet cable into your Network Switch & other end into the WAN port of the BRI Gateway.

Note: Use Straight-through Ethernet cable to connect between the unit & Router/Switch/PC

4. Plug one end of the RJ45 cable into the BRI 1 port of the BRI Gateway & other end to the E1/T1 service provider socket.

5. Plug the power cable .to the BRI Gateway, wait until the Gateway boot up completely.

Note: *Ready* LED (LED 2) goes green indicating that Gateway is boot up completely.

Configure your BRI Gateway according to the instructions below.

Accessing the WEB GUI

BRI Gateway WEB GUI can be accessed either through WAN or Management Interface (LAN)

1) Make the setup as described in Hardware setup section, Lets access the WebGUI through Management Interface (LAN)

2) Change the Network setting of the PC in manual mode (i.e. Static IP mode). Assign the IP address to the PC in the range of 192.168.113.xxx (E.g:192.168.113.10), net mask as 255.255.255.0 and gateway & DNS as 192.168.113.1.

3) Launch the web browser and enter the URL http://192.168.113.2 which is the default IP address of the Management interface (LAN) of the BRI Gateway.
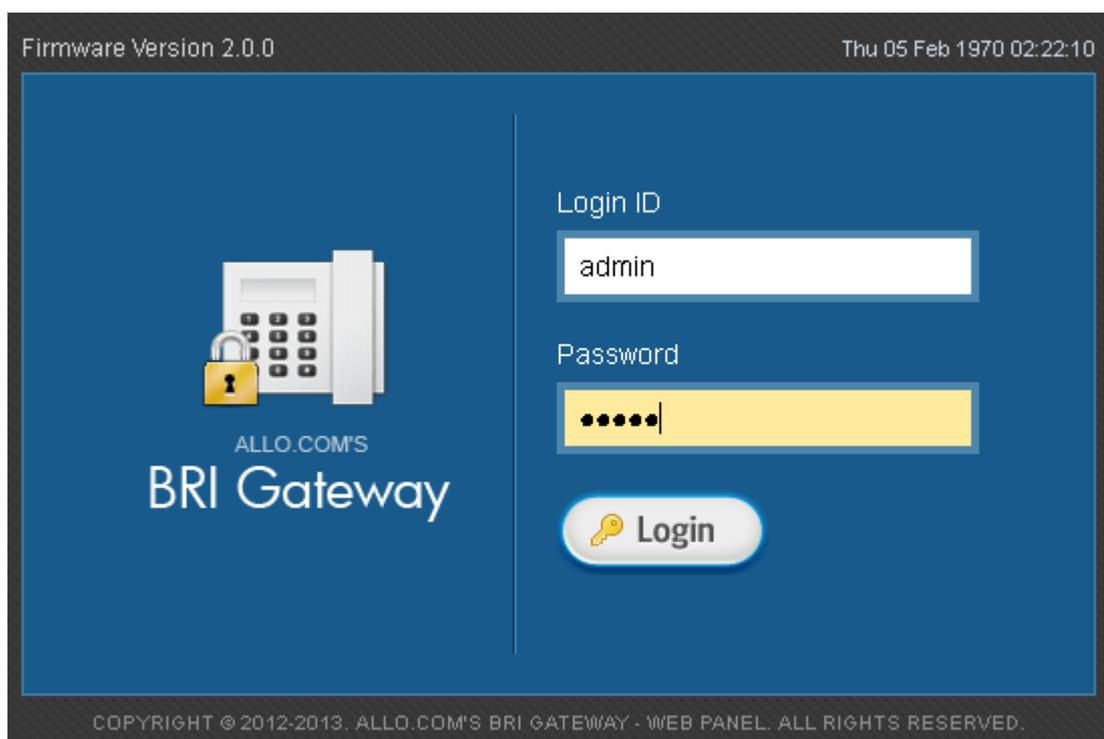
4) Login using the default username & password (Default: Username: admin; Password: admin). Successful login takes you to the Dashboard page. Observe the WAN IP address on the dashboard, this will be used to access the GUI from the WAN interface.

5) If your network is not enabled with DHCP server, configure the WAN port ip address manually in the **SETTINGS > Network Settings** section as per your requirement.

Note: Recommended web browser to access GUI is Mozilla Firefox.

Creating SIP Trunks

This will allow you to make calls using your VoIP Account.

1) Click **Add a SIP Trunk**
2) Create a SIP account with the preferred registration mode.
   Registration Mode:
   - **None**: IP peer trunking
   - **From Gateway**: Gateway is registering to PBX or VoIP service provider.
   - **To Gateway**: Endpoint registering to Gateway.
3) Enter the PBX or VoIP service provider IP address for registration modes " From Gateway or None"
4) Click authentication, if it is required
5) Click registration and add registrar address
6) Click on "Create" to save the settings.

Creating BRI Trunks

This will allow you to make calls using your BRI line.

1) Connect your ISDN BRI line to the BRI 1 port of the BRI Gateway

2) Click on the **SETUP > ISDN BRI Trunks** link in the GUI, then select **Create BRI Trunks**

3) Enter Name your Trunk (Office Line 1 for example), Outbound Caller ID and Click **CREATE**

4) You have a live BRI line plugged to your BRI Gateway.

5) Click on "Create" to save the settings.

> **Note:** By default, all the BRI lines are set as TE Mode. BRI Signaling settings (TE/NT) are be selected under **Advanced > ISDN BRI settings**

Call Routing Rules

Depending on the number you dial, the BRI gateway will select the configured BRI/SIP Trunk.

1) Click **Add Call Routing Rule** to add an incoming or outgoing routing rule for ISDN and VoIP call.

2) Select "Incoming type" and required trunk name under "Incoming from".

3) Enter the Dial Pattern to match the expected number. Following are the characters supported in the Dial Pattern.

X matches any digit from 0-9
Z matches any digit from 1-9
N matches any digit from 2-9
[1237-9] matches any digit or letter in the brackets
(in this example, 1, 2, 3, 7, 8, 9)
[a-z] matches any lower case letter
[A-Z] matches any UPPER case letter
. Wildcard, matches one or more characters
! Wildcard matches zero or more characters immediately.

4) **Trim Digits:** Allows the user to specify the number of digits that will be stripped from the dialed number. For Ex: If you configure the pattern as 9X. and you want to strip 9, then the count of the digits stripped is 1, which must be placed in Trim Digits field.

5) **Prepend Digits:** Allows the user to specify the digits which are prepended before placing the call via trunk. For Ex: If dialed number is 8789763010 and if you want to prepend 44 as a country code then place 44 in prepend digits field.

6) **Add Outbound Call Route:** Select proper SIP trunk or BRI trunk or Time route Group, where the call as to be routed to.

7) Click on "Create" to save the settings.

Note: Click on "**Save All**" to apply all the changes to the BRI Gateway.

THE FULL VERSION MANUAL WILL PROVIDE YOU DETAILED INSTRUCTIONS ABOUT THE FULL FEATURE SET OF THE ALLO BRI GATEWAY.

THANK YOU!