

ROBIN Tech Note

Version: 1.0.3 ENG Datum: 7-06-2018

se the Robin Peer-to-Peer - Bria3-mobile ow-To:

About this Tech Note

This Tech Note is meant for the following Robin products:

- C03060 C03067 : Proline SIP
- C03050 C03058 : Proline SV
- C03071 C03074 : Proline Classic SV
- C01060 C01068 : Compact SIP
- C02050 C02058 : Compact SV

Software release 3.0.0 and higher



Peer to Peer

The Robin SmartView (SV) or Robin SIP can be connected directly to a SIP telephone or softphone without the use of a SIP PBX. This is called a Peer to Peer connection.

In this How-To: document we will use the Counterpath Bria3 softphone (in short: Bria3) to make the connection to the Robin SV. The Robin SV has a factory default configuration.

The configuration of the Robin SV

Log in to the Robin SV and navigate to -Telephony-Phonebook-.

000	Robin Compact SV Dev. unit	
· · · · · · · · · · · · · · · · · · ·	i3bf8f7c	C Reader
ROBIN Robin Compact SV Dev. un	it	version 3.0.0 Logged in as 'admin' (logout)
Telephony Audio Network System Recording4All		
SIP Phonebook Call settings Call log Control		
Phonebook		
P Add Entry		
The Phonebook is currently empty		
Profiles		
+ Add Entry		
The Tel profiles is currently empty		
	@ Conversite 2000 2012 Dable Talasam	

Telephony / Phonebook

1. We start by creating a Phonebook Profile in the Robin SV. - To do this, click on -Profiles- '+ Add Entry'.

900	Robin Compact SV Dev. unit	2
	34/?cmd=view&uid=fd34a657	C Reader
RJBIN	Robin Compact SV Dev. unit	Logged in as 'admin' (logout)
elephony Audio Network System	Recording4All	
SIP Phonebook Call settings Call	og Control	
Entry		
X Delete Entry		
Description	Bria_profile	
Codec ulaw	I	
Codec alaw	₫.	
Codec gsm		
DTMF event payload type	101	
Codec h264	I	
Videosize	320x240 \$	
H264 payload type	99	
Variable bit rate		
Bitrate (kbps)	1024 🛊	
Fps	0	
Apply settings		

2. In the 'Description' field, enter a fitting name for this profile. - *We use 'Bria_profile' as the description.*

3. Un-check the option 'Codec GSM'



4. Confirm the input with the 'Apply settings' button.

	Robin Compact SV Dev. unit 10.0.034//cmd=view&uid=a3a28a9d	¢ Reader 0
RJBI	Robin Compact SV Dev. unit	version 10.0 Logged in as 'admin' (logout)
Telephony Audio Network SIP Phonebook Call setting Entry X Delete Entry	System Recording4All s Call log Control	
Description Profile Apply settings	a_profile \$	
	© Copyright 2009-2013 Robin Telecom	

- 5. Next, create a Phone book entry for the Bria3. *To do this, click on* -*Phonebook- '+ Add Entry'.*
- 6. Choose a name for the phone that will be connected to the Robin SV. This will be the 'Description'. *In this example we use 'Bria' as the description.*
- 7. Leave the 'Number'-field empty. *It will be filled in automatically.*
- 8. Select as the Profile the just created 'Bria_profile'
- 9. Check the 'Allow register' box. This enables the possibility for a SIP client (in this case the Bria3) to register directly to the Robin SV.
- 10. Confirm the input with the 'Apply settings' button.

● ○ 9	Robin Compact SV Dev. unit	C Reader
ROBIN Robin Compact SV Dev.	. unit	version 3.0.0 Logged in as 'admin' (logout)
Telephony Audio Network System Recording4All SIP Phonebook Call settings Call log Control		
Phonebook Add Entry X Delete all Phonebook Description Number Profile Allow register Bria Bria Bria_profile : I	» x	
Profiles Add Entry * Delete all Tel profiles Description Codec ulaw Codec alaw Codec gsm DTMF even Bria_profile Apply settings	nt payload type Codec h264 g 🔉 💥	
	© Convright 2009-2013 Bobin Telecom	



Telephony / Call settings

	0.34/?m2=Call%20settings	Robin Compact SV Dev. unit C Reader
RJBIN	Robin Compact SV Dev. unit	version 3. Logged in as 'admin' (logou
elephony Audio Network System IP Phonebook Call settings Call	l Recording4All	
Call priority		
First Bria 🕈		
Second +		
Third +		
Schedule		
🖶 Add Timeslot		
The Timeslots is currently empt	Y	
General		
Auto answer		
Auto answer delay	4 seconds	
No answer timeout	60 seconds	
Max call duration	o minutes	
Max jitter delay	8000 samples	
Swich led on during calls		
Call status	idle	
phone fps	10	
Apply settings		
	0.0	anvright 2009-2012 Robin Talacom

After we finished the 'Phonebook' part of the configuration, the only thing left to do is select the number to dial.

11. Select the 'Bria' as 'First' entry. - *The Robin SV will dial this number when the button is pressed.*

The configuration of the Robin SV is done. The next step is to configure the Bria3 on the smartphone.



The configuration of the Bria3 softphone

! Note: To enable video in the Bria3, you will need to purchase the Premium feature 'Video Calls'. This is an 'in-app purchase' from the Bria3 App. !

Start the Bria3 App and go to 'Settings'.

- 1. Press the '+' sign on the top right of the App to create a new account. Select 'SIP' (VoIP)
- 2. Account Name=Robin, Display as=Robin, Username=Bria, password=Bria, Domain=<the IP-address of the Robin>

●●●●● T-Mobile NL ᅙ 11:31	* □-•	●●●●● T-Mobile NL 훅	11:31	* ⊡•	●●●●● T-Mobi	le NL 후 11:32	* ⊡•
Annuleer Select Provider		Annuleer New S	SIP Account	Bewaar	Annuleer	New SIP Account	Bewaar
USER-DEFINED GENERIC ACCOUNTS		Account Status	Not Register	red	Account N	ame	Robin
SIP VoIP (SIP) - Calling	>				USER DET/	AILS	
XMPP XMPP - Messaging	>	Account Name	[accou	int display]	Display as		Robin
XMPP PROVIDERS - MESSAGING		USER DETAILS			Username		Bria
f Facebook	>	Display as		[Caller ID]	Password		••••
8 Google	>	Username	e.g. 77	71234567	Domain		10.0.0.34
VOIP PROVIDERS - CALLING		Password			1 2 3	8 4 5 6 7	890
123Cloud 123Cloud	>	Domain	e.g. exa	mple.com	@ &	% ? . =	
ims 1001P 4 ALL & SWISS	>	Enabled		\bigcirc	#+-		
A1 A1	>	VOICE MAIL					
Sabronix Abronix	>	V/M Number			ABC	. / .com	return



- 3. Scroll to the bottom, click on 'Account specific features'. Make sure that all the options under 'Video calls' are enabled.
- 4. Return to accounts, enable the account and save the SIP-account.

•••••• T-Mobile NL 🗢 11:33 🕺 🔳	●●●● T-Mobile NL 🗢 11:32	* 💶
SIP Account Account Features	Annuleer New SIP Account	Bewaar
	USER DETAILS	
MOBILE DATA NETWORK	Display as	Robin
Disable Mobile Data		Duia
Disable VolP Calls	Username	Bria
Disable voir Gails	Password	
VIDEO CALLS	Domain	10.0.0.34
Enable Video		
Always Offer Video	Enabled	
Auto Send Video	VOICE MAIL	
Auto Speaker On	VM Number	
IM AND PRESENCE	Dial Plan (Number P	refixes) >
Enable IM & Presence	Account Specific Fe	eatures >
Phone Contacts History Settings	Account Adv	vanced >

- 5. Open the 'Preferences', Enable the options: Enable Video and Send landscape. For the Video Quality choose 'Automatic'
- 6. Open the 'Advanced settings', for the 'Current Strategy' choose Server Managed.





7. Scroll down to 'Video codecs' and disable 'VP8'. Make sure that 'H264' is positioned above 'VP8'



This ends the configuration of the Bria3 softphone.

Finishing the configuration

When the Bria3 is configured you can check the registration status in the GUI of the Robin SV.

To check the registration, log in to Robin SV and navigate to -Telephony-Phonebook-.

O Robin Compact SV Dev. unit	En la construcción de la
▲ ▶ △ ☑ ▲ + ↑ 10.0.034/m2=Phonebook	C Reader
R 7 BIN Robin Compact SV Dev. unit	Logged in as 'admin' (logout)
TELECON DEVELOPMENT	
Telephony Audio Network System Recording4All	
SIP Entendedede Call settings Call log Control	
Phonebook	
🌩 Add Entry 🛠 Delete all Phonebook	
Description Number Profile Allow register	
Appy settings	
Profiles	
Description Codec ulaw Codec gsm DTMF event payload type Codec h264	
Bria_profile 🗹 🗹 🔤 101	
Apply settings	
© Copyright 2009-2013 Robin Telecom	

The 'Number' field will be filled in and the Robin SV will be able to call the Bria3.



On the Robin, press on the 'Bell-symbol' on the front of the Robin to initiate a call to the Bria 3.



! Note: Please make sure that the WiFi signal to the smartphone is good. If you're experiencing distorted video / audio, check the WiFi access point for Quality of Service (QoS) settings. If necessary, enable VoIP priority to the IP address of the Robin. !

For a more detailed description of the Robin SV interface and features, please check the manual that came with the Robin SV.

