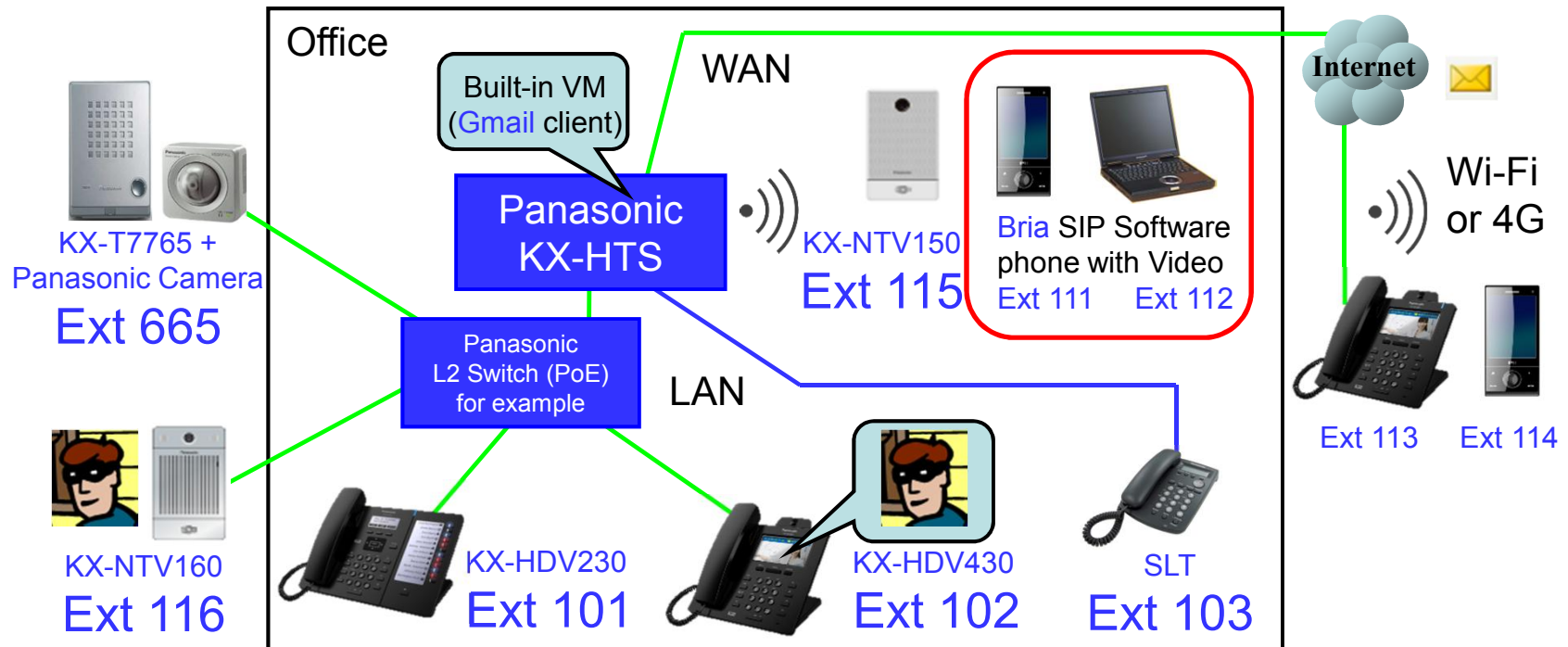**KX-HTS Step by Step Guide**
SIP Software Phone

August 5, 2016

Panasonic System Networks
PBX SE team

Specifications are subject to change without notice.
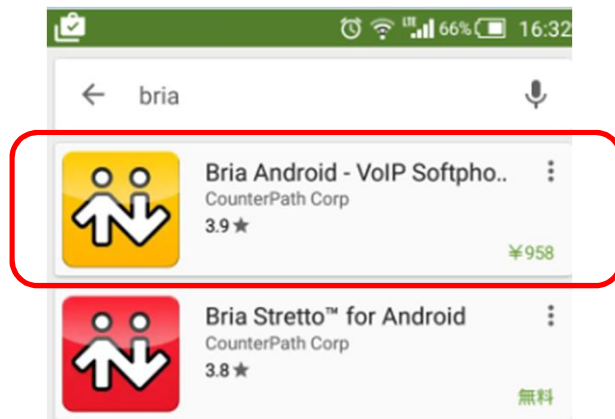
1. Overview for Demo

PBX, phone and security camera can be provided by Panasonic.
Other major PBX maker do not have security camera.

2. Table of Contents

Chapter	Contents
1	KX-HTS programming
2	Bria programming
3	Media5phone programming

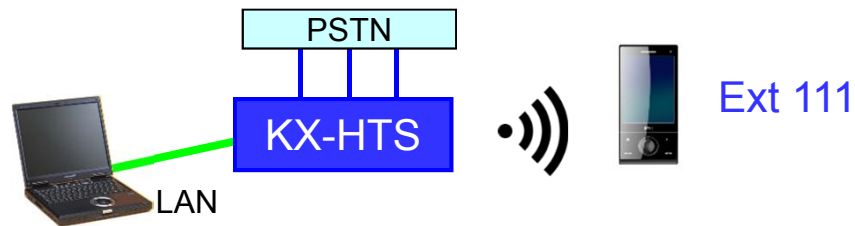Bria supports video call. Media5phone does not support video call.

Chapter 1
KX-HTS Programming

11. Click Port to change to SIP.

Click port 111 for example.

12. Change the port to SIP.

13. Assign SIP Password.

Confirm User Name and Location also. Click [Apply].

14. Enable Video Call.

PBX Configuration > 2.Extension > 1.Port

SIP Extension			
SIP Registration Status	Not yet		
SIP User Name	phone-011	[0-9 a-z A-Z - .]	
Registration Password	Edit		
Current IP Address			
Current MAC Address			
Phone Location	● Local	○ Remote	○ Remote(G.729)
Alive Check	● Enable	○ Disable	
Alive Check - Interval	60	(seconds)	
Packet Sampling Time	20	(ms)	
DTMF	Outband(RFC2833)		
Video Support	● Enable	○ Disable	
Call Limit	8		

This setting is not required for Media5phone because it does not support video call .

KX-HDV430
Ext 102

KX-NTV115
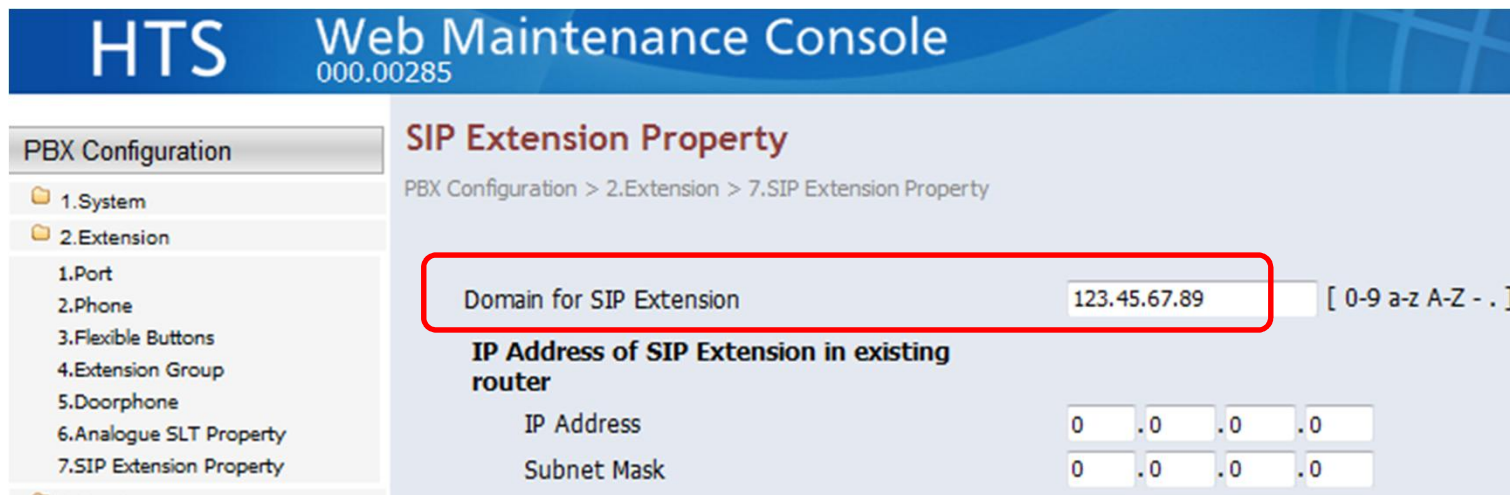Ext 115

SIP Software phone
Ext 111

8
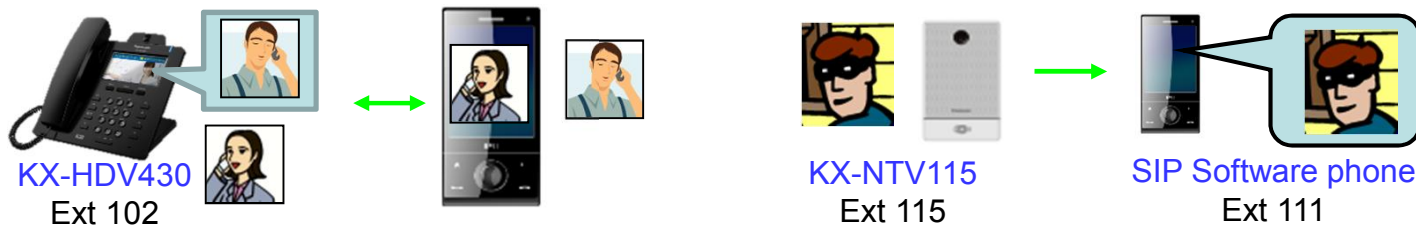
15. Assign SIP Domain Name.

SIP domain name is required for stronger security.

123.45.67.89 is example.
Some SIP phone does not support character (a-z A-Z) for SIP domain name.

16. Confirm SIP Port Number.

Chapter 2
Bria

21. Assign User Account and Domain.
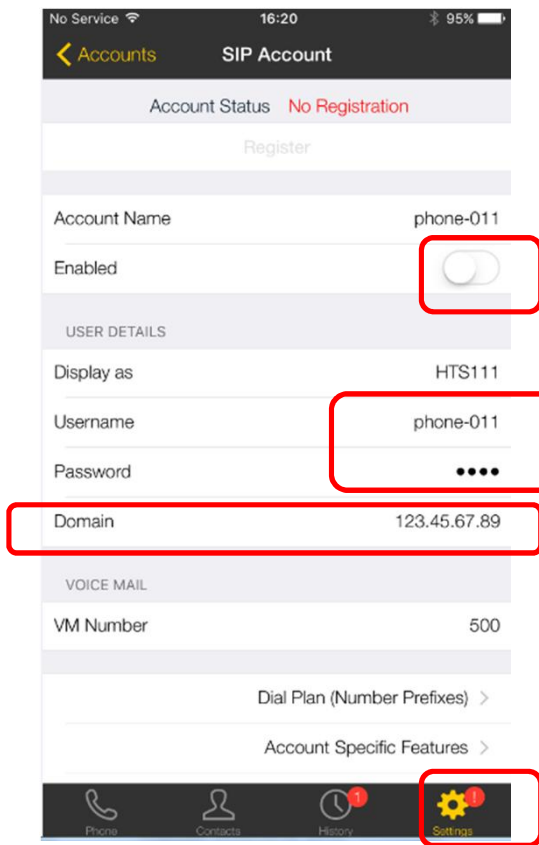
22. Assign Proxy.

Username   phone-011
Password   ••••
Domain   123.45.67.89

VOICE MAIL

VM Number   500

Dial Plan (Number Prefixes) >
Account Specific Features >
Account Advanced >

No Service 🗢   16:20   ✸ 95% ▭

‹ SIP Account **Account Advanced**

ACCOUNT ADDITIONAL

Out. Proxy   192.168.0.101
Auth Name   [username is the default]

NETWORK TRAVERSAL

KX-HTS

192.168.0.101 : 5060
Domain : 123.45.67.89

111 : phone-011 : ****
112 : phone 012 : ****

It is not required to program port number, if SIP port number of KX-HTS is 5060.

If SIP port number of PBX is 33824 for example, 192.168.0.101:33824 has to be programmed.

23. Enable Video Call.

24. Enable Account and Try.
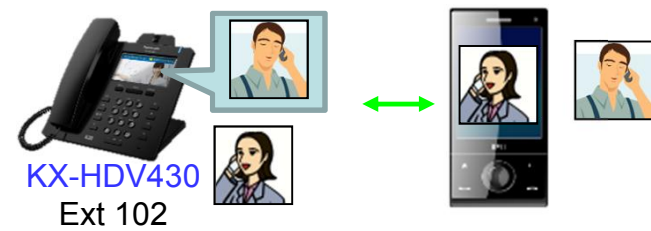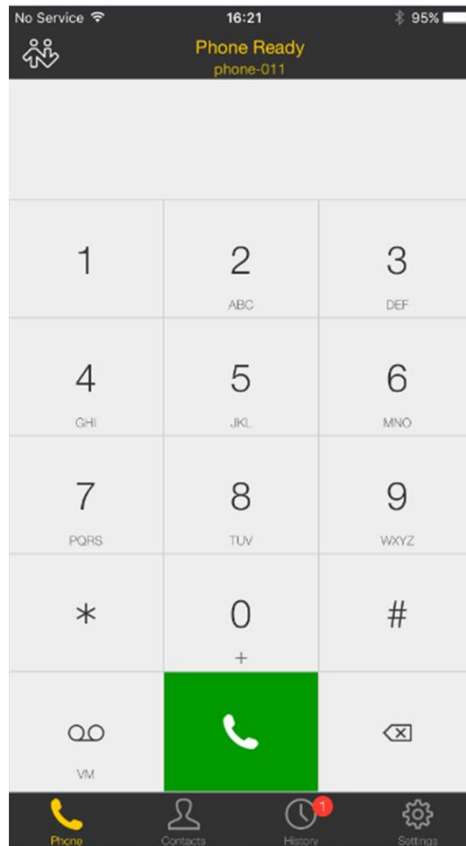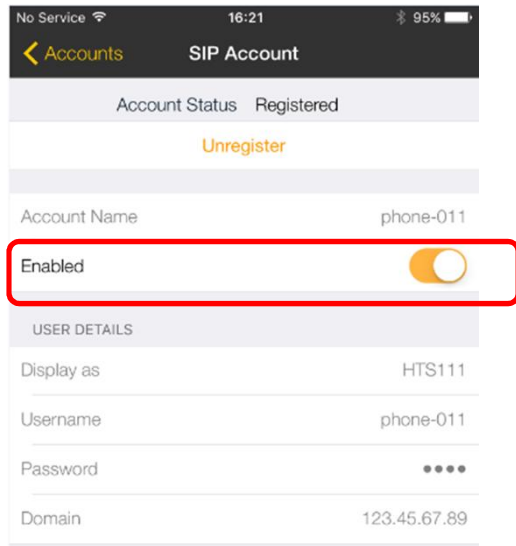
Chapter 3
Media5phone

31. Start Setting.

32. Select "Define Manually".

Reference
"KX-HTS Ext 111"
for example

33. Assign SIP Username and Password.

SIP User Name   phone-011   [0-9 a-z A-Z - .]

Registration Password   Edit
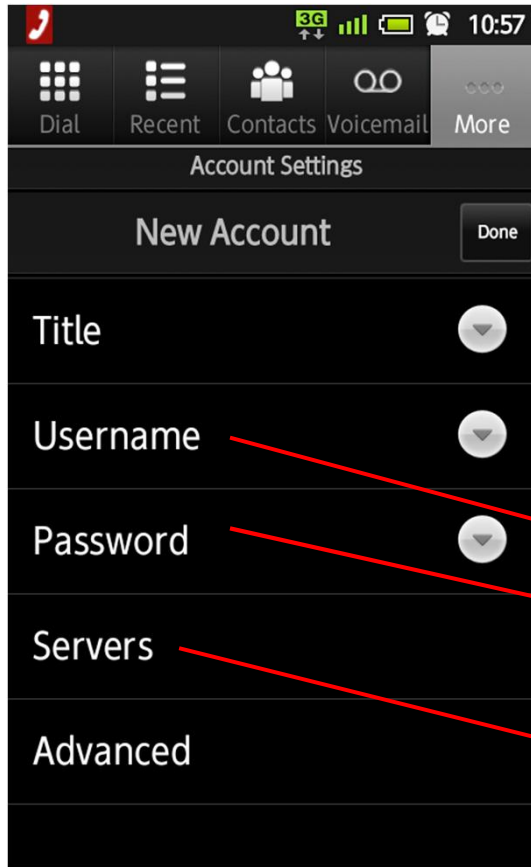
KX-HTS

192.168.0.101 : 5060
Domain : 123.45.67.89

111 : phone-011 : ****
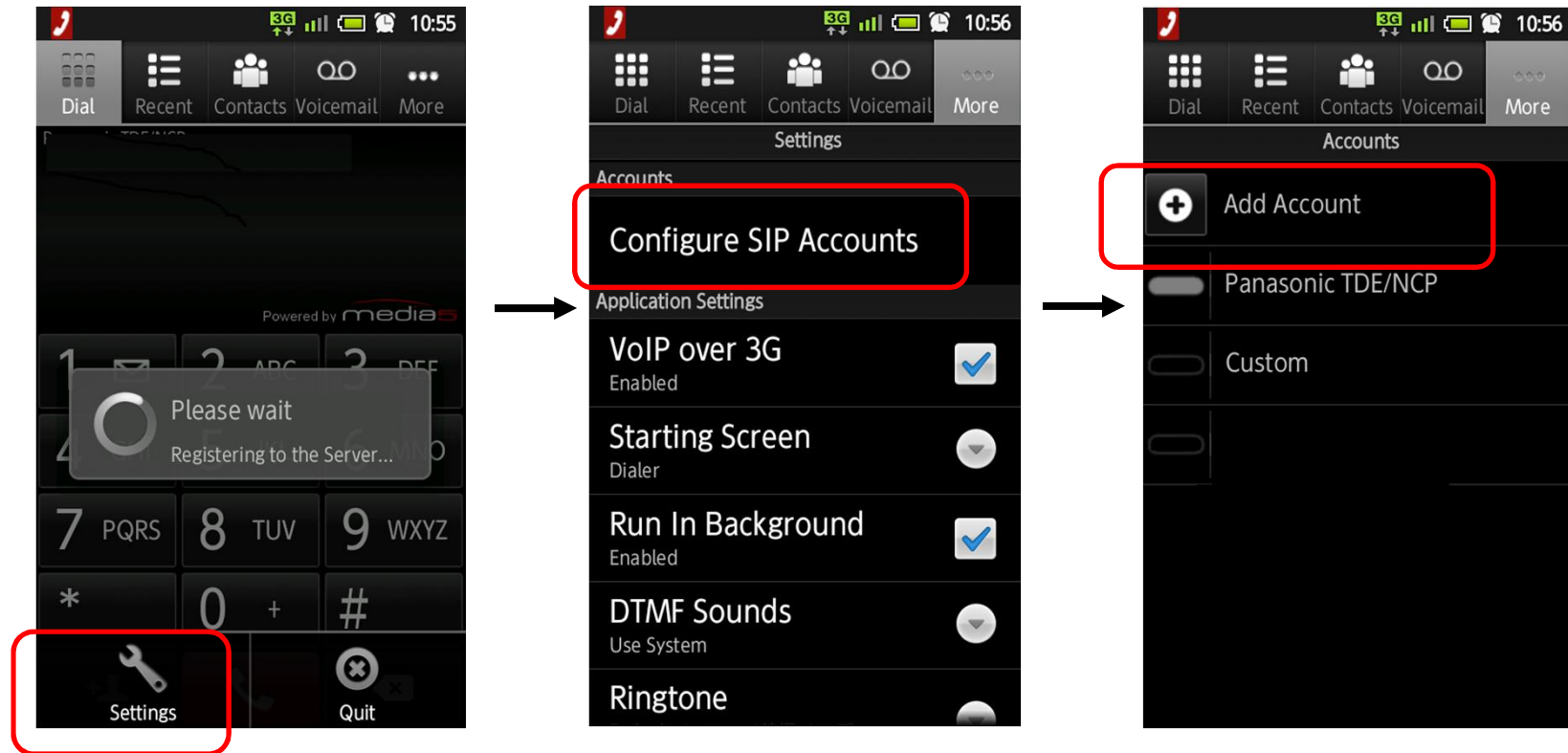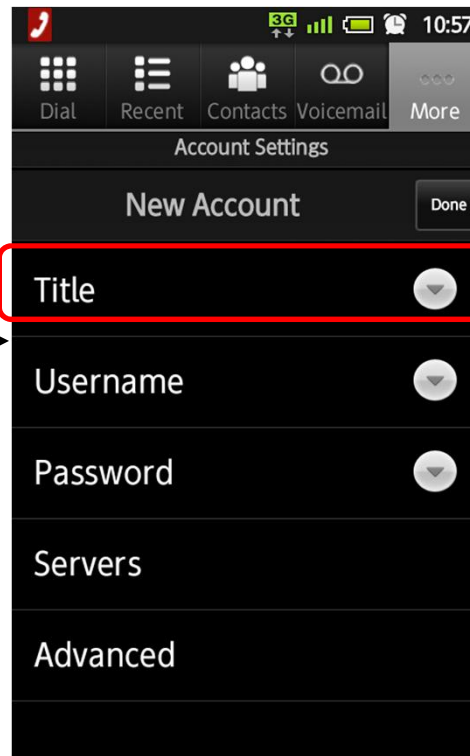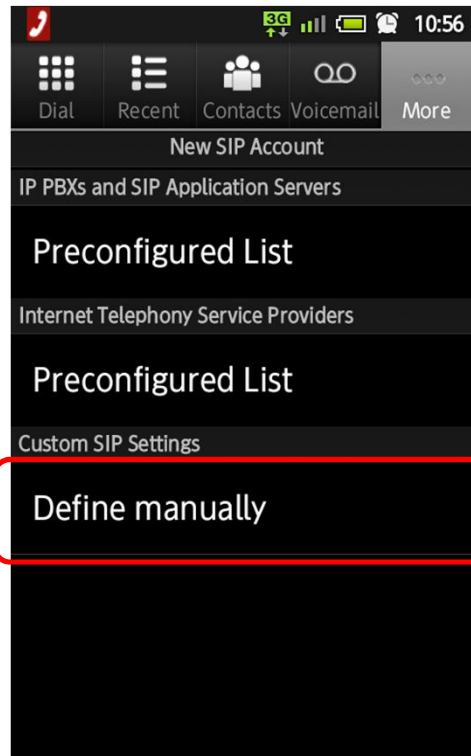112 : phone 012 : ****

See next page.

34. Assign PBX destination.
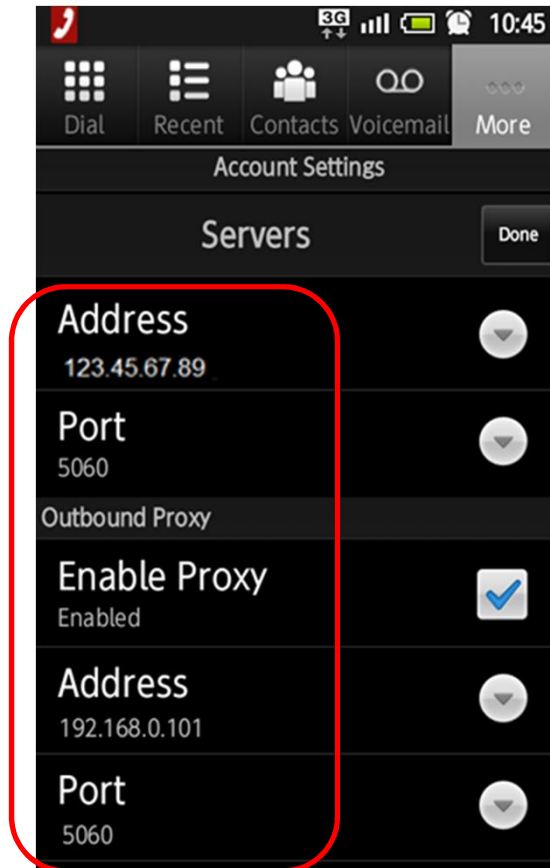
Proxy has to enabled.

123.45.67.89
5060

Enable

192.168.0.101
5060

KX-HTS

192.168.0.101 : 5060
Domain : 123.45.67.89

111 : phone-011 : ****
112 : phone 012 : ****

Proxy is not required if SIP domain name is not assigned.
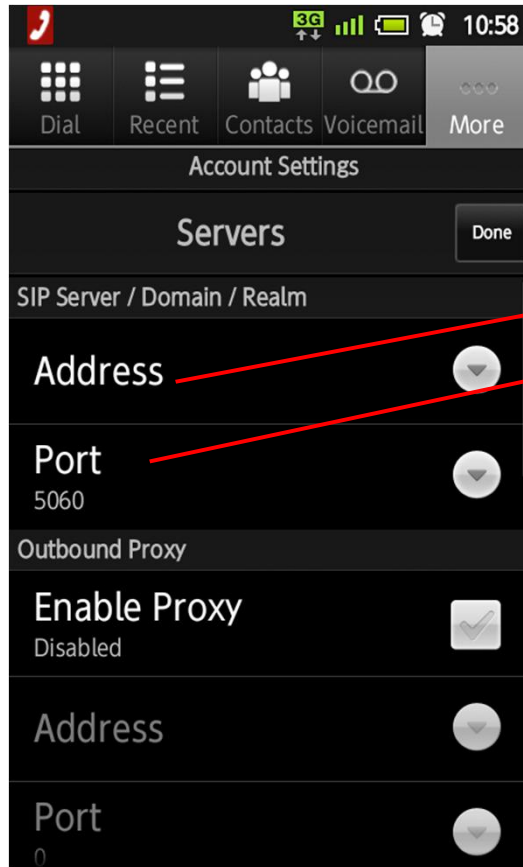
192.168.0.101

5060

KX-HTS

192.168.0.101 : 5060
Domain : (N/A)

111 : phone-011 : ****
112 : phone 012 : ****

Thank you !

https://namlong.vn Hotline: 092 888 2345

Revision

Date	No.	Change
June 30, 2015	All	First draft
July 23, 2015	All	2nd draft
June 15, 2016	All	3rd draft
July 28, 2016	All	Step by step guide was divided for SIP software phone.
		First official release
August 5, 2016	16 (Page 10)	Default of SIP port is 5060.
	Chapter 2	Bria was added.