

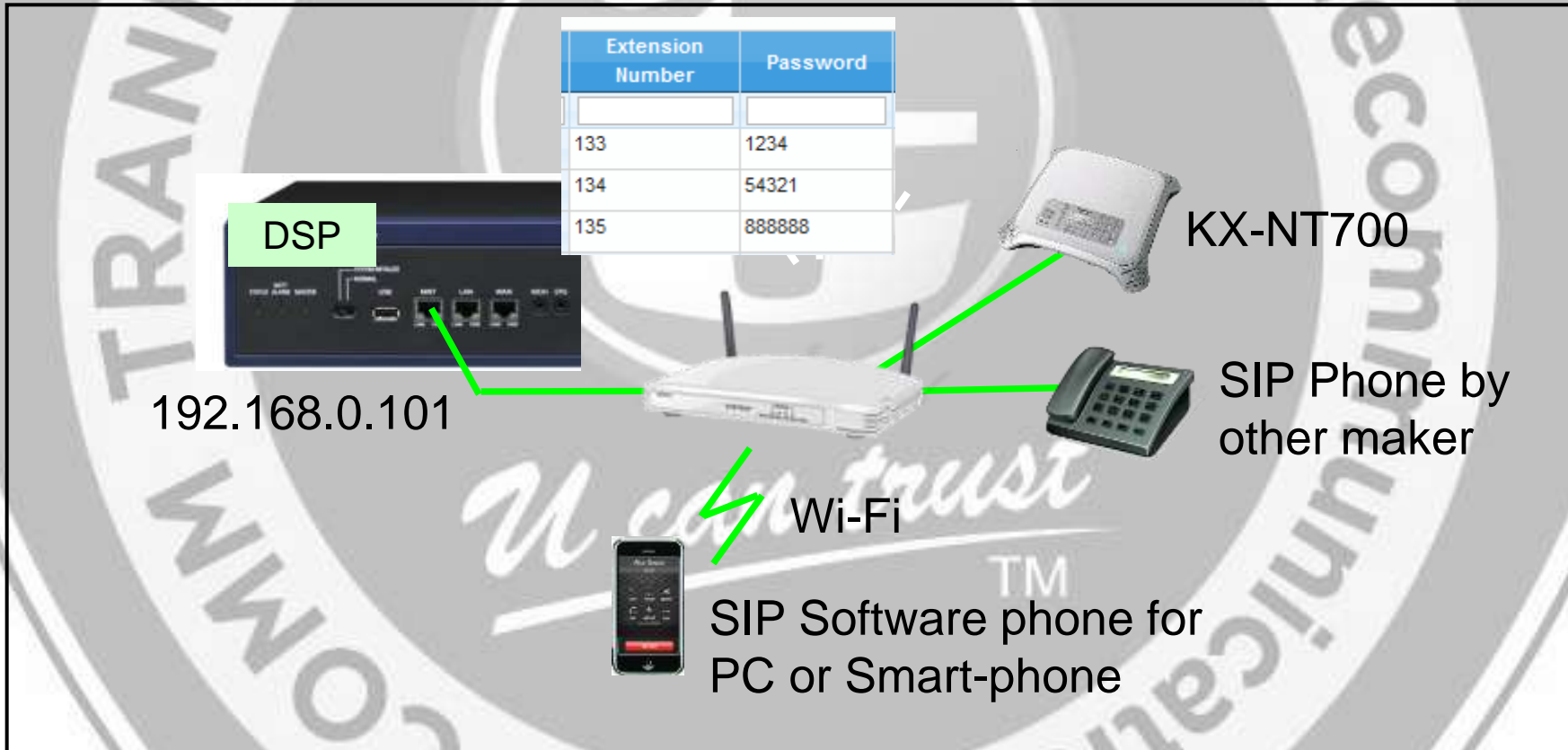
KX-NS Step by Step Guide

# SIP Phone Registration



# 1. Overview

SIP phone except Panasonic KX-UT is registered to PBX by password.  
(Not MAC address based like KX-NT/UT.)



# 2. Activation Key

Activation key is required even for one SIP phone.



KX-NT based software phone

Login as INSTALLER

Users

PBX Configuration

- 1. Configuration
  - 1. Slot
  - 2. Portable Station
  - 3. Option
  - 4. Clock Priority
  - 5. DSP Resources
- 2. System
- 3. Group
- 4. Extension
- 5. Optional Device
- 6. Feature
- 7. TRS
- 8. ARS
- 9. Private Network

### Activation Key Status

[Activation Key Installation](#) →

MPR-ID : 67010802F0C60C9A      Num IP-G

Number of activated IP-Softphone : 260 / 400

Activate Pre-installed Activation keys

Activated feature	Pre-installed
IP Phone Capacity (ch)	0
IP Trunk (ch)	0
IP Proprietary Telephone SIP Softphone (ch)	0
IP Proprietary Telephone (ch)	8
SIP Extension (ch)	0
One-look Network	0

KX-NT/KX-UT except KX-NT700

SIP hardware phone + KX-NT700  
SIP software phone

8 for KX-NS1000.  
4 for other KX-NS PBX



**Chapter 1**  
**PBX Setting**  
**for Registration**

# 11. Select Virtual Cabinet.

The screenshot displays the NS1000 Web Maintenance Console interface. The browser window shows the URL `192.168.0.101/WebMC/index/`. The page title is "NS1000 Web Maintenance Console". The user is logged in as "INSTALLER".

The left navigation menu includes the following items:

- Users
- PBX Configuration
  - 1. Configuration**
    - 1.Slot** (highlighted)
    - 2.Portable Station
    - 3.Option
    - 4.Clock Priority
    - 5.DSP Resources
  - 2.System
  - 3.Group
  - 4.Extension
  - 5.Optional Device
  - 6.Feature
  - 7.TRS
  - 8.ARS
  - 9.Private Network
  - 10.CO & Incoming Call
  - 11.Maintenance
- UM Configuration

The main content area is titled "Slot". It features a "Select Shelf:" dropdown menu with three options: "Physical", "Virtual" (circled in red), and "Legacy-GW1". Below this are several buttons: "Refresh", "Close", "Summary", "Activation Key", "IP Phone Registration", "System Property", "Site Property", "UM Card Property", and "UM Port Property".

The main display area shows a "KX-NS1000" cabinet with two slots. Slot 1 is labeled "DOORPHONE" and Slot 2 is labeled "LCOT2". To the right of the cabinet is a "Combination Card" section with the following options:

- SLC2 + LCOT2
- SLC2 + BRI4
- SLC2 + PRI23
- SLC2 + PRI30
- Option Card
  - DOORPHONE

# 12. Install Virtual IP Card.

The screenshot displays the NS1000 Web Maintenance Console interface. The browser address bar shows the URL `192.168.0.101/WebMC/index/`. The page title is "NS1000 Web Maintenance Console". The user is logged in as "INSTALLER".

The interface includes a left sidebar with a navigation menu under "PBX Configuration":

- 1. Configuration
  - 1. Slot (highlighted)
  - 2. Portable Station
  - 3. Option
  - 4. Clock Priority
  - 5. DSP Resources
- 2. System
- 3. Group
- 4. Extension
- 5. Optional Device
- 6. Feature
- 7. TRS
- 8. ARS
- 9. Private Network
- 10. CO & Incoming Call
- 11. Maintenance

The main content area is titled "Slot" and includes a "Select Shelf" dropdown menu with options: Physical, Virtual (circled in red), Legacy-GW1, and Legacy-GW2. Below this are buttons for Refresh, Close, Summary, Activation Key, and IP Phone Registration. Further down are buttons for System Property, Site Property, UM Card Property, and UM Port Property.

The "Virtual" shelf is selected, and the "V-SIPEXT32" card type is highlighted (circled in red). Below this, the "Virtual 32-Channel VoIP SIP Extension Card" configuration is shown. The "Total number of cards" dropdown menu is open, showing options 0, 1 (selected), 2, 3, and 4 (circled in red). The card slots are numbered 1 through 4.

Virtual IP card can be registered to slave unit of KX-NS1000 also.

# 13. Select SIP Phone Registration.

The screenshot shows the NS1000 Web Maintenance Console interface. The browser address bar displays `192.168.0.101/WebMC/index/`. The page title is "NS1000 Web Maintenance Console". The user is logged in as "INSTALLER".

The main configuration area is titled "Slot". Under "Select Shelf", the "Virtual" tab is selected. The "IP Phone Registration" button is highlighted with a red circle. A dropdown menu is open, showing the following options:

- IP-PT
- SIP-MLT
- Standard SIP Phone** (highlighted with a red circle)
- Option

The configuration is for a "Virtual 32-Channel VoIP Extension Card" with a "Total number of cards" set to 1. The card type is "V-SIPEXT32". The card is shown in a grid with 4 rows and 1 column. The first row is labeled "1" and "48".

# 14. Assign password.

Set Out of Service and assign password for SIP registration to each extension.  
Set In Service after password assignment.  
SIP phone can be registered anytime, [even after log-out from Web-MC.](#)

Port Property - Virtual SIP Extension

Copy to

Main Option Remote Place FAX/T.38

No. :	Site	Shelf	Slot	Port	Extension Number	Password	Connection	Current IP Address	P2P Group
		ALL					ALL		ALL
1	1	Virtual	48	1	133	1234	OUS	0.0.0.0	1
2	1	Virtual	48	2	134	54321	OUS	0.0.0.0	1
3	1	Virtual	48	3	135	888888	OUS	0.0.0.0	1
4	1	Virtual	48	4	136		Fault	0.0.0.0	1

Extension number is assigned automatically when virtual IP card is installed.





# Chapter 2

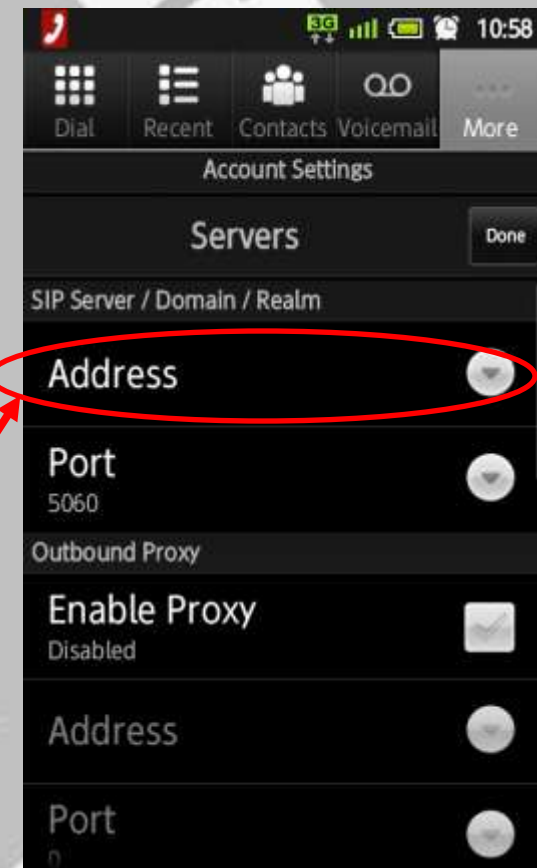
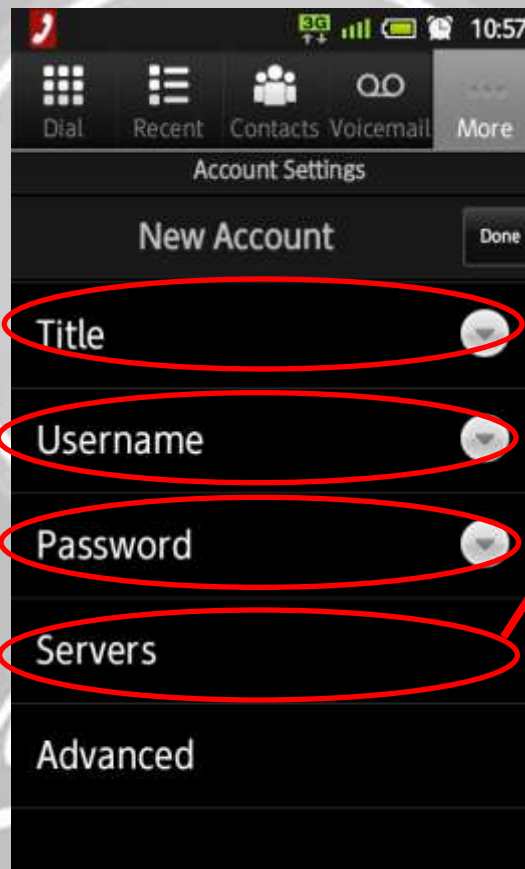
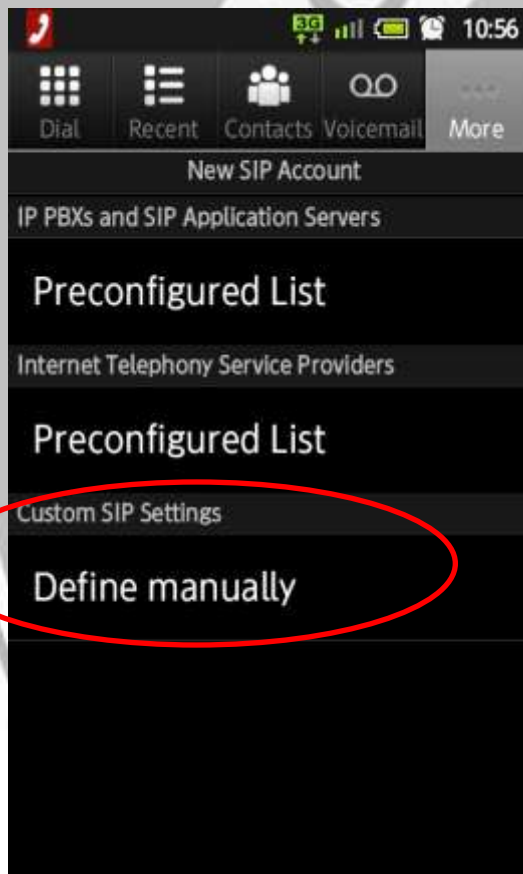
## SIP Phone Operation for Registration

This chapter explains using SIP Software Phone for Smart-phone by Media5.

# 21. Operation - 1



## 22. Operation - 2

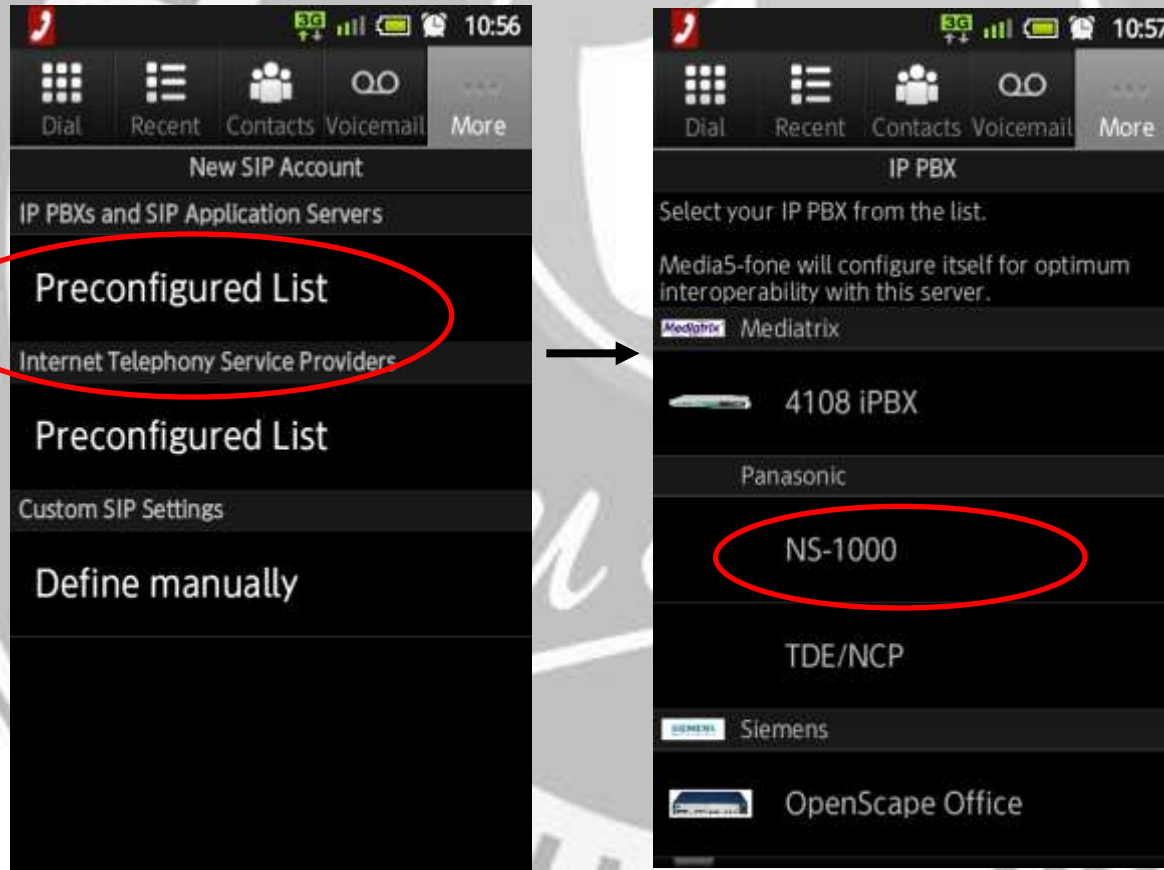


Title = Reference  
Username = Extension Number  
Password = SIP Password of PBX  
Servers = IP address of PBX LAN port

Extension Number	Password
133	1234
134	54321
135	888888

# 23. Note

Do not use this. This is for KX-NS1000 version 1 and version 2.  
If this is used, blind transfer does not work.



The background features a large, semi-transparent circular logo. The logo contains a stylized human figure with arms raised, positioned above a horizontal line. The text "TRAINING CENTER" is visible on the left side of the top arc, and "IT & Telecommunication" is on the right side. The bottom arc contains the text "IT-COMMUNICATION" and a trademark symbol "TM".

**Thank you !**

# Revision

Date	No. (*)	Change
Oct 15	-	First edition
Jan 19	14	SIP phone can be registered anytime, <a href="#">even after log-out from Web-MC.</a>

\*) Number in title

