KX-NS Step by Step Guide KX-NT/UT Phone Registration

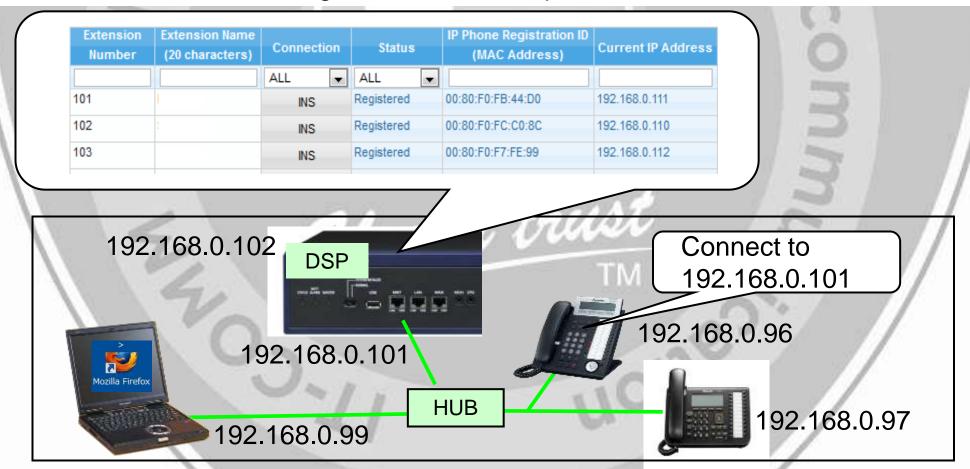
TM

Specifications are subject to change without notice.

1. Overview

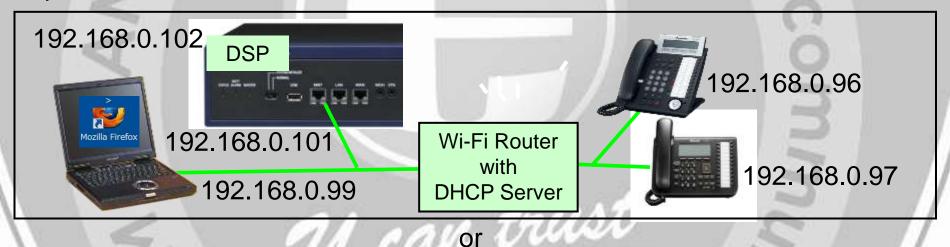
Operation of registration for KX-NTxxx and KX-UTxxx to KX-NS PBX is basically same as KX-NTxxx registration to KX-TDA/TDE/NCP.

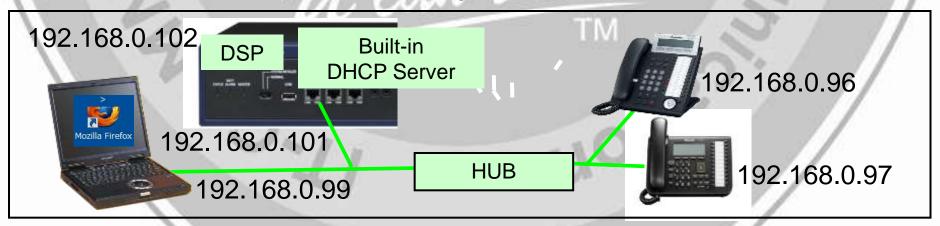
- MAC address of KX-NT/UT phone is assigned to KX-NS PBX.
- IP address of PBX is assigned to KX-NT/UT phone.



2. DHCP Server

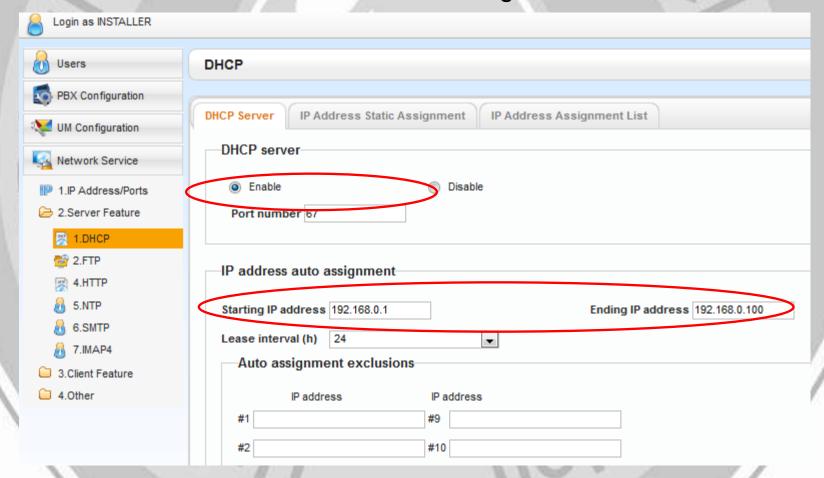
Network with DHCP server can provide IP address to PC, IP phone and VoIP DSP. Wi-Fi router is useful for demo with software SIP phone in smart-pone. KX-NS PBX also supports built-in DHCP server function thorough KX-NS PBX LAN port.



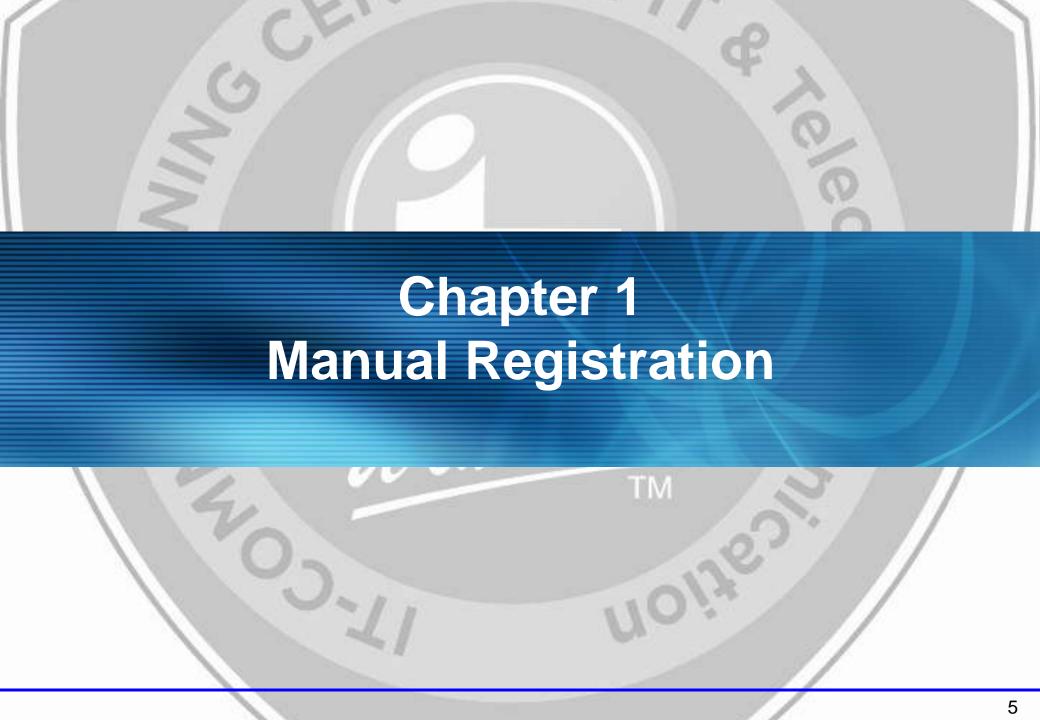


3. Built-in DHCP Server

Programming is required to enable built-in DHCP server function for LAN port. If customer network has DHCP server, this setting should be disabled.



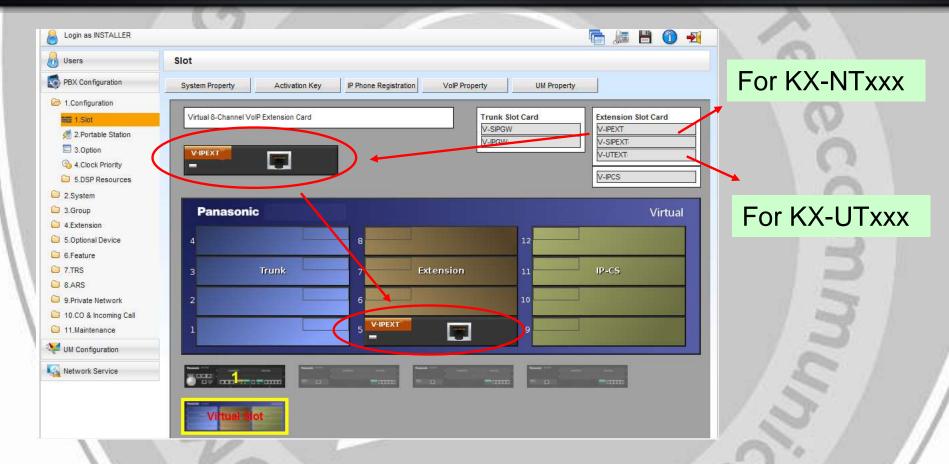
DHCP server function of KX-NS1000 MNT port is always enabled.



11. Select Virtual Cabinet.



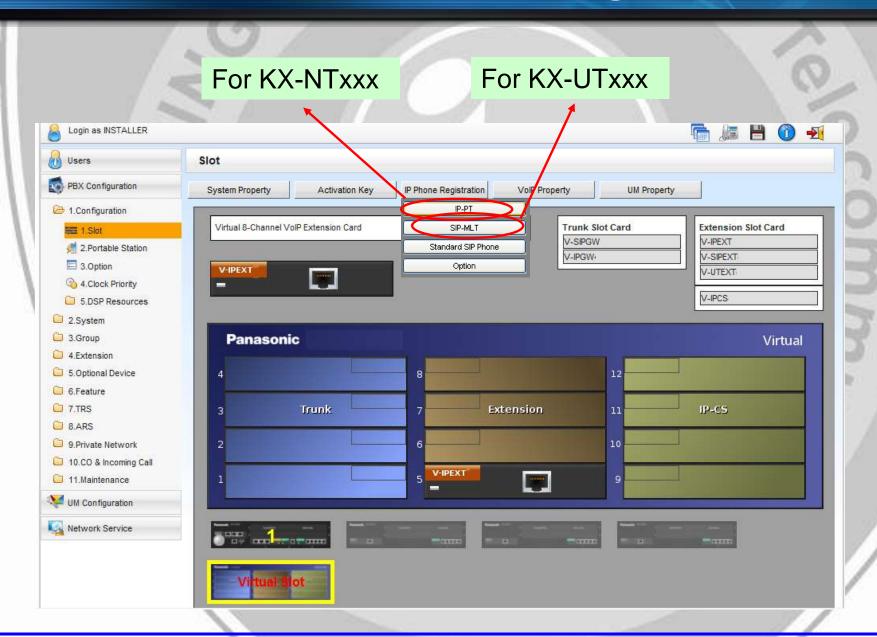
12. Install Virtual IP Card.



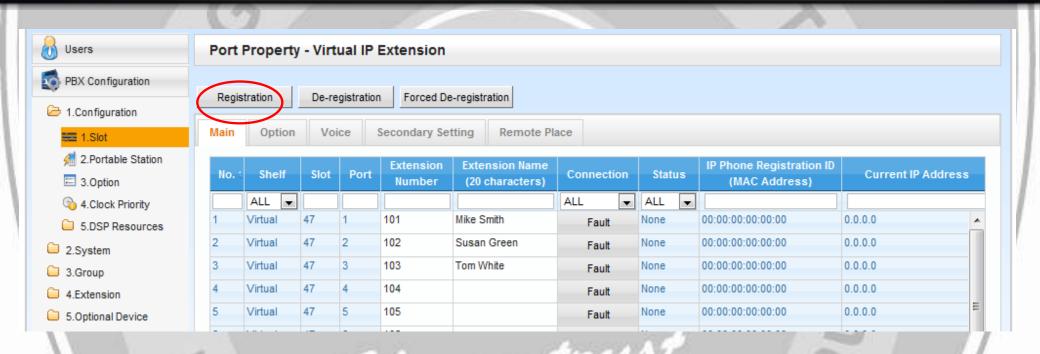
Virtual IP card can be registered to slave unit of KX-NS1000.



13. Select NT/UT Registration.

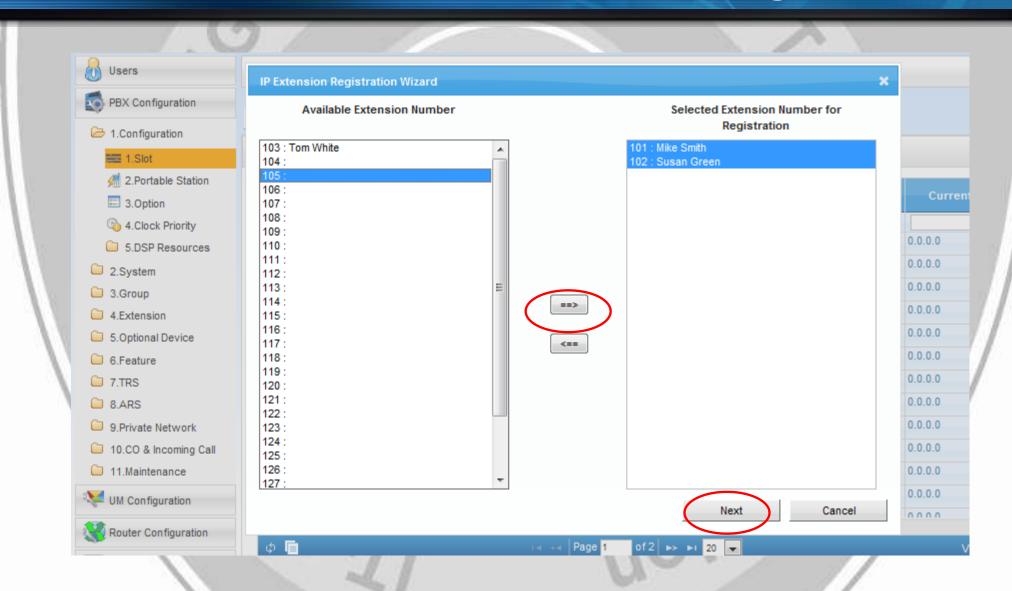


14. Click [Registration].

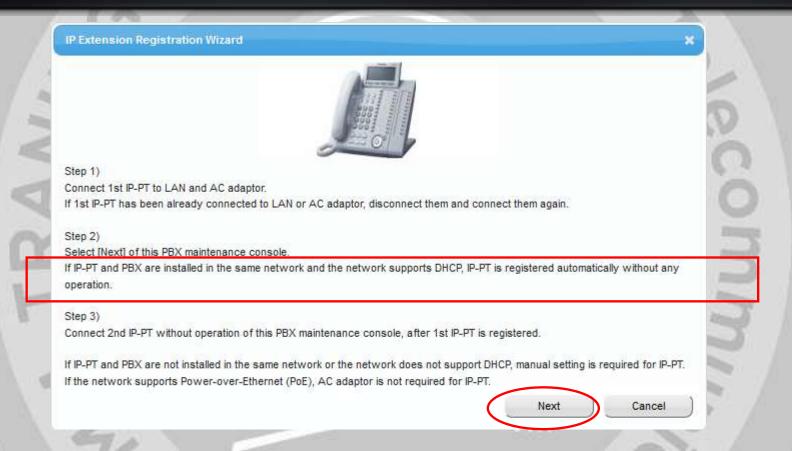


Extension number is assigned automatically when virtual IP card is installed.

15. Select Extension Number to register.



16. Click [Next] and connect KX-NT/KX-UT phone.

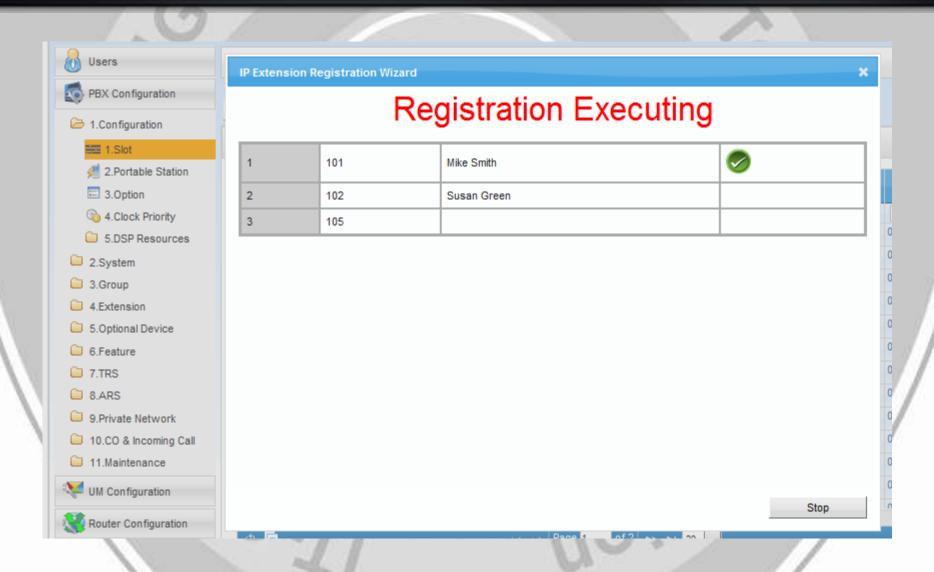


If IP address of destination PBX has been assigned to KX-NTxxx already, new IP address of destination PBX has to be input manually.

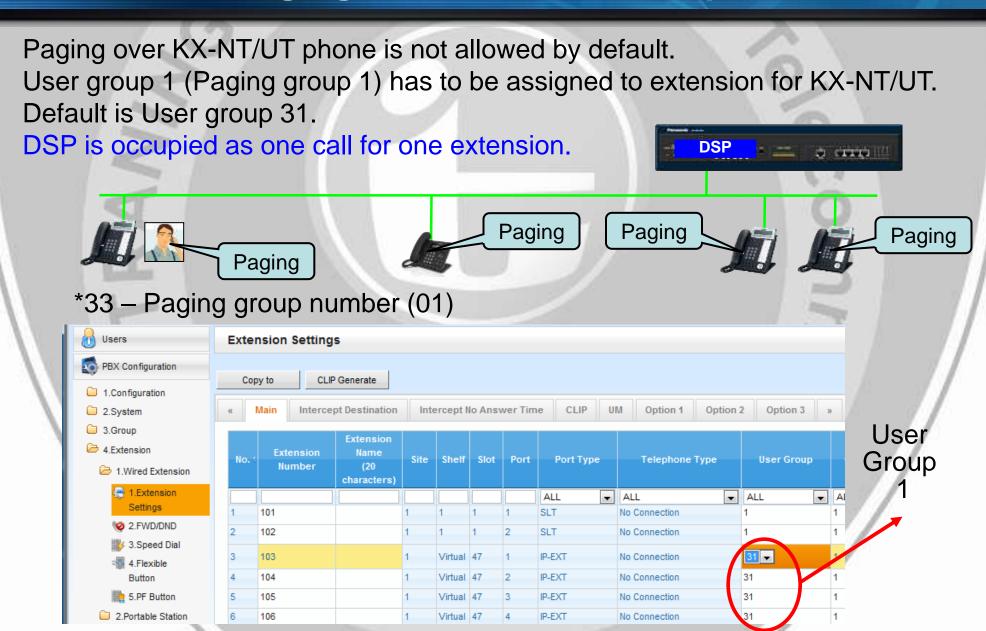
Use KX-NTxxx after de-registration from other PBX for demo.

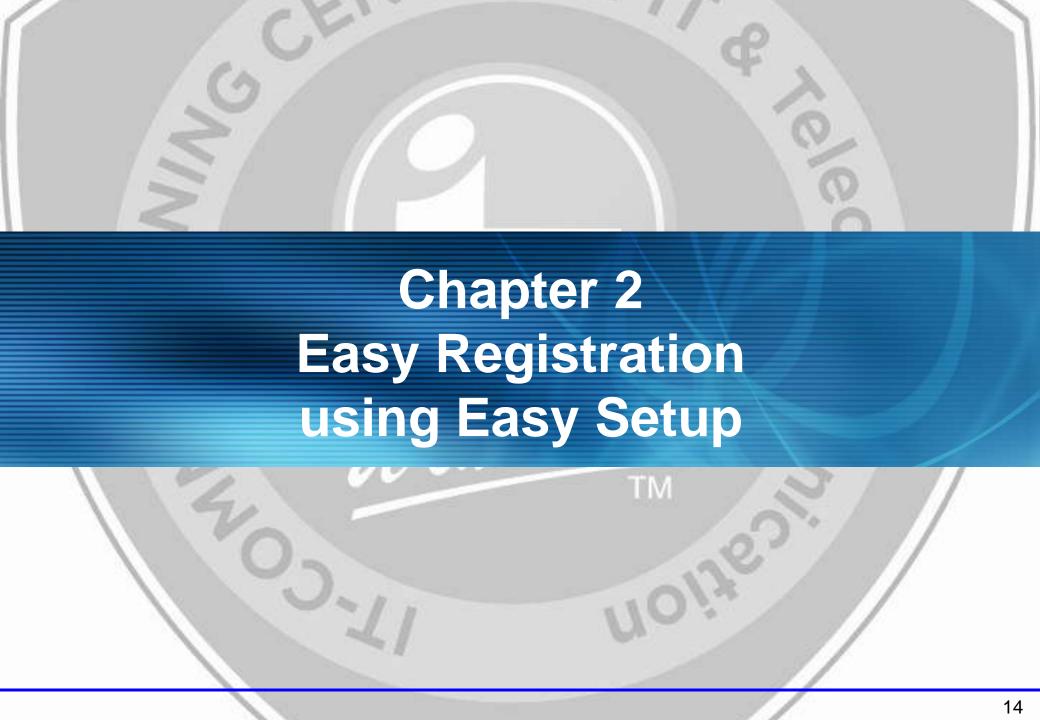
If network or KX-NS PBX does not support DHCP, IP address of KX-NTxxx has to be registered manually.

17. Registration starts.



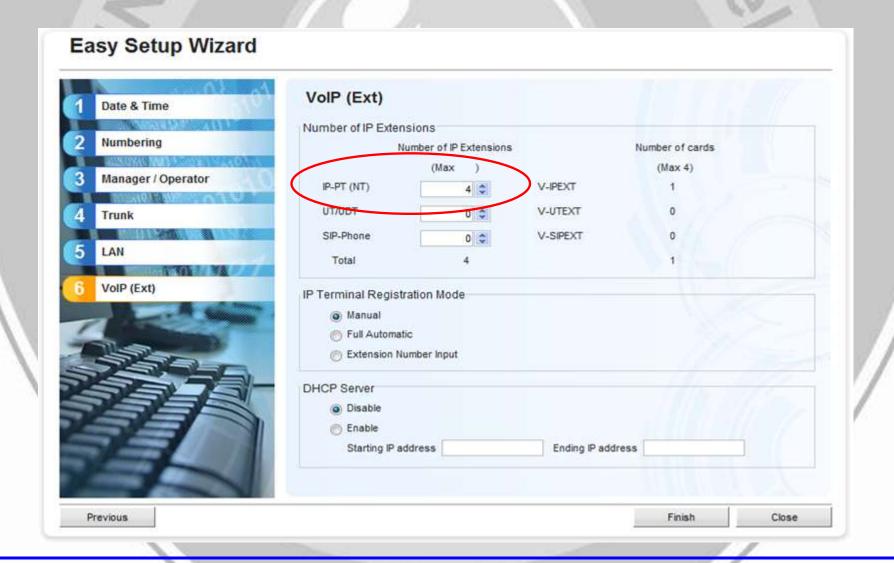
18. Paging over KX-NT/KX-UT phone





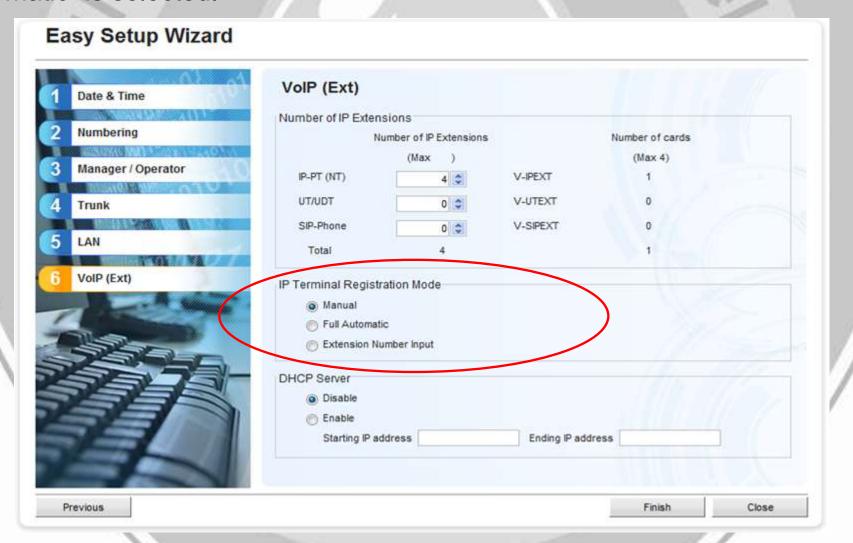
21. Virtual IP Card Installation

Virtual IP card can be installed during Easy Setup Wizard also.



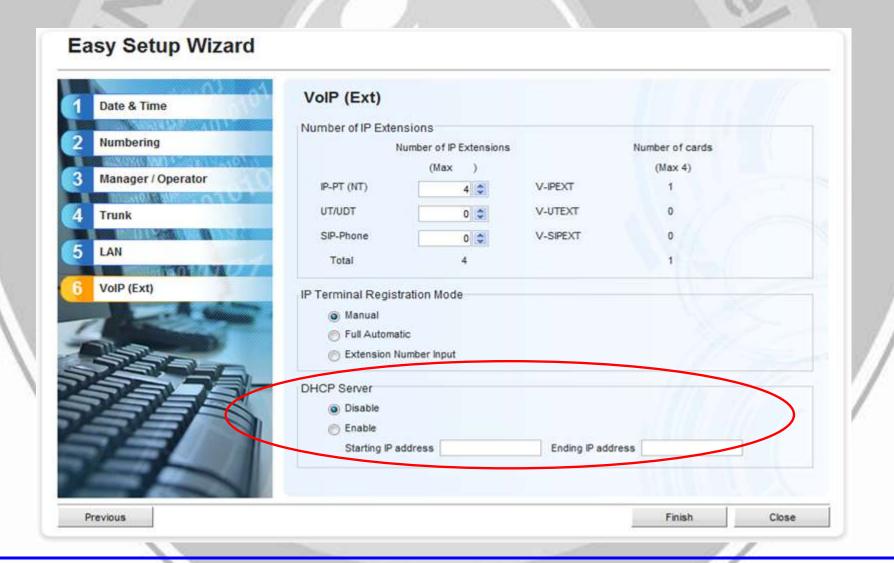
22. Automatic IP Phone Registration

IP phone can be registered anytime without Step 13 to 17 when "Full Automatic" is selected.



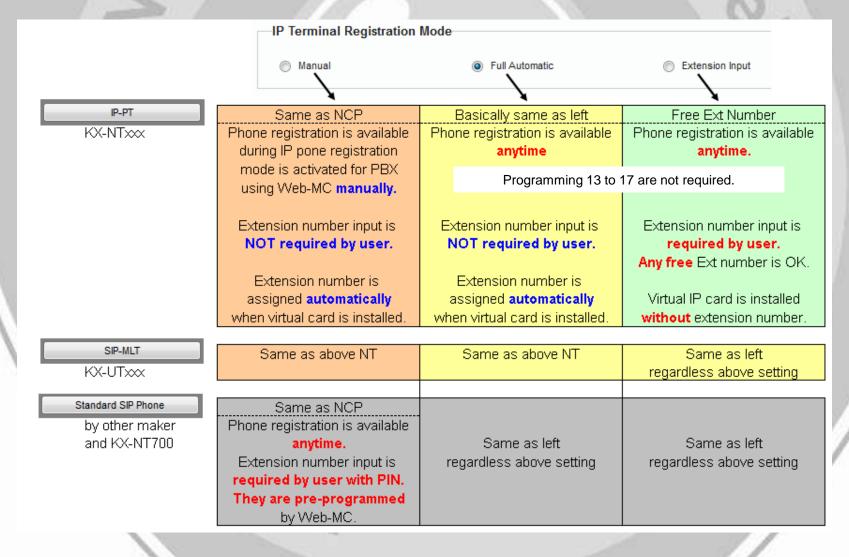
23. DHCP Server

Built-in DHCP server function can be installed during Easy Setup Wizard also.



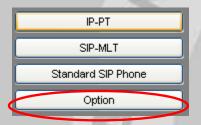
24. KX-NT Registration: Extension Input mode

Extension input mode is also available for KX-NT phone.

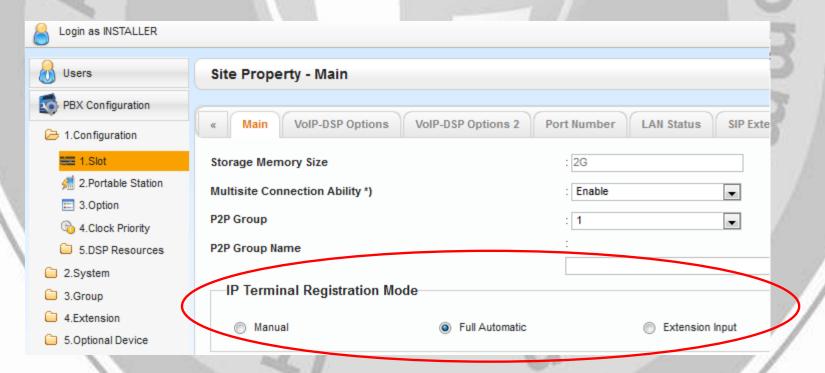


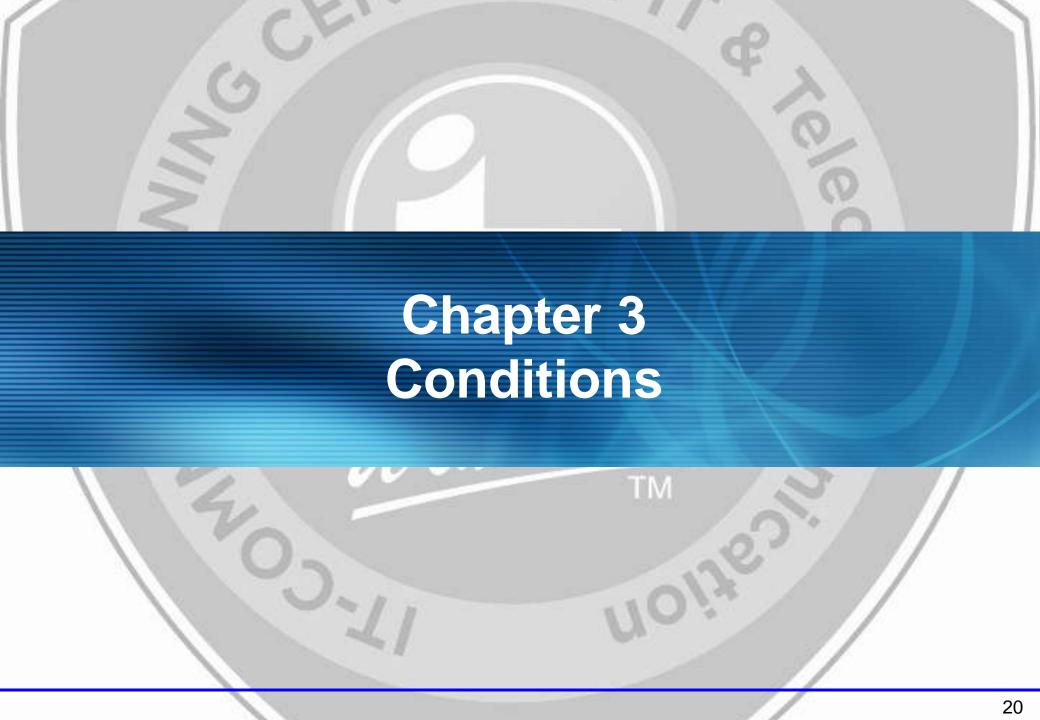
25. KX-NT/UT Registration Option

Condition for registration option is as follows.



- Extension input mode does NOT work if virtual card is installed with extension number using other mode.
- De-registration works only when manual mode.





31. KX-UT: Registration

Set factory default to KX-UT before KX-UT is registered to V-UTEXT card, if KX-UT has been already registered to other PBX or KX-UT has been programmed by log-in to KX-UT directly using Web.

*) Command #136 is to set default except for KX-UT670.

KX-UT670 has dedicated button to set default.

Software version of KX-UT670 should be version 1.12 or later to register to V-UTEXT card (Not V-SIPEXT card).

IP address of destination PBX and IP address of KX-UT phone cannot be input manually from KX-UT when registration. So KX-UT and KX-NS PBX have to be installed in the same network for registration. And the network or KX-NS PBX has to support DHCP server function.

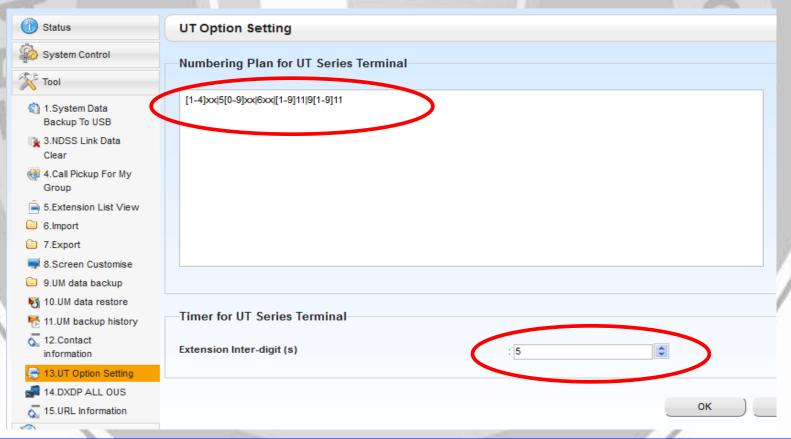
When KX-UT is used in remote office, it is required to dispatch after registration.

When KX-UT are registered to V-UTEXT of KX-NS PBX, log-in to KX-UT by Web is NOT required for any setting.

All required setting including dialing plan is available by KX-NS PBX.

32. KX-UT: Dialing Plan

Dialing plan (Numbering Plan) and timer can be assigned for KX-UT. If dialing plan is not programmed, user has to wait programmed time (Default : 5s) or press [Enter] after off-hook + dialing. It is required to restart KX-UT or OUS/INS of V-UT32EXT card in order to activate this setting.



33. KX-NT/KX-UT : Software Update

One or more KX-NT phone and KX-UT phone can be updated through KX-NS PBX at the same time.

- KX-UT has to be registered to V-UTEXT card (Not V-SIPEXT card) to use this method.

Software has two types.

- (1) Update through PBX as above.
- (2) Update IP phone directly.

Type 1

KX-UT670

For NE/X model

- (With PBX Header) V01.122 (2013 January 25/84,438,140 bytes)
- (Without PBX Header) <u>V01.122</u> (2013 January 29/ 84,438,104 bytes)

Type 2

34. KX-UT670 : Factory Default

Settings

When you reset the unit, all settings are returned their factory default status and all data is erased. You can reset the unit in the following 2 ways.

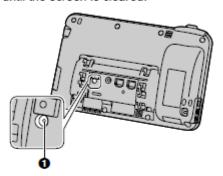
· Clear data and settings

All unit settings and the settings and registered data of applications are erased. However, applications are not erased.

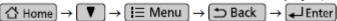
· Reset to factory default

All data is erased. Applications, apart from pre-installed applications, are also erased.

 After starting the unit, press and hold the RESET button () with a pointy object for more than 5 seconds until the screen is cleared.



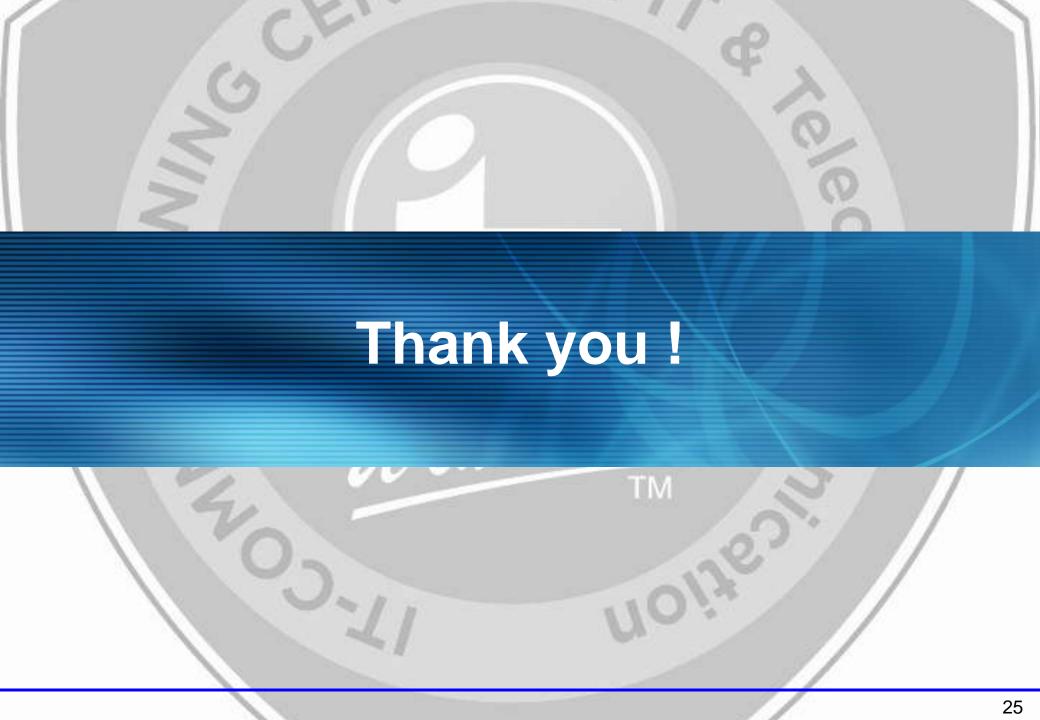
2. After the unit is restarted and **Reset Menu** is displayed, tap the key sheet in the following order:



3. Tap or to select the resetting type, and then tap Enter.

Note

- For details about the key sheet, refer to the Operating Instructions on the Panasonic Web site (→ see Introduction).
- Data stored on the SD card is not erased.
- If you tap [Cancel], the unit will start-up and the Home screen is displayed.
- When the reset is complete, the unit will automatically restart.



Revision

Date	No. (*)	Change	
Oct 15		First edition	
Dec 14	70	Picture was revised	0
	34	This page was added about KX-UT670 factory default.	0
Jan 20	1	Picture was revised.	0
	0.4		
			3

