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KX-HTS Step by Step Guide **KX-HDV**

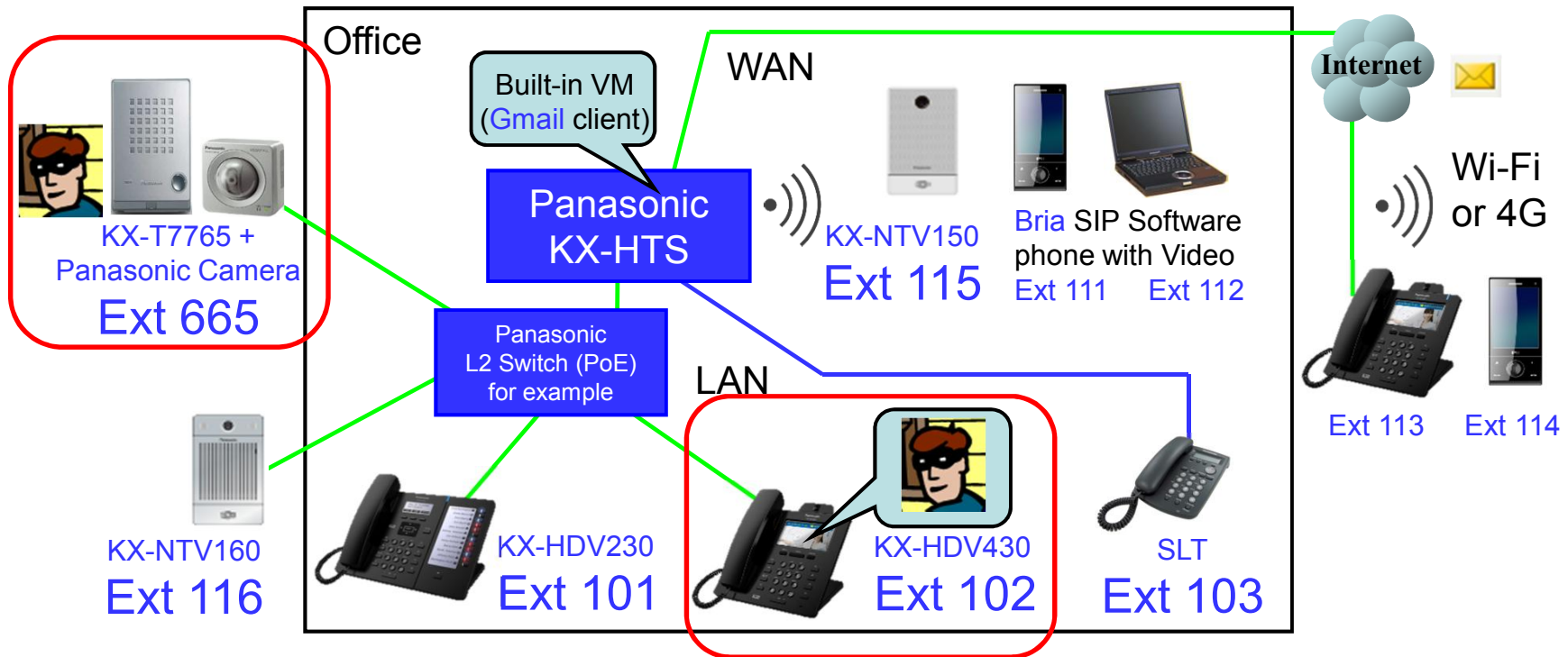
August 3, 2016

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	Plug & Play
2	KX-HDV430
3	Software version

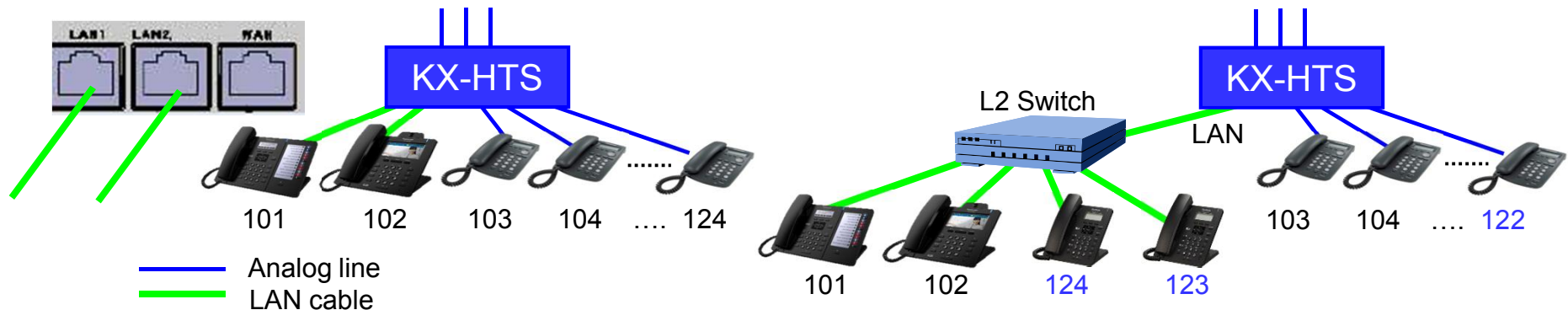
Chapter 1

Plug & Play

11. Connect Phones.

Total 24 KX-HDV phone and Analog SLT phone can be connected automatically **without any programming**.

- SIP phone registration is required manually for other SIP phone including KX-NTV.
- Extension 101 and 102 are for KX-HDV. 103 to 124 are for SLT.
- If more than 2 KX-HDV phones are connected, L2 Switch is required and **larger extension number is used for KX-HDV automatically** instead of SLT. SLT port of the extension does not work.

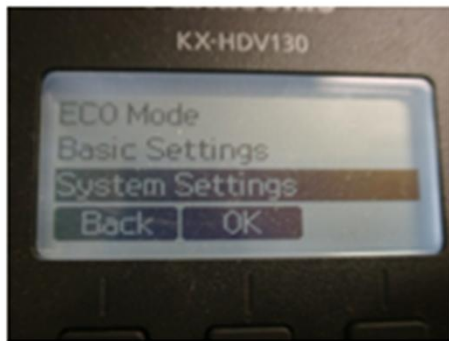


For example, 4 KX-HDV phones and 8 SLT phones can be connected without optional 8-port SLT card. Virtual card installation (like KX-NS) is also not required.

12. Initialize KX-HDV Phone.

If KX-HDV phone has been already registered to other SIP server or SIP carrier, it is required to initialize it in order to connect to KX-HTS.

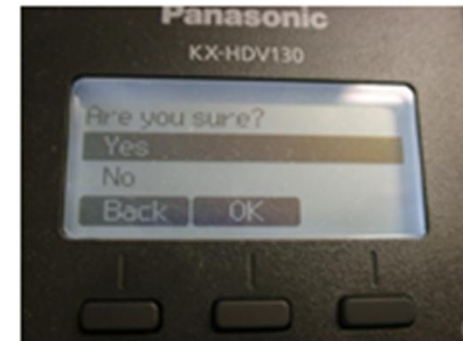
1. Select "System Settings".



2. Dial #136.



3. Select "Yes".



13. Disable KX-HDV Automatic Registration.

Forced assignment from SLT port to SIP (KX-HDV) can be disabled.

The screenshot displays the HTS Web Maintenance Console interface. The header shows 'HTS Web Maintenance Console' with the phone number '000.00312'. On the left is a 'PBX Configuration' sidebar with a tree view containing: 1. System, 2. Extension, 3. Trunk, 4. TRS/ARS, 5. System Speed Dialling, 6. Conference, and 7. Voice Mail. The main content area is titled 'System Options' and shows a breadcrumb path: 'PBX Configuration > 1. System > 6. System Options'. Below this are tabs for 'Feature', 'Audio Gain', 'DSP', and '[Reserved]'. The 'Feature' tab is active and contains several settings: 'Trunk Access Priority' with radio buttons for 'CO-8 to CO-1' (selected), 'CO-1 to CO-8', and 'Rotation'; 'Reserved concurrent trunk call' with a dropdown menu set to '4'; 'Reserved concurrent G.729 call' with a dropdown menu set to 'No Reservation'; and 'Forced Assignment to SIP Extension Port' with radio buttons for 'Enable' and 'Disable' (selected). This last setting is highlighted with a red rectangular box. Below these are 'Ring Tone Pattern' settings for 'Trunk' (radio buttons for 'Single' and 'Double', with 'Single' selected) and 'Extension/Doorphone' (radio buttons for 'Single' and 'Double', with 'Double' selected).

14. Register KX-HDV to desired extension.

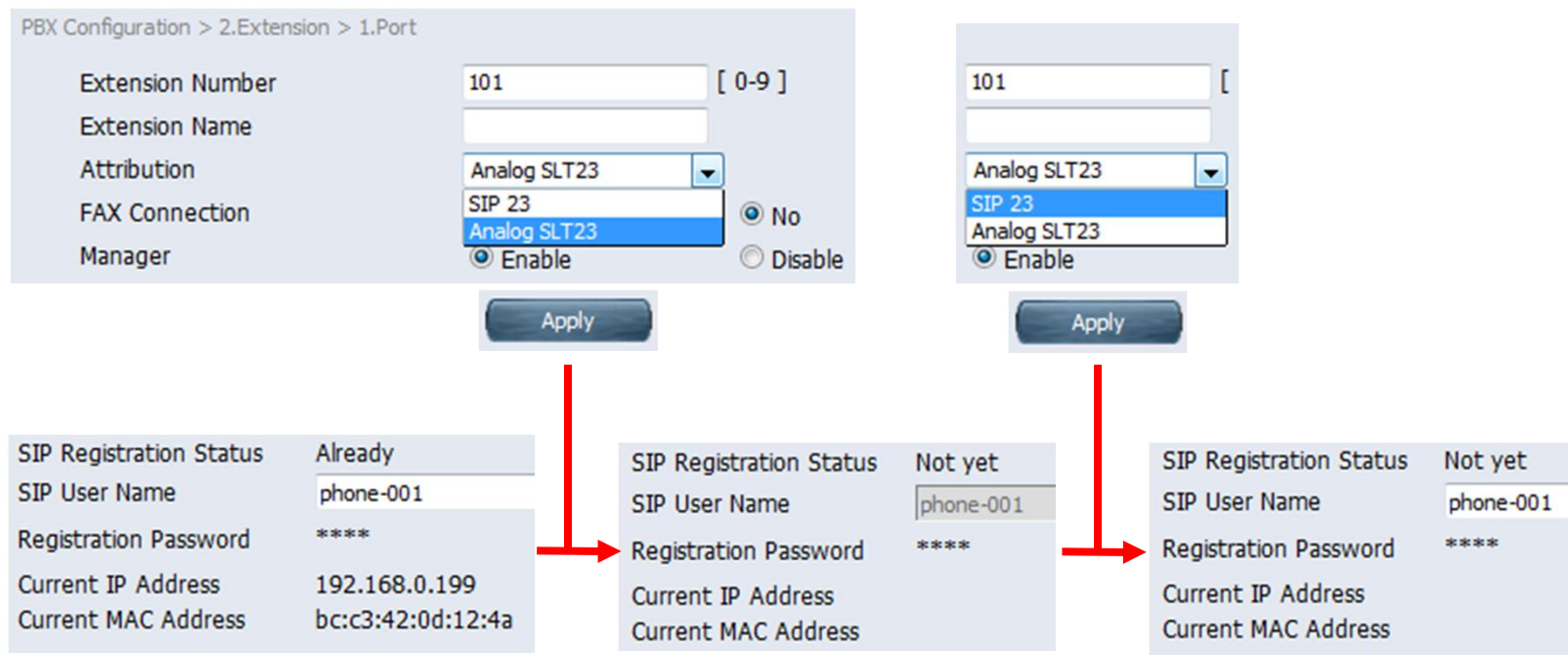
Click port 105 for example, and change attribution to SIP.

The screenshot displays the HTS Web Maintenance Console interface. The main area shows the PBX Configuration for extension 105, which is highlighted with a red box. The configuration includes a list of extensions (119-124, 101, 102) and a set of buttons (1-2) labeled 'Doorphone'. Below this, another set of extensions (111-118) and buttons (5-8) labeled 'Trunk' are shown. The bottom section shows a list of extensions (103-110) with buttons (1-8) labeled 'Trunk'. The extension 105 is highlighted in blue. To the left, a sidebar lists the configuration steps: 1. System, 2. Extension, 3. Flexible Buttons, 4. Extension Group, 5. Doorphone, 6. Analog SLT Property, 7. SIP Extension Property, and 3. Trunk. The bottom section shows the configuration details for extension 105, including the Extension Number (105), Extension Name, Attribution (SIP 3), FAX Connection, and Manager (Fnahme).

When KX-HDV is connected newly, it is registered to 105 automatically.

15. Remove KX-HDV.

KX-HDV phone can be removed from KX-HTS (for replacement).
KX-HDV phone is registered using [MAC-address](#) of each KX-HDV phone.



Chapter 2

KX-HDV430

21. Enable Video Call for KX-HDV430.

Video call has be enabled manually.

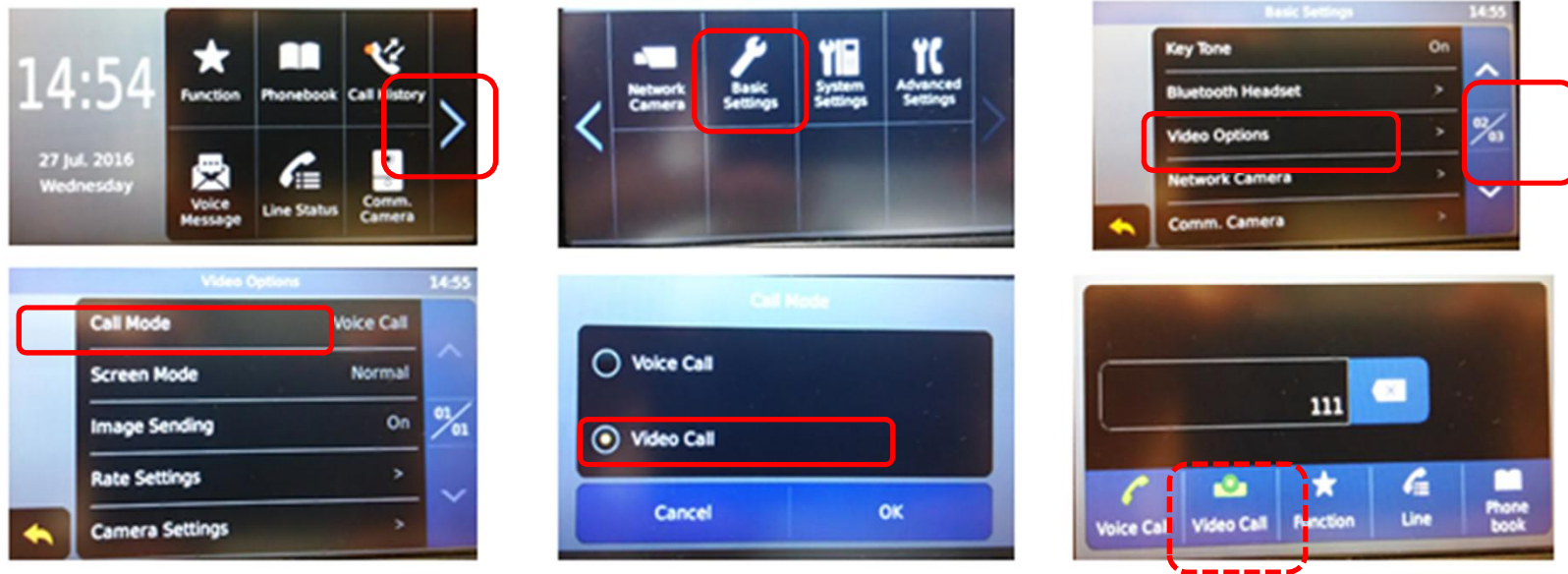
PBX Configuration > 2.Extension > 1.Port



SIP Extension	
SIP Registration Status	Already
SIP User Name	phone-002 [0-9 a-z A-Z - .]
Registration Password	**** <input type="button" value="Edit"/>
Current IP Address	192.168.0.105
Current MAC Address	08:00:23:f6:71:a0
Phone Location	<input checked="" type="radio"/> Local <input type="radio"/> Remote <input type="radio"/> Remote(G.729)
Alive Check	<input checked="" type="radio"/> Enable <input type="radio"/> Disable
Alive Check - Interval	60 (seconds)
Packet Sampling Time	20 (ms)
DTMF	Outband(RFC2833)
Video Support	<input checked="" type="radio"/> Enable <input type="radio"/> Disable
Call Limit	2

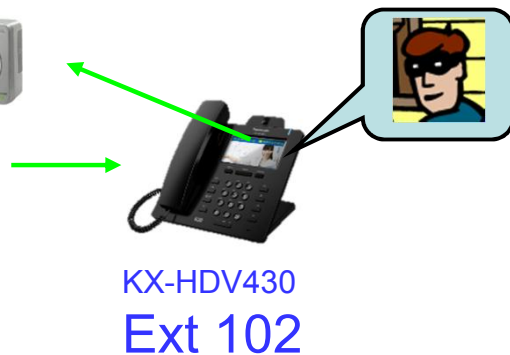
22. Enable Automatic Video Call.

Video call can be started automatically by off hook.
It is not required to press <Video Call> button when calling.
When PBX is KX-HTS, video cannot start during talking. Video has to start when talking starts.



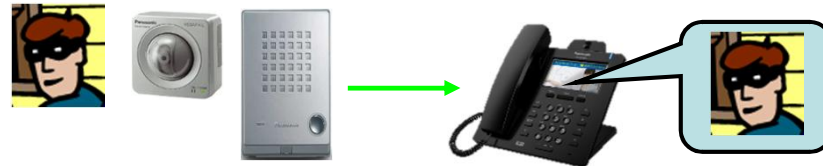
23. Compatible IP Camera for KX-HDV430

When KX-HDV430 receives a call from doorphone or extension, paired IP camera can be displayed automatically.



<Panasonic Camera>
BB-SC384B
WV-SPN311A
WV-SFN631L
WV-SC385
WV-SW458
DG-SW396
and so on

24. Assign destination of call from Doorphone.



HTS Web Maintenance Console
000.00285

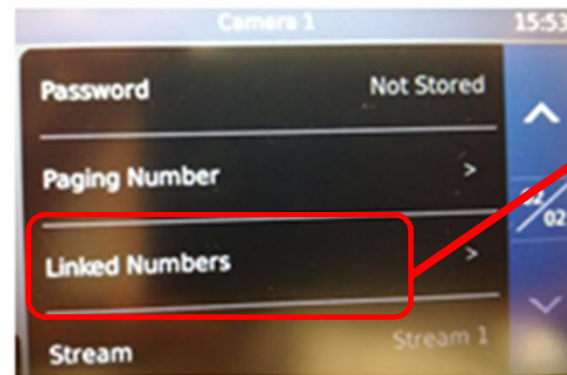
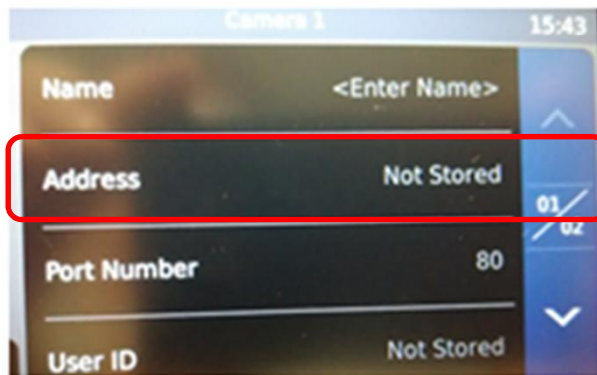
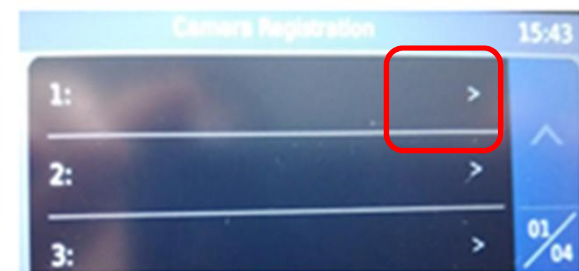
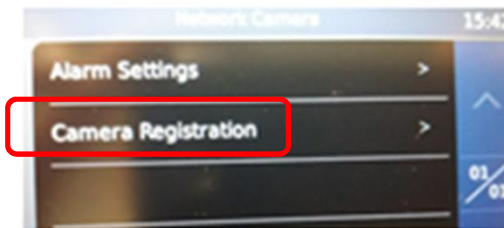
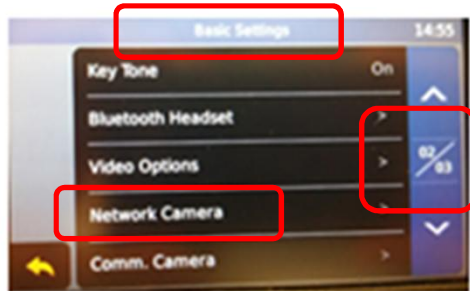
Doorphone
PBX Configuration > 2.Extension > 5.Doorphone

No.	Extension Number of Doorphone [0-9]	Name	Doorphone Call Destination Day	Doorphone Call Destination Lunch	Doorphone Call Destination Night
1	665	Door	102/	601/Group	101/
2	666	Door	601/Group	601/Group	101/

Doorphone Ring Duration: 15 (seconds)
Door Open Duration: 5 (seconds)

25. Assign IP address of Camera.

IP address of camera and paired phone number can be assigned for 16 cameras.



Chapter 3

Software Version

30. Software Version

Software of KX-HTS, KX-HDV and KX-NTV has to be latest.

KX-HTS version 1.5 supports followings.

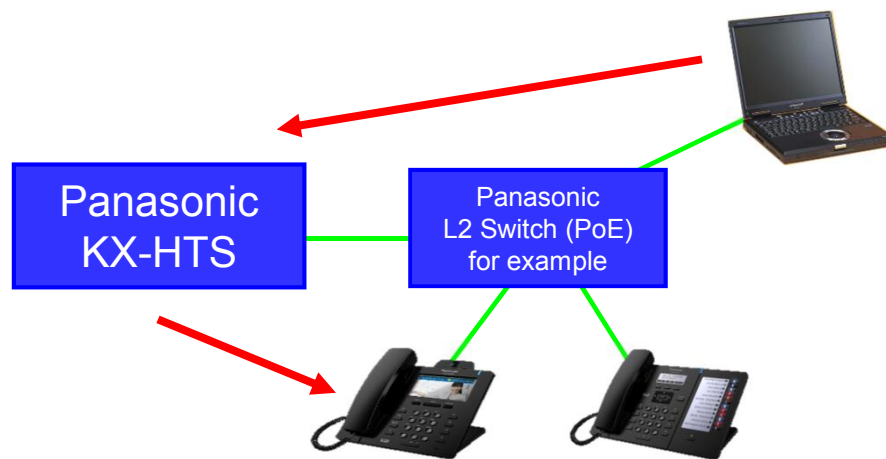
- (1) Phone book on LCD of KX-HDV by PBX system speed dial
- (2) CO button of KX-HDV230
- (3) Conference by SLT

Software version up of **KX-HDV** phone is also required for (1) and (2).

31. Version up of KX-HDV Phone

Even if firmware of KX-HTS is not latest, KX-HDV is registered as SIP extension automatically.

Version up of KX-HDV phone is available from PC which logs in to KX-HTS.



32. Transfer Latest Firmware to PBX.

HTS Web Maintenance Console 000.00211 English (US) ▼

PBX Configuration

Network Configuration

Maintenance

- 1. Management
- 2. System Control
 - 1. Firmware Transfer to PBX
 - 2. Firmware Update
 - 3. System Data Backup & Restore
 - 4. System Reset
- 3. Utility

Firmware Transfer to PBX

Maintenance > 2. System Control > 1. Firmware Transfer to PBX

Transfer from Local PC USB Memory

Transfer from Local PC

File Name

Transfer from USB Memory

File Name

Firmware should be placed /private/meigroup/psn/hts/update/



Panasonic
KX-HTS

33. Update the Firmware to KX-HDV.

HTS Web Maintenance Console 001.00001 English (US) Logout

PBX Configuration
Network Configuration
Maintenance

- 1. Management
- 2. System Control
 - 1. Firmware Transfer to PBX
 - 2. Firmware Update
 - 3. System Data Backup & Restore
 - 4. System Reset
- 3. Utility
 - 1. USB
 - 2. System Log
 - 3. Email Notification

KX-HDV230	xxxx.tar.gz	versionXXX	Delete
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Update Target

Target	Type	Port	Current Version
<input type="checkbox"/>	Main Unit	-	versionXXX
<input type="checkbox"/>	KX-HDV100	1	versionXXX
<input type="checkbox"/>	KX-HDV100	2	versionXXX
<input type="checkbox"/>	KX-HDV130	3	versionXXX
<input type="checkbox"/>	KX-HDV230	4	versionXXX
<input type="checkbox"/>	KX-HDV100	5	versionXXX

Panasonic
KX-HTS



Revision

Date	No.	Change
July 28, 2016	All	First official release
August 3, 2016	14 (Pahe 8)	This page was divided from 13.

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