Remote Access to Embedded WEB by NAT Port Forwarding

(KX-UDS/UDT series)

No. 42-016

September 28 , 2012

Ver.1.0

Panasonic Corporation

Abstract about this document

This document describes about how to access to the WEB interface of phone which is located behind the router with NAT.

Revision history

Date	Version	Revision	Firmware version
Sep 28, 2012	Ver. 1.0	Initial Release	All versions
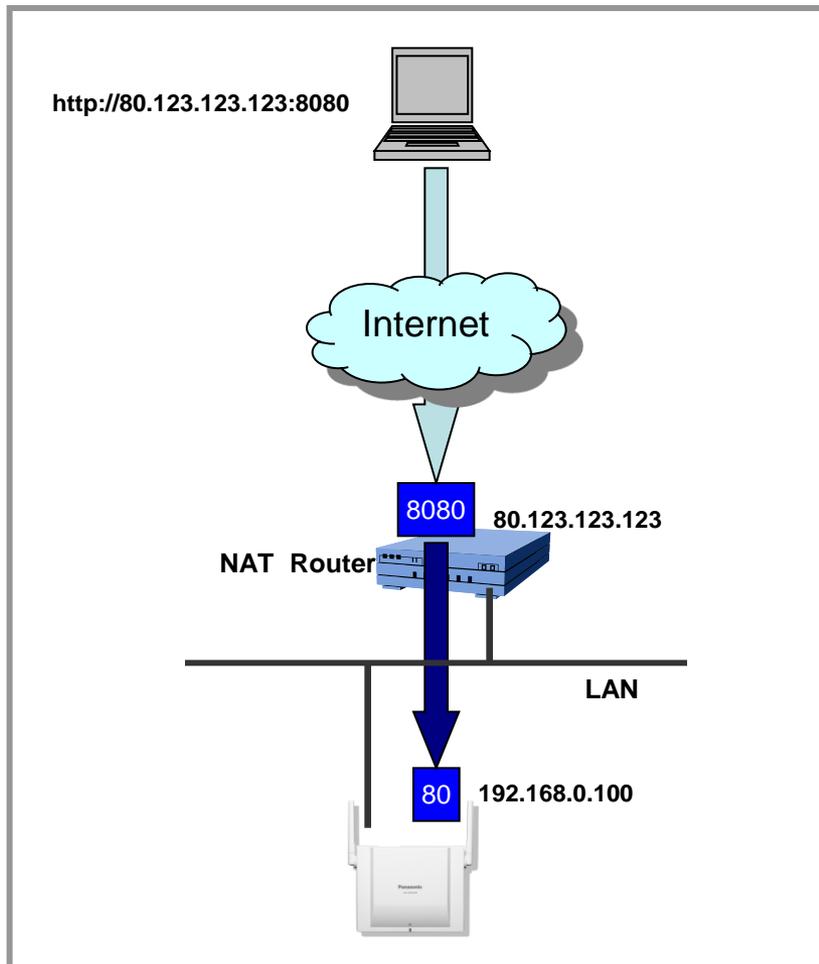
Port forwarding are well-known technologies for enabling internet remote access to local devices behind NAT router or firewall.

And special setting is required for accessing to the device behind NAT router.

Please refer to the following section for the setting method for Port forwarding to access to device behind NAT router.

1. UDS settings
2. NAT Router settings
3. Remote Access to Embedded WEB

1-1. Confirm the IP address of KX-UDS.
   Refer to page 7,8.

1-2. Embedded Web.
   Refer to page 9

NOTE!

The Web port of the unit will be closed automatically in the following conditions:

– The port close timer configured through the Web user interface expires (default 30 minutes).

– 3 consecutive unsuccessful login attempts occur.

Private IP address: 192.168.0.10
Port   : 80

UDS

PC1

Network

NAT Router

* IP Address, port number is example.

PC2
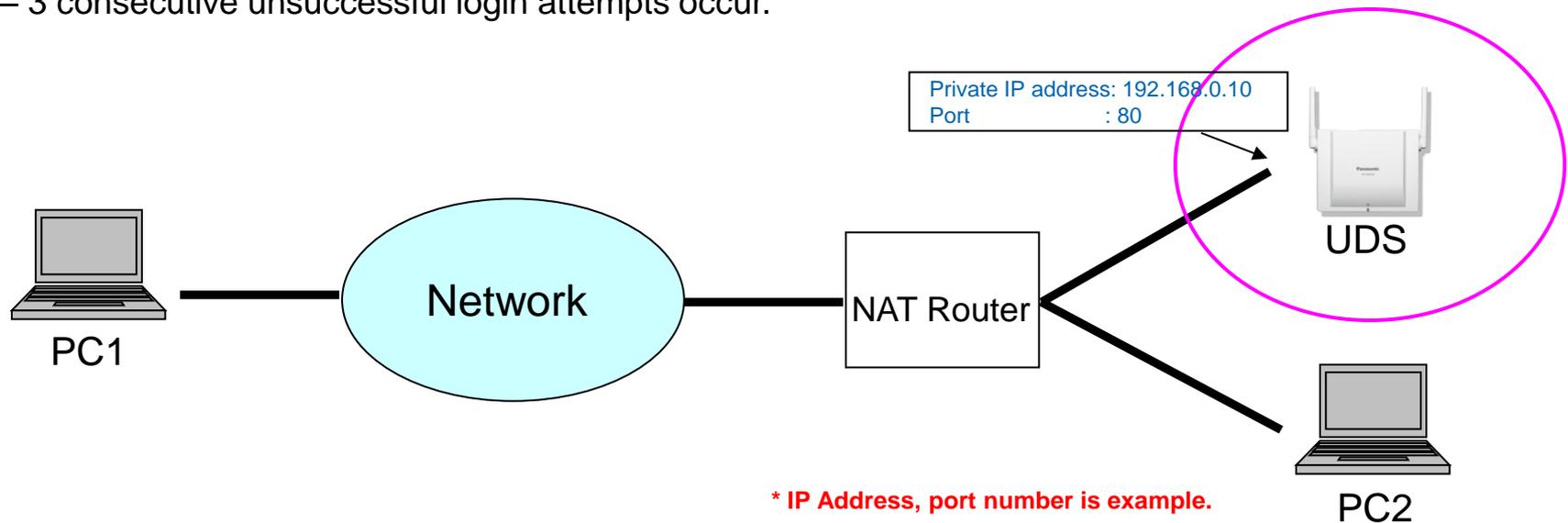
2-1. Access to the WEB user interface of NAT router by PC2.

2-2. Check the global IP address

2-3. Open "Port Forwarding (example)" page

2-4. Set the open WAN port number and select protocol (TCP,UDP)

2-5. Set the IP address (confirmed by 1-1) and port number (80) of UDS.

For details about the settings, see the manual of NAT router.

*If you want to access all CSs, you need to register IP address of all CSs to NAT router.

Private IP address: 192.168.0.10
Port   : 80

UDS

PC1

Network

NAT Router

Global IP address: 80.123.123.123
Port   : 8080

PC2

* IP Address, port number is example.
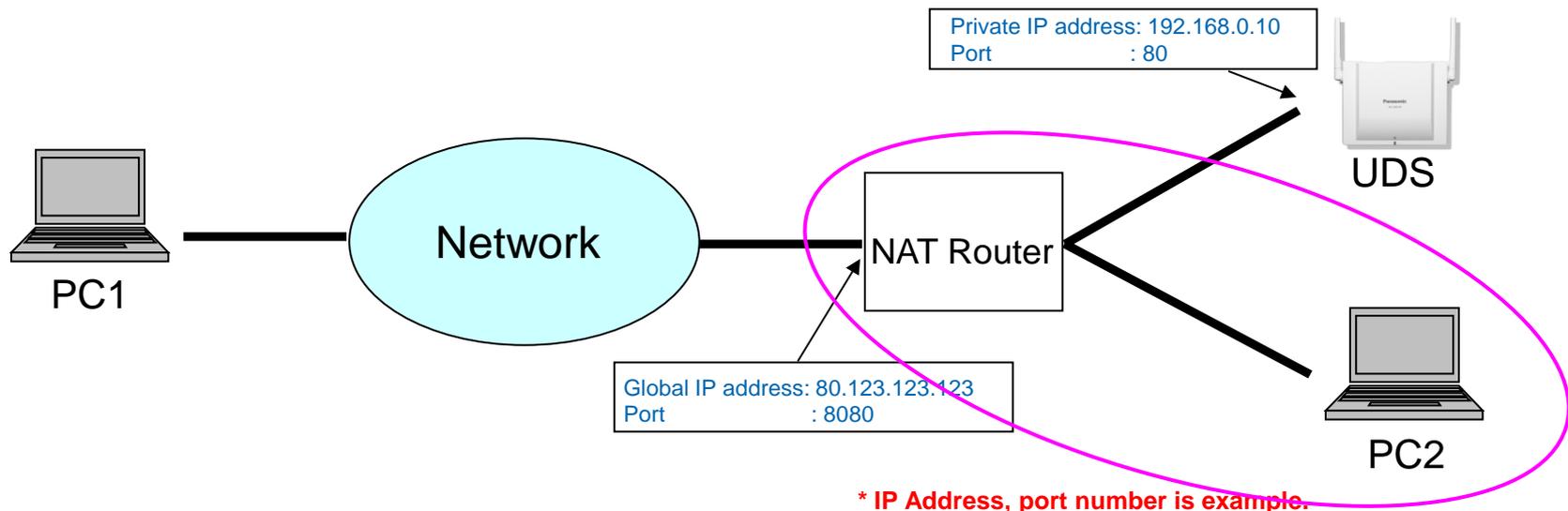
Operations of PC1.

1 : Open your Web browser.

2 : Enter NAT router URL (global IP address) and port number to Web browser
(http://NAT_router_URL:port number) .

Then the authentication screen of UDS is opened.

3 : Enter user name (admin) and password (adminpass) and click "OK".

4 : The Web user interface window is displayed.

Configure the settings for the unit as desired.
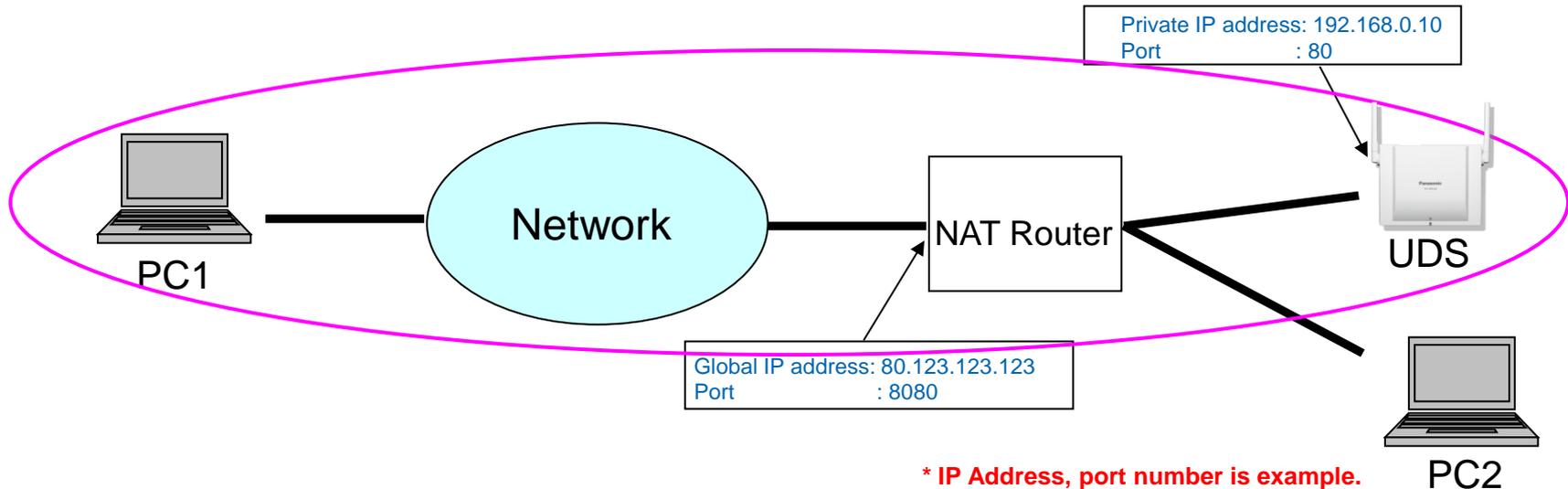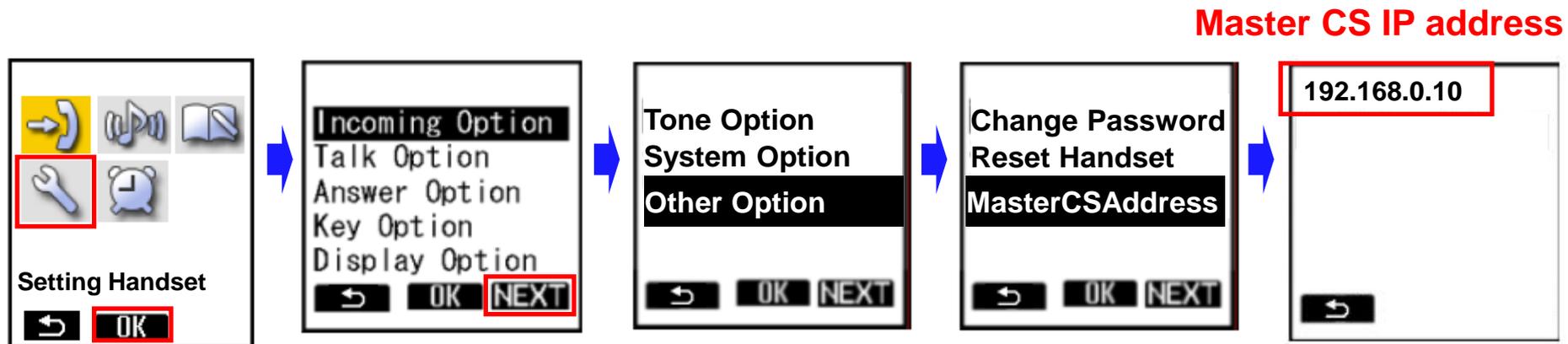
Private IP address: 192.168.0.10
Port   : 80

Network

NAT Router

PC1

UDS

Global IP address: 80.123.123.123
Port   : 8080

* IP Address, port number is example.

PC2

Master CS IP address

192.168.0.10

1. **Turn on the PS.**
2. **Press [Menu] or the [CENTER] navigation key.**
3. **Select "Setting Handset" and then press [OK].**
4. **Press [NEXT].**
5. **Select "Other Option" and then press [OK].**
6. **Select "MasterCSAddress" and the press [OK].**
   ・ **Display the Master CS IP address.**

1. Log in to the Super Master CS.

2. In the [System] tab, select [CS Management].

3. Select the Air Sync Group.

4. List of registered CS is displayed.
   Please check IP address.

Appendix : How to Open the CS Web port
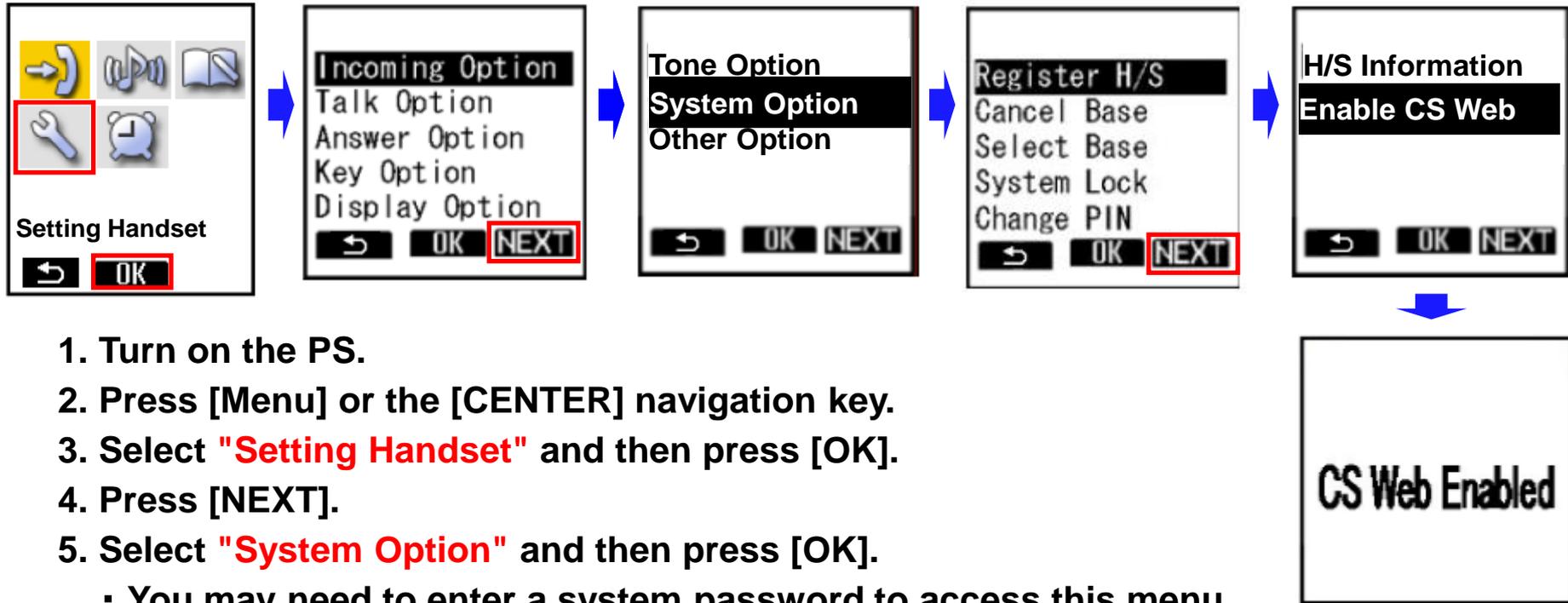
Setting Handset

1. **Turn on the PS.**
2. **Press [Menu] or the [CENTER] navigation key.**
3. **Select "Setting Handset" and then press [OK].**
4. **Press [NEXT].**
5. **Select "System Option" and then press [OK].**
   ・ **You may need to enter a system password to access this menu.**
6. **Press [NEXT] to display the second screen,**
   select "Enable CS Web", and then press [OK].
7. **When the operation is complete, "CS Web Enabled" is displayed.**

CS Web Enabled