



PresenceS – the software that allows to use BLF buttons on  
Panasonic SIP phones connected to Panasonic PBX

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## 1. Intro

**PresenceS** – the software that allows to use BLF buttons on Panasonic SIP phones of KX-HDV, KX-UT series connected to Panasonic PBX of KX-TDE/NCP/NS/NSX/NSV series

The main idea of **PresenceS** is usage of simplified SIP presence server, on which SIP phones register and CSTA connector to PBX to get phones or lines statuses, which are sent to registered SIP phones.

Another option is to use connection to Carmona Contact Center Server instead of direct connection to PBX.

The software consists of only one component: Windows-service named *PBX Presence Service*.

The web browser should be used to configure the PBX connection parameters or Carmona Contact Center Server connection parameters, SIP phones registration profiles, user's profiles and software activation.

Numbers of SIP phones that can be registered are defined by purchased license. Not licensed software can work with only two SIP phone registrations.

**PresenceS** can work with the following models of PBX:

- Panasonic series: KX-TDE, KX-NCP, KX-NS, KX-NSX , KX-NSV

**PresenceS** can work with the following models of SIP phones:

- Panasonic series: KX-HDV, KX-UT, KX-TGP

This document related to **PresenceS** version 1.1.2.

Minimum requirements for the PC or server, where **PresenceS** should be installed:

Operation System: Windows 7, Windows 8.x, Windows 10 /Windows Server 2008 and higher, 64-bit OSs are preferable

RAM: 4 Gb and more

Hard Drive: 500 GB and more

Network Interface Card: 100Mbit

CPU: 1500 MHz or higher.

You should use the next web browsers:

Chrome, Firefox, Edge.

## 2. Installation

To start the installation, run PBX Presence Server Setup Win7-64 v1.1.2.exe for 64-bit Windows7/ 8/8.1 or Windows Server 2008/2012 OSs or PBX Presence Server Setup Win10-64 v1.1.2.exe for 64-bit Windows10 or Windows Server 2016/2019 Oss.

Follow the prompts of the installer.



When you finished installation, you will be prompted to set Http port on which the software will wait for the connection from web browser (web-interface HTTP port).

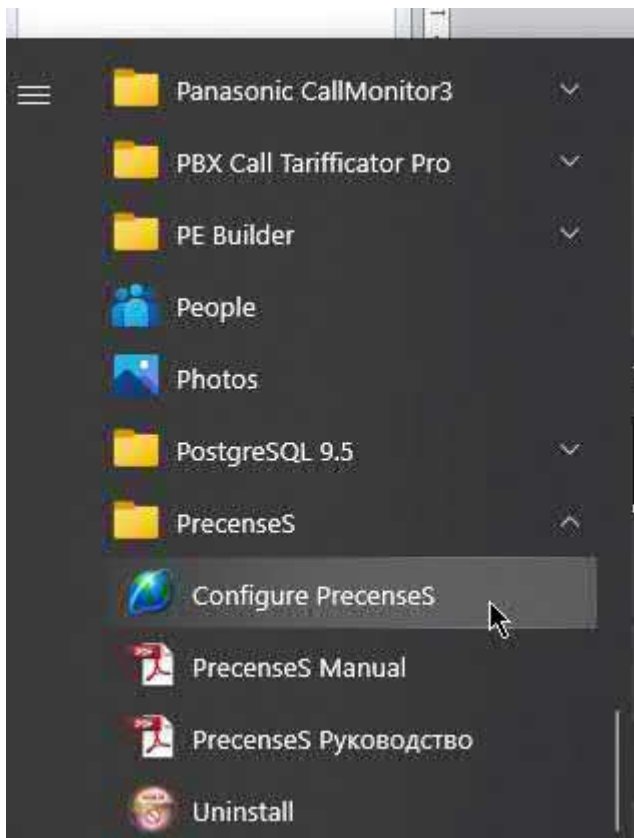


Select or leave default port, and press [Start Service] button, then press [OK] button in confirmation window to start service.

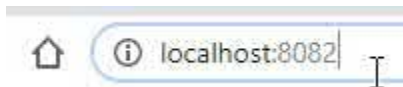
### 3. Configure

#### 3.1. Start to configure

To start configure the system use “Configure PresenceS” item in the Programs Menu:



or run internet browser:



Where 8082, for example, is the port number you have set at installation stage, for example.

or run internet browser on another PC:



Where 192.168.1.4" is the IP address of computer when **PresenceS** is installed and 8082, for example, is the port number you have set at installation stage.

The login page will open and you will be prompted to authorize in the system:

 A screenshot of the PresenceS login interface. At the top, there are two small icons: a red envelope labeled "Почта" and a yellow square labeled "Ссылки". Below these is a horizontal line. The word "PresenceS" is centered in a bold, black, sans-serif font. Underneath it, the text "EN RU" is displayed in a smaller, blue, underlined font. Another horizontal line follows. Below this line, the word "Username" is in a small, bold, black font. Underneath it is a light blue input field containing the text "admin". Below the input field, the word "Password" is in a small, bold, black font. Underneath it is a light blue input field filled with ten black dots. At the bottom of the form is a wide, solid green button with the word "Login" centered in a small, white, sans-serif font.

Also you can select the interface language at this page.

Use username:

*admin*

and password:

*admin*

for first time. Don't remember to change the login and password for future use.

Now you are ready to start configure the parameters of **PresenceS**.

Name and role of logged-in user

**PresenceS - Configuration**

Admin INSTALLER

**SETTINGS** (you must restart service when settings changed)  
 Server parameters which phones should use for connection

**Server IP Address**  
 192.168.1.62

**Server Port**  
 6050

☐ Use direct PBX CSTA connection  
 Parameters for connection to PBX

**PBX IP Address**  
 Enter PBX IP Address

**PBX CTI Port**  
 33333

☒ Use Carmona Contact Center Integration  
 Parameters for connection to Carmona CC server

**Carmona CC IP Address**  
 192.168.1.26

**Carmona CC Port**  
 12001

Save Restart

**Users** Phones

Users + - (selected)

Name	Login	Role		
<input type="checkbox"/> Admin	admin	INSTALLER	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/> Nonadmin	nonadmin	USER	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Save

Configuration of **PresenceS** consists of:

- Configuration of general parameters.
- Configuration of SIP phones profiles.
- Configuration user's profiles.

### 3.2. Configure general parameters

In the SETTINGS section you can configure the next parameters:

**Server IP Address** - one of IP addresses of **PresenceS** machine that can be reached over local network. You should use this address as “Presence Server IP Address” in the settings of your SIP Phones.

**Server Port** – port number on which **PresenceS** will wait connections from SIP phones. You should use this port as “Presence Server Port” in the settings of your SIP Phones.

If you are going to use direct connection to PBX, set on the **Use direct PBX CSTA connection** option and configure the following parameters:

**PBX IP Address**— the IP Address of your PBX

**PBX CTI Port**— port that used in PBX for CTI connections. Default value is 33333.

If you are going to use Carmona Contact Center Server integration, set on the **Use Carmona Contact Center Integration** option and configure the following parameters:

**Carmona CC IP Address**— the IP Address of server where Carmona Contact Center Server is running.

**Carmona CC Port** — port that Carmona Contact Center Server uses for client applications connections. Default value is 12001.

You don't need any licenses if you use Carmona Contact Center Server integration, so in this case [Software Activation] button disappears.

If you select the direct connection to PBX, [Software Activation] button appears.

Any changes should be continued with [Save] button pressing to be stored in the system. Any change of SETTINGS section parameters requires the restart of service to force these changes.

You can restart the service by [Restart] button.


### 3.3. Configure User's profiles

To start configure user profiles press [Users] button:

Name	Login	Role		
<input type="checkbox"/> Admin	admin	INSTALLER		
<input type="checkbox"/> Nonadmin	nonadmin	USER		

Save

You can add, edit or delete user profiles using correspondent buttons on Users panel.

To add user profile press  button.

To start edit user profile parameters press  button in user profile.

In both cases the additional section will appear:

Name:

Login:

Role:

Password:


Apply Close


Here you can set or edit user Name, Login, Role and password. Password can be set visible only when you add the new user.

Two Roles are defined: INSTALLER and USER. Users which are registered with USER role cannot save any changes, activate software or restart the service.

When you finished editing profile press [Apply] button.



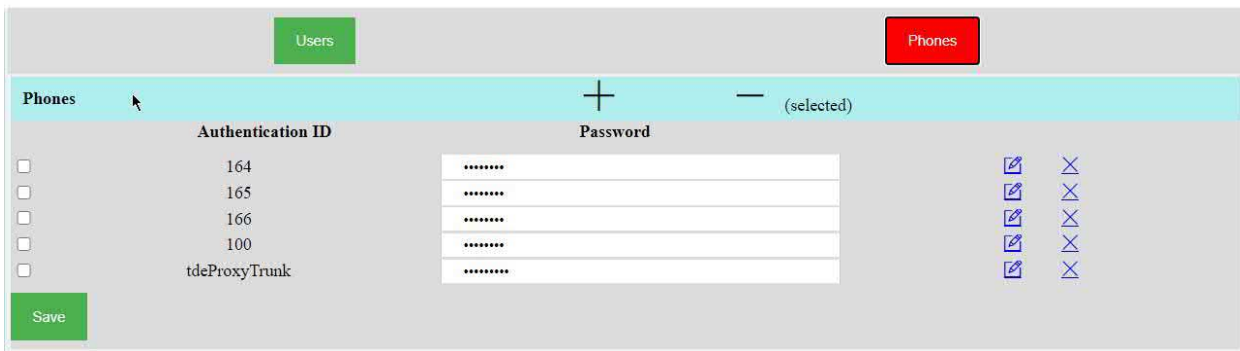
To delete user profile parameters press  button in user profile.

Also you can check few profiles and delete them all by  button.

Do not forget to press [Save] button in Users section when you finished all changes.


### 3.4. Configure Phones

To start configure phone profiles press [Phones] button:




	Authentication ID	Password		
<input type="checkbox"/>	164	*****		
<input type="checkbox"/>	165	*****		
<input type="checkbox"/>	166	*****		
<input type="checkbox"/>	100	*****		
<input type="checkbox"/>	tdeProxyTrunk	*****		

You can add, edit or delete phone profiles using correspondent buttons on Users panel.

To add phone profile press  button.


To start edit phone profile parameters press  button in user profile.

In both cases the additional section will appear:



Here you can set or edit phone Authentication ID and password, which phone uses to register on SIP server.











When you finished editing profile press [Apply] button.

To delete phone profile parameters press  button in user profile.

Also you can check few profiles and delete them all by  button.

Do not forget to press [Save] button in Users section when you finished all changes.

You can view phone password in the list pressing left mouse button navigated on password symbols.

Phones		+ — (selected)	
	Authentication ID	Password	
<input type="checkbox"/>	164	agen1164	 
<input type="checkbox"/>	165	*****	 
<input type="checkbox"/>	166	*****	 
<input type="checkbox"/>	100	*****	 
<input type="checkbox"/>	tdeProxyTrunk	*****	 

Phones update do not require the restart of service, all changes are applied immediately when you pressed the section [Save] button.

Now you can edit BLF buttons and settings of your SIP Phones. Restart them if necessary.

BLF edit rules:

Use EXT DN for Ext BLF buttons. For example: 65103

Use “CO” + CO Line number for CO BLF buttons. For example: CO12. Use upper case only. Record “co12” won’t work.

Disclaimer: CO Lines are allowed for view only. You cannot seize CO line by BLF key.

On KX-HDV series telephones, the BLF recording rules for line (account) related buttons can be applied: EXT / CO number - comma - line number, for example: 65103,4.

#### 4. License activation

To activate license do the following:

Get activation key from vendor.

Ensure that machine where **PresenceS** is installed has internet access.

Press [Software Activation] button in the SETTINGS section.



The activation window will appear in front of SETTINGS section.

Type or paste registration key, then press [OK] button.

You will see the result of activation attempt. Next time you press [Software Activation] button the state of license will be shown:



After you successfully activated the license, the purchased number of phones will be served by software.