Panasonic Mobile Softphone

Combine your office line with versatile smartphones.
Office phone system is getting old, and time to replace, but want to reduce cost by utilizing employee’s smartphones.

We want to increase productivity by connecting employees working remotely. Our greatest concern is to improve connectivity among all employees.
feature

A simple, but secured softphone application
Mobile Softphone
Jump into Easy Mobile Action!

- Panasonic brand phone application
- More secure mobile communication
- A Simple installation enables immediate use
Mobile App Features Overview

- Supports Audio/Video Calls
- Connection as a PBX Extension
- Push Notification
- Simple Security
- Simple Installation
Audio Calls / Video Calls

Supports Audio Calls
- Audio calls and video calls can be used
- Built-in MRG – requires no server, enable communication over the company network even remotely
- When you are on call with Mobile Softphone app, and receive a native incoming call, you can switch conversation party with a simple tapping without bothering the calling or waiting parties.\(^*1\)

Video Communication
- In addition to person-to-person video conversations, 3-party video conferences enable remote meetings with excellent ambience.\(^*2\)
- It is also possible to connect with Panasonic Video Terminal or IP Video doorphone/IP Camera for video communication.

\(^*1\) Please refer to the slide 18 for GUI when you receive a native incoming call during the Mobile Softphone call.
\(^*2\) The Mobile Softphone application cannot start 3-party video conferences, but can receive conference calls from the KX-HDV430.
Your smartphone works as a company extension

- By installing Mobile Softphone, You can use your smartphone as a company extension. Basic PBX features including call holding or transferring also will be available on your smartphones.

Push Notification*¹ & Flexible Network Settings

- This Application supports push notification, so even if the application is not started-up, when you have an incoming call, you receive call notification. This function also saves battery consumption of smartphones.
- It is possible to set 2 IP addresses to allow users to connect with the right network depending on whether the devices are in the company Wi-Fi network or an outside network.*²

*¹ Push notification is not supported when used under a KX-HTS system.
Push Notification on the KX-NS1000 is supported from main unit version software ver.6.0 or later.
*² Handover to another network (e.g., Wi-Fi to LTE) is not supported.
Simple Security

This Application Supports SIP-TLS*1

- Panasonic Mobile Softphone supports SIP-TLS*2 (Transport Layer Security).
- SIP TLS prevents spoofing risks because crackers cannot view the SIP communication data through an environment that can see the packet information, like Wi-Fi access point, etc.

Rejects non-Panasonic SIP Phones

- When it detects a non-Panasonic SIP extension trying to log in, it can reject the connection. The default setting for use as a remote SIP account is supported by the KX-HDV / KX-TGP600 Series and Mobile Softphone. You can enable or disable this setting based on your needs.*3

*1 SIP-TLS is not supported when using under KX-HTS system.
*2 TLS is a protocol that guarantees privacy and data integrity over the internet.
*3 This function is not supported when in use with the KX-HTS system.
Simple Installation

Mobile Softphone (Client for iOS/Android)

- Simply download the app from the App Store (free of charge) or Google Play, and make the settings.
- There is no need for customers to prepare a server.

Office

KX-NS / NSX

or

KX-HTS

Cost Saving

Quick Start-Up

Usable with Only Panasonic Products

*Push notification and authentication server are provided free of charge by Panasonic.
Use Case

When this system works useful for you
A smartphone can be used as a company extension outside the office. The speed that's essential for new businesses can be strengthened by seamless connectivity. By simply installing this app in the employees’ smartphones, they can be used as company terminals. They can also be used as extensions to reduce communication costs.

**Profile : Young Manager**

- Opening a new office
- So far, only 5-6 employees
- Wants to minimize communication start-up costs

**What he needs...**

**Small Business Solution**

- No interruptions in communication when calling from outside the office.

A smartphone can be used as a company extension outside the office. The speed that's essential for new businesses can be strengthened by seamless connectivity.

- Installation costs and communication costs can be reduced.

By simply installing this app in the employees’ smartphones, they can be used as company terminals. They can also be used as extensions to reduce communication costs.
I want to maintain our present scale of systems and space.

The company’s communication assets can be effectively used just as they are. No additional equipment, such as a server for app use, is necessary.

Profile: Information System Administrator

- Existing IP communication infrastructure is sufficient
- Around 100 employees
- Wants to add mobile linkage to boost productivity
- Server room space and capacity are limited

His Needs are...

Server less Solution

The infrastructure can be used as is.

The company’s communication assets can be effectively used just as they are.

No additional server is required.

No additional equipment, such as a server for app use, is necessary.
I want a mobile app designed for small user groups.

When talking while viewing ordered products, the Wi-Fi compatible IP Camera (KX-NTV150) can be used or video calls can be conducted with smartphones.

The person in charge can communicate at any time, so response is possible even on holidays.

Profile: Accessory Shop Owner

- Often works outside the shop, doing sales
- There are only a few employees
- Need to stay in touch with part-timers while away
- Want to respond to customer inquiries while outside the office.

Her Needs are...

Mini Elite Solution

Excellent small group communication

When talking while viewing ordered products, the Wi-Fi compatible IP Camera (KX-NTV150) can be used or video calls can be conducted with smartphones.

The owner can be contacted anywhere

The person in charge can communicate at any time, so response is possible even on holidays.
I want to tighten the link between the office and the factory.

Remote coaching is possible by viewing images on smartphones, so the manager does not need to visit the plant. Communications are secure so secrecy is protected.

Call Notification (Push Notification) makes it easy to contact the person in charge, so problems can be quickly resolved.

Profile: Plant Manager

- Travels back and forth between office and factory
- Around 50 employees
- Wants smoother office/outside exchanges
- Wants to use video calls for training

His Needs are...

Mobile Management Solution

Employees can be directly instructed

Remote coaching is possible by viewing images on smartphones, so the manager does not need to visit the plant. Communications are secure so secrecy is protected.

Emergency response to problems

Call Notification (Push Notification) makes it easy to contact the person in charge, so problems can be quickly resolved.

His Needs are...

Mobile Management Solution

Employees can be directly instructed

Remote coaching is possible by viewing images on smartphones, so the manager does not need to visit the plant. Communications are secure so secrecy is protected.

Emergency response to problems

Call Notification (Push Notification) makes it easy to contact the person in charge, so problems can be quickly resolved.
The Panasonic Mobile Softphone has superior specifications in terms of Security, Push Notification and Video support.

<table>
<thead>
<tr>
<th>Entry</th>
<th>Mobile Softphone Panasonic</th>
<th>U Mobility NEC</th>
<th>One X mobile SIP AVAYA one-X</th>
</tr>
</thead>
<tbody>
<tr>
<td>Video</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>G.711</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>G.722</td>
<td>✓</td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>G.729a</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Opus</td>
<td></td>
<td></td>
<td>✓</td>
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<tr>
<td>SIP - TLS</td>
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<td></td>
<td>✓</td>
</tr>
<tr>
<td>(*For the KX-NS1000/700/500/300 &amp; KX-NSX)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Push Notification</td>
<td>✓</td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>(*For the KX-NS1000/700/500/300 &amp; KX-NSX)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Language</td>
<td>20 languages</td>
<td>8 languages</td>
<td>10 languages</td>
</tr>
</tbody>
</table>

*KX-HTS series PBX does not support SIP-TLS and Push Notification feature. SIP-TLS and Push Notification on the KX-NS1000 is supported from main unit software ver.6.0 or later.
Appendix
Mobile Softphone Operation Screen -General-

Dial pad
Standard, easy-to-use dialing screen.

In/Out Call log
You can check the In/Out Call Log for calling assistance.

Voice call
The simple, easy-to-use screen lets you control speakers, muting, and other functions.

Video call
The dual-window display for both you and the person you are talking to makes it easier to discuss details.
Behavior of incoming native call

When you are on call with Mobile Softphone Application, and receive a native incoming call, you can switch conversation party with a simple tapping without bothering the calling or waiting parties.*

- When you receive a native incoming call during on call with Mobile Softphone application, you can choose either take the native call or decline with user friendly GUI.
- When you answer to the incoming native call whilst you are on Mobile Softphone call, the talking party with Mobile Softphone App will be put on hold automatically. After hanging up the native call, phone screen will be switched to Mobile Softphone App to resume the phone call back.

User Benefits

- Even when you receive an native incoming call during the call with Mobile Softphone App, users can smoothly switch the conversation party with a single tapping.

* When you receive a call to Mobile Softphone app while you are on native call, the calling party will hear the busy tone and you can see the missed call data on the Mobile Softphone app screen.
# System Requirement

Please fulfill the below system requirement for Mobile Softphone usage.

<table>
<thead>
<tr>
<th>Main Unit</th>
<th>version</th>
<th>Necessary PBX Activation Key</th>
<th>Supported Device</th>
</tr>
</thead>
</table>
| KX-NS1000/KX-NS700/KX-NS500/KX-NS300 | ver.5.0* or later | IP Proprietary Telephone / IP Phone AK  
Model No: KX-NSM5** or KX-NSM2** | -                |
| KX-HTS824/KX-HTS32            | ver.1.9 or later | —                                                                                           | iPhone: iOS 11 or later |
| KX-NSX2000/KX-NSX1000         | ver.3.0 or later | **When use only Mobile Softphone**  
Normal User AK  
Model No: KX-NSUN**  
**When use desk phone(KX-NT/KX-HDV) and Mobile Softphone parallelly**  
Normal User AK & Mobile User AK  
Model No: (Normal User AK)KX-NSUN**  
(Mobile User AK)KX-NSUM** | Android:  
Android 6.0 or later |

* SIP-TLS and Push Notification on the KX-NS1000 are supported from main unit version software ver.6.0 or later.
## Activation Key

### Type of Mobile Softphone Client

<table>
<thead>
<tr>
<th>AK Model Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>KX-UCMA001</td>
<td>Mobile Softphone 1 user Activation Key</td>
</tr>
<tr>
<td>KX-UCMA005</td>
<td>Mobile Softphone 5 users Activation Key</td>
</tr>
<tr>
<td>KX-UCMA010</td>
<td>Mobile Softphone 10 users Activation Key</td>
</tr>
<tr>
<td>KX-UCMA025</td>
<td>Mobile Softphone 25 users Activation Key</td>
</tr>
<tr>
<td>KX-UCMA050</td>
<td>Mobile Softphone 50 users Activation Key</td>
</tr>
</tbody>
</table>
## Feature List for Mobile Softphone App

<table>
<thead>
<tr>
<th>No</th>
<th>Feature List</th>
<th>Supported OS</th>
<th>Android 4.4 or later</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>Supported OS</strong></td>
<td><strong>iOS 10 or later</strong></td>
<td><strong>Android 4.4 or later</strong></td>
</tr>
<tr>
<td>0</td>
<td>SIP Registration</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>1-1</td>
<td>Call Functions: Make Call</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>1-2</td>
<td>Call Functions: Reject Call</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>1-3</td>
<td>Call Functions: Cancel Call</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>1-4</td>
<td>Call Functions: Video Call</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>1-5</td>
<td>Call Functions: Call Hold</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>1-6</td>
<td>Call Functions: Call Transfer</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td></td>
<td>(Blind/Attended)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Support Codec (Audio)</td>
<td>G.722, G.729a, G.711a/μ</td>
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</tr>
<tr>
<td>3</td>
<td>Support Codec (Video)</td>
<td>H.264 Base Line Profile Encode up to VGA / Decode up to 720p</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>SIP-TLS</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>5</td>
<td>Push Notification</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>6</td>
<td>Call Log / Missed Call Indicator</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>7</td>
<td>Automatic control of trunk line feature access code</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>8</td>
<td>Support Language</td>
<td>UK English  • German  • French  • Italy  • Dutch  • Spanish  • Portuguese  • Russian  • US English  • Canadian French  • Polish  • Arabic  • Hebrew  • Ukrainian  • Thai  • Simplified Chinese  • Traditional Chinese  • Turkish  • Spanish in Latin America  • Portuguese in Latin America</td>
<td></td>
</tr>
</tbody>
</table>

- Design and specification subject to change without notice.
- Internet connection (Wi-Fi/3G/4G/LTE) is required for application usage.
- Voice quality may depend on the network environment.
- SIP-TLS and Push Notification is not supported on KX-HTS system. SIP-TLS and Push Notification for KX-NS1000 will be supported from the main unit software ver.6.0 or later.
- Please contact your nearest Panasonic dealer for the available timing.