

Release Version October 2022 – Notes

**Panasonic**  
BUSINESS

**KX-NS**

# AK Free Firmware

**Rev2.0b October, 2022 for EU**



# Introduction AK free Firmware

## Version 9.0 will be the last firmware up version for NS series

This version includes all formerly needed AKs for the NS platform which have been necessary to enable features or increase the capacity of the system.

### System capacity is set to maximum by the AK free firmware <sup>\*1</sup>

For example such as:

User	(Standalone/Onelook please refer documentations/ manuals)
Capacity	(Standalone/Onelook please refer documentations/ manuals)
Trunk SIP/H323	
UM-Ports	
Mobile extension	
UM recording time expansion 15h	
Channel enhancement for IP DECT BS KX-NS0154 (from 4 to 8)	
Panasonic IP Softphone/ P-SIP/ 3 <sup>rd</sup> party SIP channel	

Installation maximum is related to the system capacity of the systems  
(please consult the installation manuals – this has not been changed)

Such manuals can be found in several languages under: <https://panasonic.net/cns/pcc/pbx/manual/index.html> (section KX-NS)

#### **Important:**

**\*1 \*2 please note that additional hardware is maybe needed or must be enhanced that you be able to use the feature or the full capacity (such as DSPcard/Flashcard/Storagecard/Phones etc.) Panasonic enables the feature only and therefore rejects any claim or responsibility. Please check with your supplier or maintainer of the system first.**



# Introduction AK free Firmware

**All features have been enabled as standard features available without AK <sup>\*2</sup>**

such as:

CA Pro

CA Supervisor

CA Console

CA Thinclient environment

CA Network feature

CTI/CSTA MUX-Interface(incl. FOS interface)

QSIG-Network

UM-Message Backup/ UM-Recording (2way rec control all user)

Onelook

Built-in Router (NS1000 only)/ IPSec VPN Channels (NS1000 only)

Callcenter enhancement

Queue announcement

Built-in ACD reporting

Enhanced ACD report

Call statistic report

(above ACD/Callcenter AK types are: KX-NSF201//KX-NSXF021/KX-NSXF022/KX-NSXF023/KX-NSXF202)

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# Introduction AK free Firmware

**Excluded are the below AK types:**

**-KX-NSS101: Remote Maintenance AK**

**(Note: Remote Maintenance Server will be stopped at December 2022)**

**-KX-NSBXXXX: Poltys application related AKs**

**For the Panasonic Mobile Softphone a user AK is still necessary to buy and register separately.  
This AK is not installed into the PBX. (please note EOS/EOL Roadmap)**



**Note: AKs can be purchased till Dec. 2022 (deadline) – from 1<sup>st</sup> of Jan 2023 onwards no new AKs can be bought !**

# The Web-MC change of the AK-free version

## Before Ver 9.0

NS1000 Web Maintenance Console

Login as INSTALLER

Site 1 : NS1000

Activation Key Status

Activation Key Installation

MPR-ID : 3001-0800- Number of activated : 0 / 256

IP-GW Number of activated : 0 / 16

Number of activated : 0 / 0

Activate Pre-installed Activation keys

Activated feature	Pre-installed	Activation key	Features in total	System total
P Phone Capacity (ch)	30	0	30	-
P Trunk (ch)	0	256	256	256
P Proprietary Telephone/IP Softphone/	0	0	0	0
P-SP Extension (ch)	0	0	0	0
P Proprietary Telephone/P-SP Extension (ch)	8	0	8	8
SP Extension (ch)	0	0	0	0
P-CS channel expansion (CS unit)	0	0	0	0
One-lock Network	0	0	0	-
OSG Network	0	0	0	-
Remote Maintenance	0	1	1	-
Built-in Router	0	0	0	-
IPsec (VPN) (16 sessions)	0	32	32	-

To activate virtual IP trunk activation keys

Restart all virtual IP Trunk cards. Execute

OK Cancel Apply

unnecessary column removed -  
button for Trial AK and AK table

## Ver 9.0

NS1000 Web Maintenance Console

000 00013

Login as INSTALLER

Site 2 : NS700

Activation Key Status

Activation Key Installation

MPR-ID : 3701-0808-236B-6A2D Number of activated IP-GW : 0 / 64

Number of activated IPSec (VPN) for MultiSite : 0 / 0

To activate virtual IP trunk activation keys

Restart all virtual IP Trunk cards. Execute

OK Cancel Apply



END

**08/02/22 Rev 2.0a AK free firmware AK Feb.2022 for EU.pptx – AB draft**  
**08/07/22 Rev 2.0.b AK free firmware AK Oct.2022 for EU – release version**