

The new Firmware 4.0

→ → → snom 360 reloaded...

→ Main Upgrades

Enhanced Provider Interoperability

With Version 4.0, the snom 360 can “plug and play” with most SIP-based ITSP carrier services; transparently adapting to a far broader range of non-SIP-standard provider requirements and provider-specific SIP messaging adaptations (including NAT “keep alive” and multiple authentication requests).

12 line Capability

Improved memory management and support for the IETF's latest Bridged-Line Appearance (BLA) specification lets the snom 360 access up to twelve lines, from different providers, and work flexibly in popular „key system“ configurations.

Improved Audio Features

snom's Version 4.0 upgrade equips the 360 with optional silence suppression and voice activity detection for reduced bandwidth consumption; as well as improved sidetone and local keytone generation for a more conventional and comfortable audio experience.

New Memory Management

Version 4.0's improved memory-management system, along with enhancements to platform programmable features, enormously increases the flexibility and power of the snom 360 for end-users, integrators and developers. Configurability has been much enhanced: for example, the 360 can now be configured to access multiple providers, each via its own programmable key. At deeper levels, developers will discover that much of the underlying power of the snom 360's Linux platform is now available for

use in implementing phone-embedded applications.

Improved Web and User-Interface Features

Version 4.0 makes several key enhancements to the snom 360's keypad user interface, including revised menus, better cursor control, and improved indicator-light synchronization. The web interface has also been enhanced with several new features, new status indications, and improved dialing capability.

→ snom 360 Firmware licensing

For each of our snom 360 phones, starting with the firmware 4.0, we have introduced a simple licensing scheme for security reasons. Some good news is that you only need to “activate” your snom 360 firmware 4.0 once.

All snom 360s need to obtain their own license key if you are planning to upgrade them. This upgrade can be carried out with our online key generator.

snom-style mass deployment is also prepared for accepting the new keys. If you are planning to license your existing snom 360 by mass deploying the keys once, we will assist you with the list of license files for your phones. In this case, please contact our support team with the list of your phone's MAC addresses.

Note:

The new snom 320 comes with its license already “activated”, meaning that you will be able to upgrade to new firmware versions as usual.

snom
VoIP phones

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→ How to Upgrade

snom 360s can be upgraded to Version 4.0 by downloading two files from snom's website and installing them on the phone. The upgrade can then be activated by obtaining an unlocking key from snom's online key generator. snom's group installation system has been enhanced to make upgrade and key distribution to multiple telephones a simple process. For specific upgrade instructions, go to "HowTo" at <http://www.snom.com/howto40.html?&L=1>

Note:

The new Firmware upgrade is divided into two parts. The first part, RAMDISK, and the second part, new application, are needed to get the full set of new features.

We recommend that you:

1. Update the RAMDISK by copying the URL below in "Software Update / Firmware:"

<http://www.snom.com/download/share/snom360-3.31-r.bin>

2. Follow our "HowTo" to upgrade to 4.0 and to license your phone.

Make sure you copy the link below in "Software Update / Firmware:"

<http://www.snom.com/download/share/snom360-4.0-SIP-j.bin>

Partial List of Release Changes

Here is the overview for the technical enthusiasts among you:

GUI:
enhancements of the French translation
show cursor on number guessing also
added audio device indication for all critical states
only 10 character pickup number hint is displayed
disabled partial number lookup from address book
holding reminder is now setting dependent (#789)
local keytone generation e.g. menu keys
fixed repeated park/pickup freeze
volume up/down keys in idle state play static ring melody
fixed input mode problem while editing address book entries
confirmation screen for address book item deletion
added support for Xfer on incoming calls (ringing/cwi)
fixed call duration display shift
added C FU indication on status line

WEB:
enhancements of the French translation
added setting to control audio device indication on display
added icons for clearing the call lists
added „add entry from call list to address book" buttons
added outgoing ID to address book item
added reregister button for SIP lines
show local identity in call lists
recording missed calls is line dependent
added confirmation page for reboot, reset, delete address book
added line ringer playback from web interface
Ethernet unplug detection is controlled by a setting
line active/inactive feature added
phone numbers with leading + can be handled properly via web page
added support for , as separator for the AOC cost pulse

LID:
added silence suppression (CNG/VAD)
added local keytone generation
added/enhanced sidetone
added flash security
fixed voice lag problem
fixed to correctly play incoming packets of various ptime on dif. codecs
LEDs synchronized
fixed a DTMF problem
SIP:
NAT keep alive
fixed multiple authentication of INVITES
fixed subscription deletion which leads to freezing on software update
supports 12 local line registrations
fixed outgoing requests without a port in the Contact, especially in REGISTER
fixed missing IP address in SDP (o and c line)