DP750/752/760/720/722/730 Firmware Release Notes

IMPORTANT UPGRADING NOTES

- **For all DP series, once upgraded to 1.0.19.X, downgrade to 1.0.17.5 or below is not supported.**
- **For all DP series, once upgraded to 1.0.17.X, downgrade to 1.0.15.6 or below is not supported.**
- **For all DP series, once upgraded to 1.0.13.10 or above, downgrading to 1.0.13.8 or previous firmware version is not supported. It is recommended not to downgrade from 1.0.15.2 to 1.0.13.10.**
- **Since firmware 1.0.7.5, we have added support for new format of P values, for the old <P xx>value</Pxx> format, in the xml config file, please use <config version="1">; for the new format of P value, that is <item name="xx.xx.xx.xx.xx">value</item>, in the xml config file, please use <config version="2">. DP7xx now supports both format XML config file but will not work if the version number is wrong.**
- **Upgrade DP730/DP720/DP722 from 1.0.7.5 to 1.0.9.1 or higher will need update both firmware and resource images, so it will download and reboot twice. After upgraded to 1.0.9.1 or higher, the upgrade procedure will only happen once as always.**
- **For DP720, after the base station (DP750 or DP752) upgraded to 1.0.7.5, the handset DP720 will not automatically upgrade because the whole GUI has been changed from 1.0.4.10. Users please manually operate the handset firmware on "Menu" -> "Settings" -> "Firmware Upgrade" to upgrade to 1.0.7.5.**
- **For all DP series, once upgraded to 1.0.7.5 or above, downgrading to 1.0.4.10 or previous firmware version is not supported.**
- **For DP750/DP720/DP760, once upgraded to 1.0.4.2 or above, downgrading to 1.0.3.40 or previous firmware version is not supported.**
- **For DP750/DP720, once upgraded to 1.0.3.23 or above, downgrading to 1.0.3.17 or previous firmware version is not supported.**
- **For DP750/DP720, once upgraded to 1.0.3.17 or above, downgrading to 1.0.2.16 or previous firmware version is not supported.**
- **For DP750/DP720, once upgraded to 1.0.2.16 or above, downgrading to 1.0.1.x or previous firmware version is not supported.**
- **For DP750/DP720, firmware 1.0.0.99 (the first publicly released beta firmware) and all above can upgrade to 1.0.4.7 directly, no transitional firmware is needed.**

Note:

Starting from 1.0.19.5 release notes, only release information from 1.0.13.8 is kept in this document. If you would like to access previous release notes information, please refer to the previous firmware page here.

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FIRMWARE VERSION 1.0.21.33

PRODUCT NAME

Basestation: DP750, DP752, DP760

Handsets: DP720, DP722, DP730, DP725

DATE

03/13/2026

FIRMWARE FILE INFORMATION

- Firmware file name: **dp75xfw.bin**
  MD5: **ed90bbe4fa782f0282be8f7ef925749b**

(Boot 1.0.21.33; Core 1.0.21.33; Base 1.0.21.33; Prog 1.0.21.33; Locale 1.0.21.33; Handset 1.0.19.52; Recovery 1.0.21.33; OEM 1.0.21.33; CPE 1.0.4.116)

SUMMARY OF UPDATE

The main purpose of this release is for bug fixes and security enhancement.

NOTE:

- This firmware supports 10 SIP accounts, 5 Handsets, 5 total concurrent calls (limited to 2 per repeater in repeater mode), each Handset can select up to 10 accounts.
- **This firmware will not downgrade to version 1.0.17.5 or below. DP72X handset firmware will not downgrade to version 1.0.19.30 or below, DP730 handset firmware will not downgrade to version 1.0.19.17 or below**
- DP760 1.1A supports AUTO region feature.
- This firmware supports both Grandstream and OEM devices.

ENHANCEMENT

Base

- Added support for the DECT ECO Mode
- Enforced Base station name as string with no space
- Disable SSH with opposite P-value

BUG FIXES

Base

- Fixed DECT Base sends registration with the same credentials and receive 403 Forbidden
- Fixed Base station frequently lost registratoin at server's side and inaccessible via webUI
- Fixed DP75x dial one number beginning with * will detect dialplan
- Fixed GDMS will not report call quality
- Fixed device will intermittently drop calls
- Fixed SIP cannot be used when testing the security settings of the profile
- Fixed device cannot download the configuration after importing XML configuration into GDMS and issue it to the device

NEW P-VALUE

- Please refer to related configuration template change log

MODIFIED P-VALUE

- Please refer to related configuration template change log

For detailed information about DP75X, please refer to User Manual and Resource Center:
https://documentation.grandstream.com/article-categories/dect/

FIRMWARE VERSION 1.0.21.31

PRODUCT NAME

Basestation: DP750, DP752, DP760

Handsets: DP720, DP722, DP730, DP725

DATE

07/28/2025

FIRMWARE FILE INFORMATION

- Firmware file name: **dp75xfw.bin**
  MD5: **9a20a421b454ddaccc75175bca857003**

(Boot 1.0.21.31; Core 1.0.21.31; Base 1.0.21.31; Prog 1.0.21.31; Locale 1.0.21.31; Handset 1.0.19.50; Recovery 1.0.21.31; OEM 1.0.21.31; CPE 1.0.4.116)

SUMMARY OF UPDATE

The main purpose of this release is for security enhancement.

NOTE:

- This firmware supports 10 SIP accounts, 5 Handsets, 5 total concurrent calls (limited to 2 per repeater in repeater mode), each Handset can select up to 10 accounts.
- **This firmware will not downgrade to version 1.0.17.5 or below. DP72X handset firmware will not downgrade to version 1.0.19.30 or below, DP730 handset firmware will not downgrade to version 1.0.19.17 or below**
- DP760 1.1A supports AUTO region feature.
- This firmware supports both Grandstream and OEM devices.

ENHANCEMENT

Base

- Web Access Mode default should be HTTPS [EU Certification]
- The syslog should contain security-related logs such as logins, password changes, etc. [EU Certification]
- Disable account by default, random port enabled by default [EU Certification]
- Disable all weak symmetric encryption by default, Minimum TLS1.2 [EU Certification]
- Added security version based on requirement from EN18031-1 and EN18031-2
- Supported custom dialplan [ITSP/Vonage]
- Added remote access to device webUI via GDMS
- Added DP760 support in GDMS
- Added Call Duration Display in Call History.
- Added prompt before force to reboot.
- Added option to hide “Mute as DND” on handset
- Added TR069 support for DP760

Handset

- Added option to hide “Mute as DND” on handset

BUG FIXES

Base

- Fixed disable all weak TLS cipher suites but SIP still use them.
- Fixed DECT Base [DP750] sends registration with the same credentials and receive 403 Forbidden.
- Fixed out of range port value causes a segment fault.
- Fixed api.values.get accessibility issue.
- Fixed “xsi_acct_index” causes a segment error when out of range.
- Fixed the held party can be heard in a 3-way conference call.
- Fixed when the value of MinSE is greater than the Session Expiration, it can still be saved.
- Fixed device IP call will fail as callee.
- Fixed obsoleted shared line mode can be configured.
- Fixed switching to load CA certificate will cause device reboot.
- Fixed downloading failure when switching to XSI phonebook for the 1st time after booting up
- Fixed External Service UI wrong translation in Chinese.
- Fixed the port of Contact header use random SIP port by default.

- Fixed Layer 3 QoS setting prompt is inaccurate when switched from Simplfied Chinese to Traditional Chinese.
- Fixed DUT not apply in time when config “Disable Multiple m Line in SDP” option.
- Fixed the device not take effect when Ring Timeout set to 5
- Fixed “Disable Call Waiting Caller ID” option is invalid.
- Fixed device fail to reboot after GDMS server issues a restart command.
- Fixed template related problems to support GDMS
- Fixed OS Command Injection via openvpn conf
- Fixed DTMF harsh sound issue
- Fixed misleading prompt when factory reset to select only/NVRAM settings only in DECT settings.
- Fixed cancelling the call after blind forwarding results a silent call.
- Fixed syntax error in P values.
- Fixed Speed Dial not match first name at first when long press number key
- Fixed HS abnormal display when establish a call with GDS and open door by input DTMF PIN.
- Fixed no dialtone from Speaker when making an invalid call by speaker.
- Fixed Caller ID displayed twice.
- Fixed there is ‘?’ in speed dial UI after input lastname to 14 digits.
- Fixed dial tone gets weak after HS reject a call and offhook.
- Fixed HS not ringing when paging with configuration “set ringtone off”, paging should not be affected by this setting.
- Fixed receiver device not display the word “PTT” next to the icon.
- Fixed device show green line icon when edit dial “2” from History or Contact.
- Fixed tone abnormal when press any key during HS play confirmation tone.
- Modified and synchronized capital letters in the call interface under some language mode.
- Fixed wrong audio channel used when HS is holding.
- Fixed speaker no dial tone sometimes.
- Deleted RSK when edit dial 1-5 from Contacts.
- Fixed DUT not locate to first number when access to Contacts with two number from speed dial.
- Fixed the “Reject” button disappeared when hold the 1st line during a call waiting.
- Fixed not display “The value of two entry is different” after input not matched PIN.
- Fixed inaccurate Chinese translation for “Disable Busy Tone”
- Fixed linear ringing not working at “Linear in DID”.
- Fixed DP725 HS earpiece noise issue after the call ends or device reboot.
- Fixed icons response slow when charging.
- Fixed after 3-way Conference call for 100 hours HS2 cannot establish call **[Performance Test]**

[Zoom IOT]

- Fixed Call Forwarding fails.
- Changed default value “Provisioning via” to HTTPS.
- Fixed call disconnected after holding for more than 30 minutes.

[Broadsoft R24 IOT]

- Fixed initial HTTP request has authorization header.
- Fixed XSI login using login credentials with username missing.
- Fixed Broadsoft Contact with unicode characters not displayed correctly.
- Fixed Contact Menu is missing directories.

[ITSP/Telstra]

- Fixed intermittent one-way audio after call retrieved from hold.
- Fixed calls between HS fail followed by Base reboot when SIP transport set to TLS with DNS=SRV

Handset

- Fixed "End" button at 3-Way conference displayed in English when using Chinese UI mode.

NEW P-VALUE

- Please refer to related configuration template change log

MODIFIED P-VALUE

- Please refer to related configuration template change log

For detailed information about DP75X, please refer to User Manual and Resource Center:
https://documentation.grandstream.com/article-categories/dect/

FIRMWARE VERSION 1.0.21.25

PRODUCT NAME

Basestation: DP750, DP752, DP760

Handsets: DP720, DP722, DP730, DP725

DATE

01/26/2025

FIRMWARE FILE INFORMATION

- Firmware file name: **dp75xfw.bin**
  MD5: **020baeb4ea536f864a9b7f6791ece0e5**

(Boot 1.0.21.25; Core 1.0.21.25; Base 1.0.21.25; Prog 1.0.21.25; Locale 1.0.21.25; Handset 1.0.19.46; Recovery 1.0.21.25; OEM 1.0.21.25; CPE 1.0.4.116)

SUMMARY OF UPDATE

The main purpose of this release is feature enhancement and bug fix.

NOTE:

- This firmware supports 10 SIP accounts, 5 Handsets, 5 total concurrent calls (limited to 2 per repeater in repeater mode), each Handset can select up to 10 accounts.
- **This firmware will not downgrade to version 1.0.17.5 or below. DP72X handset firmware will not downgrade to version 1.0.19.30 or below, DP730 handset firmware will not downgrade to version 1.0.19.17 or below**
- DP760 1.1A supports AUTO region feature.
- This firmware supports both Grandstream and OEM devices.

ENHANCEMENT

Base

- Updated multi-language translation.
- Added web password strength detection to improve password security.
- Added displaying Serical Number in the Base Status via handset.
- Added support for Custom Call-Info for Auto Answer [Telstra ITSP]
- Added support for “User-Agent Prefix”
- Added support for gen2 certificate upgrade
- Added “handset firmware downgrade not allowed” option
- Added function to “Sort Phonebook by: Last Name or Frist Name” in Phonebook Management.
- Added support of the action URL for each handset separately.
- Added option to have phonebook display only the contact starting with the searched letter

Handset

- Added Circular to ringing mode or hunting groups.
- Added “handset firmware downgrade not allowed” option

BUG FIXES

Base

- Fixed performance issue that runing 3 party conference for 100 hours Handset 2 fail to establish calls.
- Fixed firmware upgrade/downgrade fails over OpenVPN, will trigger random reboot loop.
- Fixed device cannot be upgraded using GAPS_HTTPS, device would fall to reboot loop.
- Fixed wrong password in the API command would cause the device to produce a core file, and Handset cannot be used properly.
- Fixed Web/SSH access page should be displayed as Web Access.
- Fixed language not taking effect when switched to Turkish.
- Fixed GDMS Template problems reported collectively.
- Fixed HS display shows the internal call account is empty if the ahead line is marked as none.
- Fixed registration issue after power outage [Telstra ITSP]
- Fixed intercom call between HS failed and Base would reboot when SIP transport set to TLS and DNS Mode = SRV [Telstra ITSP]
- Fixed rejected call record not associated with the newly added entry in the address book (Contacts)
- Fixed repeat disconnect then register HS to the Base, HS interface would lost assigned line and show default line.

- Fixed the wrong displaying “Outbound Notification” when log in using User Account.
- Fixed using “parallel” in “HS Mode”, the 2nd channel cannot establish call when 1st channel in use.
- Fixed error commenting on “Enable automatic download of XML phonebook” in Simplified and Traditional Chinese.
- Fixed XSI server cannot be savied as IP address.

Handset

- Fixed when input something searching in the addressbook the “RSK” softkey should be marked “Delete”
- Fixed HS failed to load custom ringtone and would reboot after that.
- Fixed during Intercom call, callee handset would not display caller handset when callee handset at “Contacts” user interface.
- Fixed adding rejected call records into Contacts the number would add @ symbol in the beginning.
- Fixed hanset display not updated after battery drained completely and recharged.
- Fixed the shared mode in handset not hidden.
- Fixed the status display of the controller is inconsistent after establishing a call through PTT multicast intercom.
- Fixed pressing the ENTER key at the PTT interface should not prompt a successful save.
- Fixed the left and right key names in the call interface is displayed incorrectly.
- Fixed inconsistently display the right softkey after mute.
- Fixed call record only display IP address without name after adding the call record of IP address and name into the Contacts
- Fixed pressing left button quickly when answering access control call, the handset interface would display abnormally

NEW P-VALUE

- Please refer to related configuration template change log

MODIFIED P-VALUE

- Please refer to related configuration template change log

For detailed information about DP75X, please refer to User Manual and Resource Center:
https://documentation.grandstream.com/article-categories/dect/

FIRMWARE VERSION 1.0.21.19

PRODUCT NAME

Basestation: DP750, DP752, DP760

Handsets: DP720, DP722, DP730, DP725

DATE

10/30/2024

FIRMWARE FILE INFORMATION

- Firmware file name: **dp75xfw.bin**
  MD5: **da075f820824b7905372f424601bb431**

(Boot 1.0.21.19; Core 1.0.21.19; Base 1.0.21.19; Prog 1.0.21.19; Locale 1.0.21.19; Handset 1.0.19.42; Recovery 1.0.21.19; OEM 1.0.21.19; CPE 1.0.4.107)

SUMMARY OF UPDATE

The main purpose of this release is feature enhancement and bug fix for ITSP

NOTE:

- This firmware supports 10 SIP accounts, 5 Handsets, 5 total concurrent calls (limited to 2 per repeater in repeater mode), each Handset can select up to 10 accounts.
- **This firmware will not downgrade to version 1.0.17.5 or below. DP72X handset firmware will not downgrade to version 1.0.19.30 or below, DP730 handset firmware will not downgrade to version 1.0.19.17 or below**
- DP760 1.1A supports AUTO region feature.
- This firmware supports both Grandstream and OEM devices.

ENHANCEMENT

Base

- Sync P values for XSI Account 1 to P values of XSI with GRP/WP products [Broadsoft IOT R24, DP755]
- Added ability to trigger subscription mode from GDMS
- Added DP730 1.2G CFG
- Added ring group hang up

BUG FIX

Base

- Fixed transferring numbers not comply with dialing rules would not return back to the 1st call
- Fixed dial plan is not saved after adding "+x+"
- Fixed after running a concurrent OB call for 42 hours, the call will automatically hang up itself [performance stress testing]
- Fixed initiall HTTP request shouldn't have authorization header [Broadsoft IOT R24, DP755]
- Fixed XSI login credentials is missing the login username [Broadsoft IOT R24, DP755]
- Fixed Broadsoft contact with unicode characters not displayed correctly [Broadsoft IOT R24, DP755]
- Fixed Contacts menu is missing directories [Broadsoft IOT R24, DP755]
- Fixed Contacts are missing the extension field [Broadsoft IOT R24, DP755]
- Fixed download failure when switching to XSI phonebook for the first time after booting
- Fixed the webUI title should be model or model|submenu

Handset

- Fixed the controller's line status displays an error after setting the line to empty
- Fixed the error display when transferring to other controllers after established a call

NEW P-VALUE

- Please refer to related configuration template change log

MODIFIED P-VALUE

- Please refer to related configuration template change log

For detailed information about DP75X, please refer to User Manual and Resource Center:
https://documentation.grandstream.com/article-categories/dect/

FIRMWARE VERSION 1.0.21.17

PRODUCT NAME

Basestation: DP750, DP752, DP760

Handsets: DP720, DP722, DP730, DP725

DATE

09/26/2024

FIRMWARE FILE INFORMATION

- Firmware file name: **dp75xfw.bin**
  MD5: **4611403762ff3af0e254a98446b05096**

(Boot 1.0.21.17; Core 1.0.21.17; Base 1.0.21.17; Prog 1.0.21.17; Locale 1.0.21.17; Handset 1.0.19.40; Recovery 1.0.21.17; OEM 1.0.21.17; CPE 1.0.4.99)

SUMMARY OF UPDATE

The main purpose of this release is feature enhancement and bug fix for ITSP

NOTE:

- This firmware supports 10 SIP accounts, 5 Handsets, 5 total concurrent calls (limited to 2 per repeater in repeater mode), each Handset can select up to 10 accounts.
- **This firmware will not downgrade to version 1.0.17.5 or below. DP72X handset firmware will not downgrade to version 1.0.19.30 or below, DP730 handset firmware will not downgrade to version 1.0.19.17 or below**
- DP760 1.1A supports AUTO region feature.
- This firmware supports both Grandstream and OEM devices.

ENHANCEMENT

Base

- Added “disable” option in Preferred Vocoder 1 – 8 drop down list [ITSP Telstra]

BUG FIX

Base

- Fixed Failover with INVITE failed [ITSP Telstra]

NEW P-VALUE

- Please refer to related configuration template change log

MODIFIED P-VALUE

- Please refer to related configuration template change log

For detailed information about DP75X, please refer to User Manual and Resource Center:
https://documentation.grandstream.com/article-categories/dect/

FIRMWARE VERSION 1.0.21.16

PRODUCT NAME

Basestation: DP750, DP752, DP760

Handsets: DP720, DP722, DP730, DP725

DATE

09/03/2024

FIRMWARE FILE INFORMATION

- Firmware file name: **dp75xfw.bin**
  MD5: **adba494171aba08ebc274c1620f8c9d5**

(Boot 1.0.21.16; Core 1.0.21.16; Base 1.0.21.16; Prog 1.0.21.16; Locale 1.0.21.16; Handset 1.0.19.40; Recovery 1.0.21.16; OEM 1.0.21.16; CPE 1.0.4.99)

SUMMARY OF UPDATE

The main purpose of this release is feature enhancement and bug fix.

NOTE:

- This firmware supports 10 SIP accounts, 5 Handsets, 5 total concurrent calls (limited to 2 per repeater in repeater mode), each Handset can select up to 10 accounts.
- **This firmware will not downgrade to version 1.0.17.5 or below. Handset firmware will not downgrade to version 1.0.19.15 or below.**
- DP760 1.1A supports AUTO region feature.
- This firmware supports both Grandstream and OEM devices.

ENHANCEMENT

Base

- Added SN information to the WebUI.

Handset

- Added a feature to display the frequency used by the handset.
- DP72X font changed to Arial.

BUG FIX

Base

- Fixed the contact download interval is not effective [XSI].
- Fixed attended transfer between handset failure followed by a crash on base station [ITSP].

Handset

- Fixed unable to make outgoing call from the call log with an IP length >=11.
- during a call if not select a contact from the search, it should not b able to click New Call with the left button.
- Fixed hearing sound in probability without pressing the talk key after PTT established.

NEW P-VALUE

- Please refer to related configuration template change log

MODIFIED P-VALUE

- Please refer to related configuration template change log

For detailed information about DP75X, please refer to User Manual and Resource Center:
https://documentation.grandstream.com/article-categories/dect/

FIRMWARE VERSION 1.0.21.15

PRODUCT NAME

Basestation: DP750, DP752, DP760

Handsets: DP720, DP722, DP730, DP725

DATE

07/23/2024

FIRMWARE FILE INFORMATION

- Firmware file name: **dp75xfw.bin**
  MD5: **3ff511c46236345b562de5ee85ac509e**

(Boot 1.0.21.15; Core 1.0.21.15; Base 1.0.21.15; Prog 1.0.21.15; Locale 1.0.21.15; Handset 1.0.19.38; Recovery 1.0.21.15; OEM 1.0.21.15; CPE 1.0.4.99)

SUMMARY OF UPDATE

The main purpose of this release is feature enhancement and bug fix.

NOTE:

- This firmware supports 10 SIP accounts, 5 Handsets, 5 total concurrent calls (limited to 2 per repeater in repeater mode), each Handset can select up to 10 accounts.
- **This firmware will not downgrade to version 1.0.17.5 or below. Handset firmware will not downgrade to version 1.0.19.15 or below.**
- DP760 1.1A supports AUTO region feature.
- This firmware supports both Grandstream and OEM devices.

ENHANCEMENT

Base

- Added ability to handle simultaneous incoming calls to Broadworks HuntGroup while HS at ringing state
- Added CPE version in the system info page
- Added option “Return Code When Enable DND”
- Added option to define the User-Agent
- Added client key password field for OpenVPN settings
- Extended the refresh timer for changing the default password
- Added “Mute as DND” option in webUI

BUG FIX

Base

- Fixed handset settings at webUI not using same case format
- Fixed the group calls still get in when handset enabled DND
- Fixed the controller's line status displayes error after setting the line to empty
- Fixed after successful web unbinding of HS, with a probabilty of HS fail to unbind
- Fixed profile name translate incorrectly in Chinese
- Fixed the translation of Verify host when using SSL is incorrect
- Fixed XML Phonebook fails when manually uploaded
- Fixed buttons malfunction when hoding the chanel during conference while hanging up the other channel
- Fixed HS cannot unhold when filling in the onhold music URI and establishing an internal call
- Fixed OOM issue when doing call forwarding performance testing
- Fixed unable to transfer via feature code
- Fixed automatic reboot occurred during GDMS performance testing
- Fixed error comment when download and process all available configuration files

Handset

- Fixed cannot use CENTER Key to save volume
- Fixed redial icon apprears at the interface when A established call with B then A making new call to C and B handed up.
- Fixed device failed to dial Contact number after configuring off hook auto dial
- Fixed the volume would change to default when disable/mute the ringtone

NEW P-VALUE

P Value	Alias	Value Range	Default
P26027	base.device.sip_user_agent	Value: String, Max length = 128 Default 0, Mandatory	**0**
P20715	network.openvpn.clientKey.password	Value: String, Max length = 256 Default 0, Mandatory	**0**
P22371	network.openvpn.TLSKey	Hidden values	
P22457	network.openvpn.TLSKeyType	Hidden values	
P8361	base.return.code.enable.dnd	Value: 0, 1, 2, 3, Mandatory = 1 0 - Busy(486); 1 - Temporarily Unavailable(480); 2 - Not Found(404); 3 - Decline(603)	**0**
P30640	handset.1.mute.as.dnd	Enable Mute as DND, Mandatory = 1 Value: 0, 1 0 – No; 1 -Yes	**1**
P30641	handset.2.mute.as.dnd	Enable Mute as DND, Mandatory = 1 Value: 0, 1 0 – No; 1 -Yes	**1**
P30642	handset.3.mute.as.dnd	Enable Mute as DND, Mandatory = 1 Value: 0, 1 0 – No; 1 -Yes	**1**
P30643	handset.4.mute.as.dnd	Enable Mute as DND, Mandatory = 1 Value: 0, 1 0 – No; 1 -Yes	**1**
P30644	handset.5.mute.as.dnd	Enable Mute as DND, Mandatory = 1 Value: 0, 1 0 – No; 1 -Yes	**1**

MODIFIED P-VALUE

P Value	Alias	Value Range	
P26027	base.device.user_agent.prefix	Obsoleted by P26027	**Removed**

ALIAS CHANGED

broadsoft.xsi.server.1 replaced by broadsoft.xsi.server (1591)
broadsoft.xsi.port.1 replaced by broadsoft.xsi.port (1592)
broadsoft.xsi.username.1 replaced by broadsoft.xsi.username (1593)
broadsoft.xsi.password.1 replaced by broadsoft.xsi.password (1594)

ALIAS AND P VALUE CHANGED

broadsoft.xsi.XSIActions.1 (27937) replaced by broadsoft.xsi.XSIActions (2937)
broadsoft.xsi.downloadInterval.1 (27947) replaced by broadsoft.xsi.downloadInterval (8362)
broadsoft.xsi.authType.1 (27897) replaced by broadsoft.xsi.authType (22054)
broadsoft.xsi.SIPUsername.1 (27907) replaced by broadsoft.xsi.SIPUsername (22034)
broadsoft.xsi.SIPId.1 (27917) replaced by broadsoft.xsi.SIPId (6772)
broadsoft.xsi.SIPPassword.1 (27927) replaced by broadsoft.xsi.SIPPassword (6773)

FIRMWARE VERSION 1.0.21.12

PRODUCT NAME

Basestation: DP750, DP752, DP760

Handsets: DP720, DP722, DP730, DP725

DATE

05/10/2024

FIRMWARE FILE INFORMATION

- Firmware file name: **dp75xfw.bin**
  MD5: **3a2473e1734111d1f3fa710aa5c745a4**

(Boot 1.0.21.12; Core 1.0.21.12; Base 1.0.21.12; Prog 1.0.21.12; Locale 1.0.21.12; Handset 1.0.19.34; Recovery 1.0.21.12; OEM 1.0.21.12; CPE 1.0.4.93)

SUMMARY OF UPDATE

The main purpose of this release is bug fix.

NOTE:

- This firmware supports 10 SIP accounts, 5 Handsets, 5 total concurrent calls (limited to 2 per repeater in repeater mode), each Handset can select up to 10 accounts.
- **This firmware will not downgrade to version 1.0.17.5 or below. Handset firmware will not downgrade to version 1.0.19.15 or below.**
- DP760 1.1A supports AUTO region feature.
- This firmware supports both Grandstream and OEM devices.

BUG FIX

- Fixed some webUI displaying errors.

FIRMWARE VERSION 1.0.21.10

PRODUCT NAME

Basestation: DP750, DP752, DP760

Handsets: DP720, DP722, DP730

DATE

04/29/2024

FIRMWARE FILE INFORMATION

- Firmware file name: **dp75xfw.bin**
  MD5: **bb2bab718cc9caf1f909ce16e22fd260**

(Boot 1.0.21.10; Core 1.0.21.10; Base 1.0.21.10; Prog 1.0.21.10; Locale 1.0.21.10; Handset 1.0.19.27; Recovery 1.0.21.10; OEM 1.0.21.10; CPE 1.0.4.34)

SUMMARY OF UPDATE

The main purpose of this release is features enhancement for **ITSP** customers.

NOTE:

- This firmware supports 10 SIP accounts, 5 Handsets, 5 total concurrent calls (limited to 2 per repeater in repeater mode), each Handset can select up to 10 accounts.
- **This firmware will not downgrade to version 1.0.17.5 or below. Handset firmware will not downgrade to version 1.0.19.15 or below.**
- DP760 1.1A supports AUTO region feature.
- This firmware supports both Grandstream and OEM devices.

ENHANCEMENT

- Added prompt to change the default password upon first login
- Disabled non-admin account by default

BUG FIX

- Fixed no password modification prompt appears when entering webUI after factory reset
- Fixed some options in the password modification interface were not translated correctly
- Fixed the prompt is incorrect when changing new admin password but still using default one
- Fixed refreshing browser would cause the password modification page to disappear
- Fixed the webUI would crash if user password is null

NEW P-VALUE

P Value	Alias	Value Range	Default
P8469	security.web_access.mode	Value: 0, 1; (0 = disabled, 1 = enabled, default 0,mandatory)	**0**

FIRMWARE VERSION 1.0.21.6

PRODUCT NAME

Basestation: DP750, DP752, DP760

Handsets: DP720, DP722, DP730

DATE

03/18/2024

FIRMWARE FILE INFORMATION

- Firmware file name: **dp75xfw.bin**
  MD5: **a70d268f1c48ab73f5849924326d5686**

(Boot 1.0.21.6; Core 1.0.21.6; Base 1.0.21.6; Prog 1.0.21.6; Locale 1.0.21.6; Handset 1.0.19.27; Recovery 1.0.21.6; OEM 1.0.21.6; CPE 1.0.4.34)

SUMMARY OF UPDATE

The main purpose of this release is features enhancement for **ITSP** customers.

NOTE:

- This firmware supports 10 SIP accounts, 5 Handsets, 5 total concurrent calls (limited to 2 per repeater in repeater mode), each Handset can select up to 10 accounts.
- **This firmware will not downgrade to version 1.0.17.5 or below. Handset firmware will not downgrade to version 1.0.19.15 or below.**
- DP760 1.1A supports AUTO region feature.
- This firmware supports both Grandstream and OEM devices.

ENHANCEMENT

- Added support for Action URL

NEW P-VALUE

P Value	Alias	Value Range	Default
P8304	ons.actionUrl.setupCompleted	String (Maxlength = 512)	Empty
P8305	ons.actionUrl.registered		
P8306	ons.actionUrl.unregistered		
P8308	ons.actionUrl.offHook		
P8309	ons.actionUrl.onHook		
P8310	ons.actionUrl.incomingCall		
P8311	ons.actionUrl.outgoingCall		
P8312	ons.actionUrl.missedCall		
P8313	ons.actionUrl.establishedCall		
P8314	ons.actionUrl.terminatedCall		
P8316	ons.actionUrl.openDnd		
P8317	ons.actionUrl.closedDnd		
P8318	ons.actionUrl.openForward		
P8319	ons.actionUrl.closedForward		
P8320	ons.actionUrl.blindTransfer		
P8321	ons.actionUrl.attendedTransfer		
P8324	ons.actionUrl.holdCall		
P8325	ons.actionUrl.unholdCall		

Format:

[protocol]://[destination]/[message]
or
[destination]/[message]

Global Parameters:

$phone_ip, $mac, $product, $program_version, $hardware_version

Other Parameters Supported:

Setup Completed ()
Registered ($active_user, $active_host)
Unregistered ($active_user, $active_host)
Off-hook ($active_user, $active_host)
On-hook ($active_user, $active_host)
Incoming Call ($local, $display_local, $remote, $display_remote, $call-id, $calldirection)
Outgoing Call ($local, $display_local, $remote, $call-id, $calldirection)
Missed Call ($local, $display_local, $remote, $display_remote, $calldirection)
Established Call ($local, $display_local, $remote, $call-id, $calldirection)
Terminated Call ($local, $display_local, $remote, $display_remote, $calldirection)
Enable DND ($active_user, $active_host)
Disable DND ($active_user, $active_host)
Enable Call Forward ($active_user, $active_host)
Disable Call Forward ($active_user, $active_host)
Blind Transfer ($local, $display_local, $remote, $call-id, $calldirection)
Attended Transfer ($local, $display_local, $remote, $call-id, $calldirection)
Hold Call ($local, $display_local, $remote, $call-id, $calldirection)
Unhold Call ($local, $display_local, $remote, $call-id, $calldirection)

NOTE:

- The protocol will default to http if not present, both http and https are supported.
- The message supports dynamic parameters as specified.
- When an action is triggered, these will be replaced by the appropriate values in the message string.

FIRMWARE VERSION 1.0.21.4 (REPLACING 1.0.21.2)

PRODUCT NAME

Basestation: DP750, DP752, DP760

Handsets: DP720, DP722, DP730

DATE

02/29/2024

FIRMWARE FILE INFORMATION

- Firmware file name: **dp75xfw.bin**
  MD5: 7b27e2a8096a80a541a3202362491e61

(Boot 1.0.21.4; Core 1.0.21.4; Base 1.0.21.4; Prog 1.0.21.4; Locale 1.0.21.4; Handset 1.0.19.27; Recovery 1.0.21.4; OEM 1.0.21.4; CPE 1.0.4.34)

SUMMARY OF UPDATE

The main purpose of this release is fixing the DP72x stopped working issue after automatic upgrade. If your DP75x base station is on 1.0.21.2, please upgrade to 1.0.21.4 immediately.

NOTE:

- This firmware supports 10 SIP accounts, 5 Handsets, 5 total concurrent calls (limited to 2 per repeater in repeater mode), each Handset can select up to 10 accounts.
- **This firmware will not downgrade to version 1.0.17.5 or below. Handset firmware will not downgrade to version 1.0.19.15 or below.**
- DP760 1.1A supports AUTO region feature.
- This firmware supports both Grandstream and OEM devices.

BUG FIX

- Fixed DP72x stopped working after automatic upgrade

FIRMWARE VERSION 1.0.21.2 (REMOVED)

PRODUCT NAME

Basestation: DP750, DP752, DP760

Handsets: DP720, DP722, DP730

DATE

12/12/2023

FIRMWARE FILE INFORMATION

- Firmware file name: **dp75xfw.bin**
  MD5: 0595c9759de3d40075d28a1ae2659960

(Boot 1.0.21.2; Core 1.0.21.2; Base 1.0.21.2; Prog 1.0.21.2; Locale 1.0.21.2; Handset 1.0.19.21; Recovery 1.0.21.2; OEM 1.0.21.2; CPE 1.0.4.34)

SUMMARY OF UPDATE

The main purpose of this release is bug fixes and features enhancement for **ITSP** customers. **1.0.21.2 is removed and replaced by 1.0.21.4 now. If your DP75x base station is on 1.0.21.2, please upgrade to 1.0.21.4 immediately.**

NOTE:

- This firmware supports 10 SIP accounts, 5 Handsets, 5 total concurrent calls (limited to 2 per repeater in repeater mode), each Handset can select up to 10 accounts.
- **This firmware will not downgrade to version 1.0.17.5 or below. Handset firmware will not downgrade to version 1.0.19.15 or below.**
- DP760 1.1A supports AUTO region feature.
- This firmware supports both Grandstream and OEM devices.

ENHANCEMENT

- Added support to unregister SIP Instance ID only [BH Telecom]

BUG FIX

- Fixed HTTP provisioning window not displayed on HS after subscribed for the first time after reset.
- Fixed the talking time showed in handset is wrong after onhook at the transfer UI.
- Fixed unable to specify which door to open when using with GDS for open 2 doors.
- Fixed bad audio issue when using OPUS codec with sample rate less than 48KHz.
- Fixed device no sound due to send RTP “FFFF” when making a call after changing P value.

NEW P-VALUE

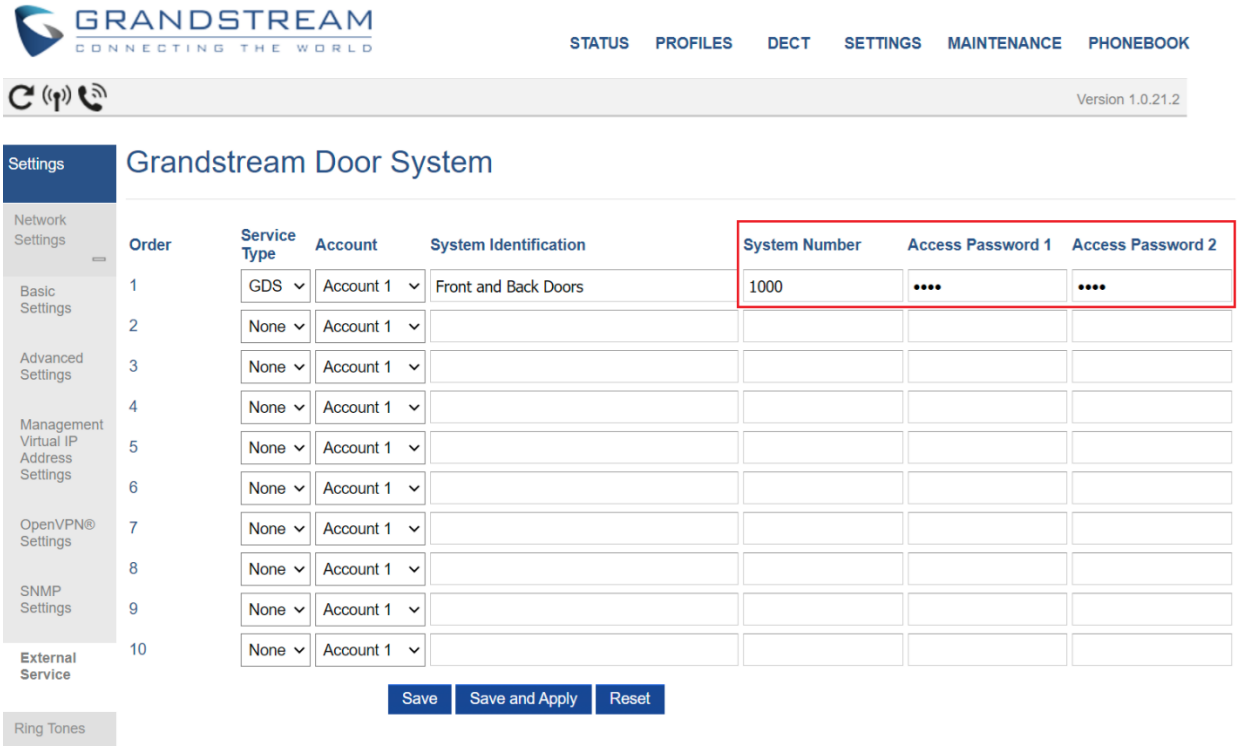
P Value	Alias	Value Range	Default
P42916	external_service.password.11	String	Null
P42919	external_service.password.12	Max. Length = 32byte	Empty
P42922	external_service.password.13		
P42925	external_service.password.14		
P42928	external_service.password.15		
P42931	external_service.password.16		
P42934	external_service.password.17		
P42937	external_service.password.18		
P42940	external_service.password.19		
P42943	external_service.password.20		

NEW FEATURES OVERVIEW

This section lists major new features and describes how to use it from the user's point of view.

ADDED PIN FOR GDS TO OPEN 2ND DOOR

The setting can be found at "SETTINGS → Network Settings → External Service":



- **Functionality:**

This settings allow user to configure password for open 2nd door if two doors are controlled by GDS37xx.

Once configured, when call established with the GDS37xx, user can operate the handset UI to select which door to open. The password needs to be pre-configured into the DP7xx via webUI.

Access Password 1 is for open door password of Door1; Access Password 2 is for Door2.

These can also be provisioned by using configuration file via P value or alias.

FIRMWARE VERSION 1.0.19.9

PRODUCT NAME

DP750, DP752, DP760

Handsets: DP720, DP722, DP730

DATE

11/22/2023

FIRMWARE FILE INFORMATION

- Firmware file name: **dp75xfw.bin**
  MD5: **d16c6729c79bab71d7b2731d54bfb79f**

(Boot 1.0.19.9; Core 1.0.19.9; Base 1.0.19.9; Prog 1.0.19.9; Locale 1.0.19.9; Handset 1.0.19.18; Recovery 1.0.19.9; OEM 1.0.19.9; CPE 1.0.4.34)

SUMMARY OF UPDATE

The main purpose of this release is bug fixes and features enhancement for **ITSP** customers.

NOTE:

- This release supports 10 SIP accounts, 5 Handsets, 5 total concurrent calls (limited to 2 per repeater, in repeater mode), each Handset can select up to 10 accounts.
- **This firmware will not downgrade to version 1.0.17.5 or below. Handset firmware will not downgrade to version 1.0.19.15 or below.**
- DP760 1.1A supports AUTO region feature.
- This firmware supports both Grandstream and OEM devices.

ENHANCEMENT

- Added ability to configure HTTP/HTTPS Username and Password for provisioning from handset (Handset LCD --> Menu --> Settings > System Settings > Provisioning Auth, enter the correct HTTP username and password).
- Disabled Menu Timeout by default on LCD.
- Added support for \'Ab2\' as input mode when using alphanumeric keypad.
- Removed PIN requirement for handset factory reset if the handset didn't connect the base station (Handset LCD --> Menu --> Settings --> System Settings --> Factory Reset).

BUG FIX

- Fixed device does not capture RTP packets using the Packet Capture Option.
- Fixed Timezone syntax for Australian Eastern/Central Time is incorrect.
- Fixed Access contacts/phonebook when a call is being transferred.

FIRMWARE VERSION 1.0.19.8

PRODUCT NAME

DP750, DP752, DP760

Handsets: DP720, DP722, DP730

DATE

08/25/2023

FIRMWARE FILE INFORMATION

- Firmware file name: **dp75xfw.bin**
  MD5: **b15e03109600a90b6ec3a817cef88977**

（ Boot 1.0.19.8; Core 1.0.19.8; Base 1.0.19.8; Prog 1.0.19.8; Locale 1.0.19.8; Handset 1.0.19.16; Recovery 1.0.19.8; OEM 1.0.19.8; CPE 1.0.4.34)

SUMMARY OF UPDATE

The main purpose of this release is bug fixes and features enhancement for **ITSP** customers.

NOTE:

- This release supports 10 SIP accounts, 5 Handsets, 5 total concurrent calls (limited to 2 per repeater, in repeater mode), each Handset can select up to 10 accounts.
- **This firmware will not downgrade to version 1.0.17.5 or below. Handset firmware will not downgrade to version 1.0.19.15 or below.**
- DP760 1.1A supports AUTO region feature.
- This firmware supports both Grandstream and OEM devices.

ENHANCEMENT

- Added “Enable DND Feature”
- Added able to use “_” (underscore)in the SIP Server
- Enhanced security with SSL Medium Strength Cipher Suites Supported
- Added not failover/failback if current SBC has same priority as top choice on same SRV result.
- Added allow failback timer setting of 0 to disable failback mode (only necessary when using Telstra Special Feature)

BUG FIX

- Fixed ringtones disappeared from the webUI
- Fixed registration flip-flop after DNS cache expiry.
- Fixed lost registration after DNS cache expiry when DNS is down.
- Fixed after successful registration failover, Subscribe MSG not sent to the currently registered SBC.

NEW P-VALUE

P Value	Alias	Value Range	Default
P8446	base.call.dnd.enable	0: Disable; 1: Enable [default]	1
P8536	security.cipher.suite.options	0: Enable Weak TLS Ciphers Suites [default] 1: Disable Symmetric Encryption RC4/DES/3DES 2: Disable Symmetric Encryption SEED 3: Disable All Weak Symmetric Encryption 4: Disable Symmetric Authentication MD5 5: Disable All Weak TLS Ciphers Suites	0

UPDATED P-VALUE

P Value	Alias	Value Range	Default
P60056 P60156 P60256 P60356	profile.1.network.dns.failback.expiration profile.2.network.dns.failback.expiration profile.3.network.dns.failback.expiration profile.4.network.dns.failback.expiration	0 – 64800. New added value: “0: Disable failback”; Only necessary when using Telstra Special Feature)	60

NEW FEATURES OVERVIEW

This section lists major new features and describes how to use it from the user’s point of view.

ADDED “ENABLE DND FEATURE”

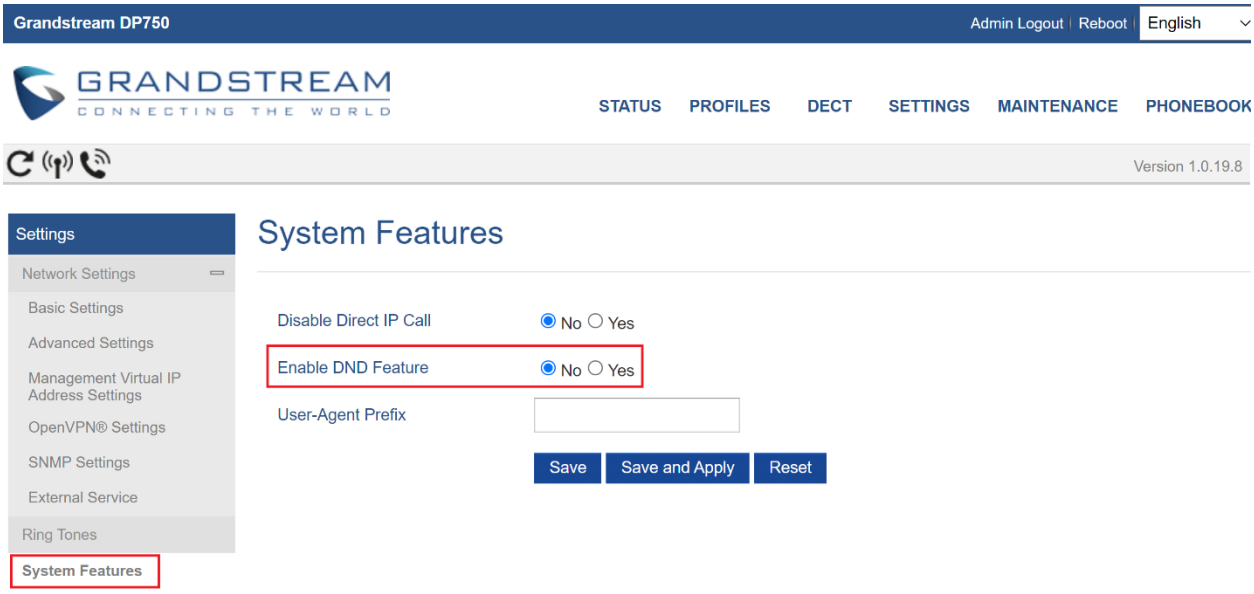
- **Functionality**

The default settings for “Enable DND Feature” is “Yes”, users can use DND feature in the Handsets.

When set to “No”, DND feature is disabled, users can NOT use DND feature in the Handsets. The Handset UI will show “Do Not Disturb” as “Disabled” when configure such settings in the Base Station UI.

This feature is requested by customers who do not want users accidently activated “DND” and not able to get inbound phone calls.

The setting can be found at “SETTINGS → System Features”:

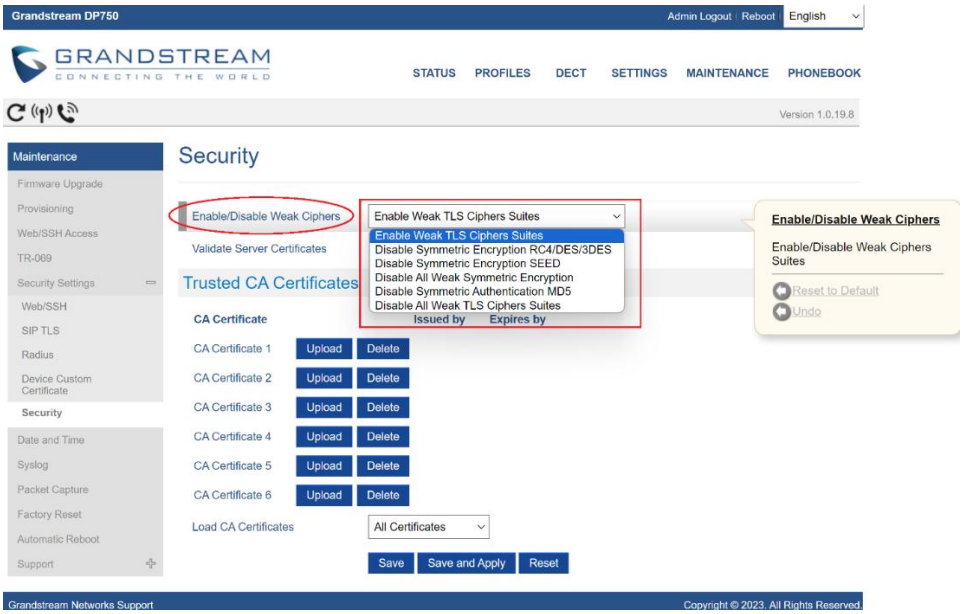


ENHANCED SECUIRTY WITH SSL MEDIUM STRENGTH CIPHER SUITES

- **Functionality**

This feature allows users to choose different lever of TLS Ciphers Suites in the application environment.

The setting can be found at “MAINTENANCE → Security Settings → Security”:

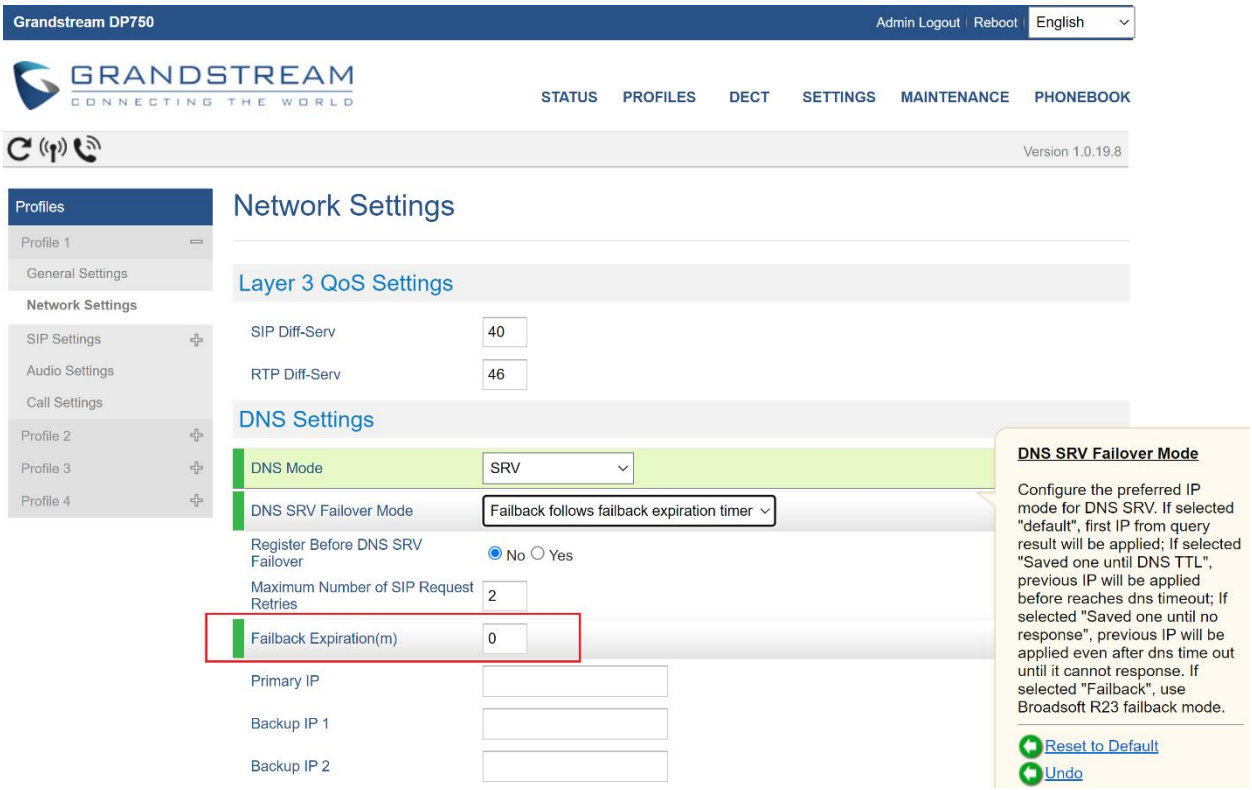


ADDED ALLOW FAILBACK TIMER "0"

- **Functionality**

The default value for "Failback Expiration (m)" is 60 minutes. Added new value "0", when configured, it disables the failback for Telstra Special Feature, which otherwise it is always checked regardless of IP mode.

The setting can be found at Profile X → Network Settings → DNS Settings:



FIRMWARE VERSION 1.0.19.6

PRODUCT NAME

DP750, DP752, DP760

Handsets: DP720, DP722, DP730

DATE

06/12/2023

FIRMWARE FILE INFORMATION

- Firmware file name: **dp75xfw.bin**
  MD5: 5e04c51503d82989084045l9f8377505

（ Boot 1.0.19.6; Core 1.0.19.6; Base 1.0.19.6; Prog 1.0.19.6; Locale 1.0.19.6; Handset 1.0.19.10; Recovery 1.0.19.6; OEM 1.0.19.6; CPE 1.0.4.34)

SUMMARY OF UPDATE

The main purpose of this release is bug fixes and features enhancement for **ITSP** customers.

NOTE:

- This release supports 10 SIP accounts, 5 Handsets, 5 total concurrent calls (limited to 2 per repeater, in repeater mode), each Handset can select up to 10 accounts.
- DP760 1.1A supports AUTO region feature.
- This firmware will not downgrade to version 1.0.17.5 or below.
- This firmware supports both Grandstream and OEM devices.

ENHANCEMENT

- Add SRTP mode “Optional” under SRTP options.
- Add “Kandy” Special Feature mode for ITSP.

BUG FIX

- Fixed missed call displayed on handset when another phone in the ring group picked up the call.
- Fixed device not sending SIP register request to the right address after changing the SIP Server via XML file more than 3 times.

[Kandy]

- Fixed attended transfer failure and Caller ID not updated after call being attended transferred.
- Fixed no audio on both parties after attended transfer under TLS/SRTP protocol.

UPDATED P-VALUE

P Value	Alias	Value Range	Default
P183 P443 P543 P643	profile.1.audio.srtp_mode profile.2.audio.srtp_mode profile.3.audio.srtp_mode profile.4.audio.srtp_mode	0 – 4 (New value “3: Optional” added)	0
P198 P767 P567 P624	profile.1.sip.special_feature profile.2.sip.special_feature profile.3.sip.special_feature profile.4.sip.special_feature	100 -1000 (New value “140: Kandy” added)	

NEW FEATURES OVERVIEW

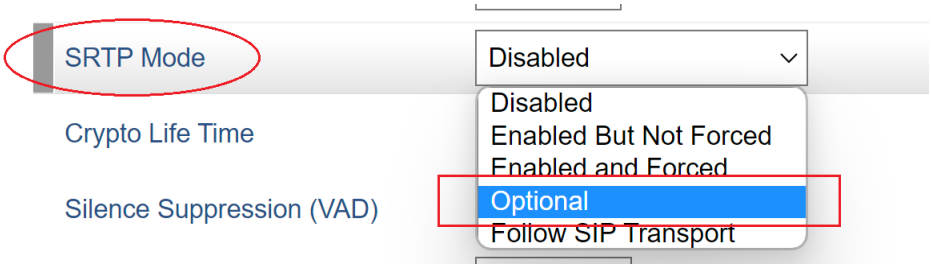
This section lists major new features and describes how to use it from the user’s point of view.

ADD MODE OF “OPTIONAL” SRTP

- **Functionality**

The device now adds support of “Optional” under the SRTP mode configuration.

The setting can be found at Profile X → Audio Settings → Vocoder Settings → SRTP Mode:

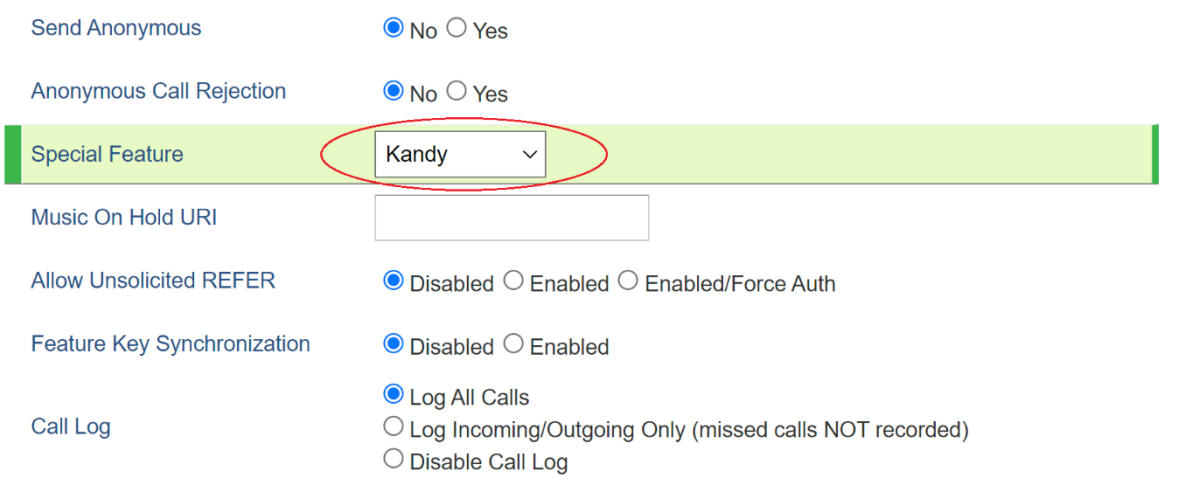


ADD SPECIAL FEATURE MODE “KANDY”

- **Functionality**

The device now adds special feature mode “Kandy” to support ITSP Kandy production environment.

The setting can be found at Profile X → Call Settings → Special Feature:


Send Anonymous
No Yes
Anonymous Call Rejection
No Yes
Special Feature
Kandy
Music On Hold URI
Allow Unsolicited REFER
Disabled Enabled Enabled/Force Auth
Feature Key Synchronization
Disabled Enabled
Call Log
Log All Calls
Log Incoming/Outgoing Only (missed calls NOT recorded)
Disable Call Log

FIRMWARE VERSION 1.0.19.5

PRODUCT NAME

DP750, DP752, DP760

Handsets: DP720, DP722, DP730

DATE

05/12/2023

FIRMWARE FILE INFORMATION

- Firmware file name: **dp75xfw.bin**
  MD5: *8aec3a3be926e8bae2ed775d4888cee9*

(Boot 1.0.19.5 Core 1.0.19.5 Base 1.0.19.5 Prog 1.0.19.5 Locale 1.0.19.5 Handset 1.0.19.7 Recovery 1.0.19.5 OEM 1.0.19.5 CPE 1.0.4.34)

SUMMARY OF UPDATE

The main purpose of this release is bug fixes and features enhancement for **ITSP** customers.

NOTE:

- **This firmware can NOT downgrade to version 1.0.17.5 or below**

ENHANCEMENT

[Access4]

- Add support for "Allow SIP Reset".[ALLOW SIP RESET]

BUG FIX

[Telstra]

- Fixed When registration fails over to an SBC other than the one currently registered with, a new call-id must be used.
- Fixed F-timer and B-timer doesn't work as configured.
- Fixed When the failover is triggered by an INVITE, the invite does not proceed after establishing a new registration.

[Mongotel]

- Fixed remain logged in upon webpage refreshing.

- Fixed reboot the device after acquiring the LLDP network, and the network light has a probability of not always on state.
- Fixed the icon display abnormal while HS factory reset.

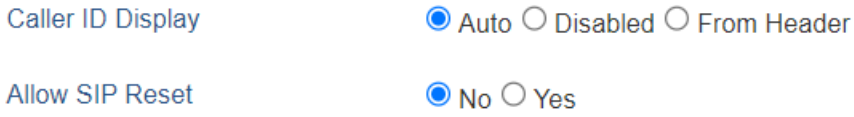
NEW FEATURES OVERVIEW

This section lists major new features and describes how to use it from the user's point of view.

ALLOW SIP RESET

- **Functionality**

The device now supports to configure the Allow SIP Reset, Allow SIP Notification message to perform factory reset. The setting can be found at Profile -> SIP Settings-> Basic Settings. By default, it is No.



- **New P Values**

P value	Alias	Description	Value range	Default
26015 26115 26215 26315	profile.1.sip.allowSipReset profile.2.sip.allowSipReset profile.3.sip.allowSipReset profile.4.sip.allowSipReset	Allow SIP Notification message to perform factory reset	0 – No 1 – Yes	1

FIRMWARE VERSION 1.0.19.4

PRODUCT NAME

DP750, DP752, DP760

Handsets: DP720, DP722, DP730

DATE

03/30/2023

FIRMWARE FILE INFORMATION

- Firmware file name: **dp75xfw.bin**
  MD5: *e1ad4fc82231b7124eafe952c8026613*

(Boot 1.0.19.4, Core 1.0.19.4, Base 1.0.19.4, Prog 1.0.19.4, Locale 1.0.19.4, Recovery 1.0.19.4, OEM 1.0.19.4, Handset 1.0.19.3, CPE 1.0.4.34)

SUMMARY OF UPDATE

The main purpose of this release is bug fixes and features enhancement for **ITSP** customers.

NOTE:

- **This firmware can NOT downgrade to version 1.0.17.5 or below**

ENHANCEMENT

[Telstra]

- Added ability to handle all SRV response when using NAPTR/SRV as DNS mode

BUG FIX

- Fixed inbound calls failed with “486 Busy Here” or “480 Temporarily Unavailable” in DP730

[Kandy IOT]

- Fixed device crashed after retrieving a parked call
- Fixed device crashed after picking up a call
- Fixed TLS/SRTP call from PSTN failed without audio
- Fixed TLS/SRTP call Blind Transfer (SIP to SIP) failure
- Fixed not displaying MWI indication when new VM deposited
- Fixed Attended Transfer failure and Caller ID not updated after the transfer

[Telstra]

- Fixed account lost registration and unable to re-register to any SBC

FIRMWARE VERSION 1.0.19.3

PRODUCT NAME

DP750, DP752, DP760, DP730, DP722, DP720

DATE

03/13/2023

FIRMWARE FILE INFORMATION

- Firmware file name: dp75xfw.bin

  MD5: 8306a79d0dee8c8a6345da25b8af6c57

ENHANCEMENT

- Added support for alert-info :<string>
- Added support for SSL Key Log File. [WITH SECRET KEY INFORMATION]

BUG FIX

- Fixed device is rebooting after a call pickup.
- Fixed device is Rejects to apply the Phonebook XML Server Path with '~'

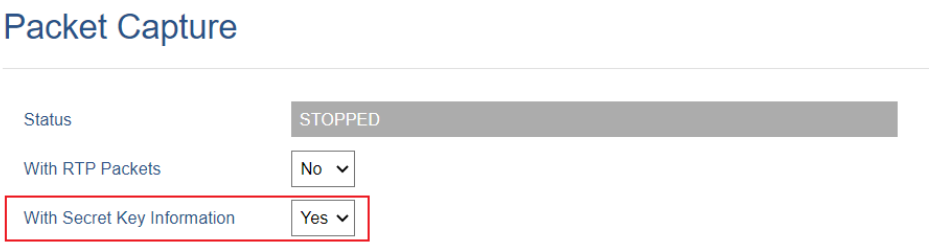
NEW FEATURES OVERVIEW

This section lists major new features and describes how to use it from the user's point of view.

WITH SECRET KEY INFORMATION

- **Functionality**

The device now supports to configure the With Secret Key Information, if set to "Yes, the packet capture will include secret key to decrypt the capture TLS packets. The setting can be found at Maintenance -> Packet Capture. By default, it is enabled.



- **New P Values**

P value	Alias	Description	Value range	Default
22419	maintenance.packet_capture.with_secret_key	Include secret key to decrypt the capture TLS packets	0 – No 1 – Yes	1

FIRMWARE VERSION 1.0.19.2

PRODUCT NAME

DP750, DP752, DP760, DP730, DP722, DP720

DATE

02/24/2023

FIRMWARE FILE INFORMATION

- Firmware file name: dp75xfw.bin

  MD5: 92e95bb60d96ac61f350617553322353

ENHANCEMENT

- Added support for XMPP connection on TR-069.
- Added option to disable with # key. [USE # AS REDIAL KEY]
- Added preferred primary outbound proxy feature. [
- PREFER PRIMARY OUTBOUND PROXY]
- Integrated new DigiCert certificates in firmware.
- Added support for the Greek language.
- Added new option "Follow SIP Transport"(P183/443/543/643) to SRTP mode to auto-switch between RTP and SRTP according to the resolved SIP transport. (Profiles->Profile x->Audio Settings->SRTP Mode-> “4 – Follow SIP Transport”)
- Added the ability to configure F-timer and B-timer.[SIP TIMER F AND TIMER B]
- Added support DP75x for new Cisco/BW Failover/Failback Requests. [MAXIMUM NUMBER OF SIP REQUEST RETRIES] [FAILBACK EXPIRATION]
- Updated the default value of “Unregister on Reboot”(P81/752/552/611) to “No”. (Profiles->Profile x->SIP Settings-> Basic Settings-> Unregister on Reboot-> “0 – No”)
- Updated and added in XSI Settings.[XSI SETTINGS] [XSI ACCOUNT ASSIGNMENT]
- Modified "SIP User Name" to "SIP User ID"
- Added in “Missed Call Log”, “Placed Call Log”, and “Placed Call Log” in Network Directories. [NETWORK DIRECTORIES: CALL LOG]

BUG FIX

- Fixed the handset won’t update the caller ID when Caller ID Display is set to Auto while doing a blind transfer.
- Fixed DP752/DP730 cannot add contacts from history if caller number starts with “+”.
- Fixed DP720 cannot auto-upgrade firmware even if the feature is enabled on DP75x Web UI.

- Fixed when registration fails over to an SBC other than the one currently registered with, a new call-id must be used.
- Fixed account loss registration and unable to re-registered to any SBC.
- Fixed an issue that causes the on-hold reminder tone is not playing.
- Fixed the "Attended Transfer" not to use the line that is currently calling.
- Fixed an issue that the device repeats to reboot when config a domain name in outbound proxy under Telstra mode.

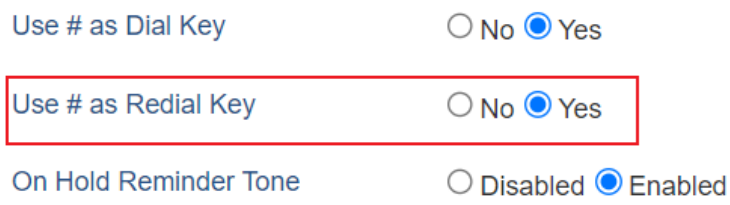
NEW FEATURES OVERVIEW

This section lists major new features and describes how to use it from the user's point of view.

USE # AS REDIAL KEY

- **Functionality**

The device now supports to configure the Use # as Redial Key, If set to "Yes", the "#" key will immediately redial the number of the last outgoing call, if no digits have been dialed. The setting can be found at Profiles -> Profile x -> Call Settings. By default, it is enabled.



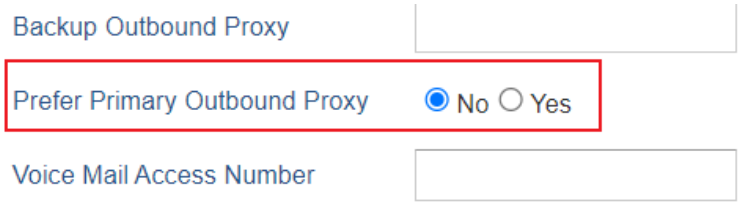
- **New P Values**

Pvalue	Alias	Description	Value range	Default
29069 29169 29269 29369	profile.1.call.pound_as_redial profile.2.call.pound_as_redial profile.3.call.pound_as_redial profile.4.call.pound_as_redial	Configure the Use # as Redial Key	0 – No 1 – Yes	1

PREFER PRIMARY OUTBOUND PROXY

- **Functionality**

The device now supports to configure the Prefer Primary Outbound Proxy, if yes, the profile will register with the primary server when the failover server registration expires. The setting can be found at Profiles -> Profile x -> General Settings. By default, it is disabled.



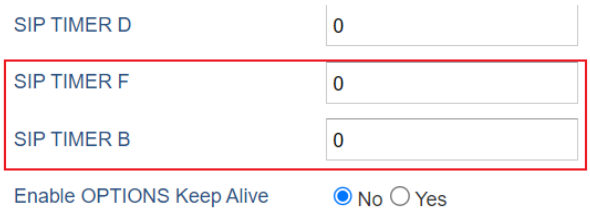
- **New P Values**

Pvalue	Alias	Description	Value range	Default
28096 28097 28098 28099	profile.1.prefer_primary_outbound_proxy profile.2.prefer_primary_outbound_proxy profile.3.prefer_primary_outbound_proxy profile.4.prefer_primary_outbound_proxy	Configure Prefer Primary Outbound Proxy	0 – No 1 – Yes	0

SIP TIMER F AND TIMER B

- **Functionality**

The device now supports to configure SIP Timer F and Timer B, which is defined in RFC 3261. The setting can be found at Profiles -> Profile x -> SIP Settings-> Basic Settings. By default, the value is 0.



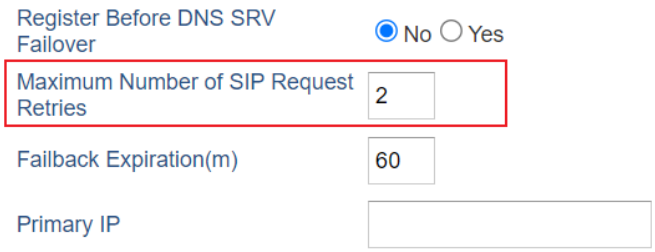
- **New P Values**

Pvalue	Alias	Description	Value range	Default
60075 60175 60275 60375	profile.1.sip.timerf.interval profile.2.sip.timerf.interval profile.3.sip.timerf.interval profile.4.sip.timerf.interval	Configure the F-timer Timeout	Number: 0 – 128 (second(s))	0
60074 60174 60274 60374	profile.1.sip.timerb.interval profile.2.sip.timerb.interval profile.3.sip.timerb.interval profile.4.sip.timerb.interval	Configure the B-timer Timeout	Number: 0 – 128 (second(s))	0

MAXIMUM NUMBER OF SIP REQUEST RETRIES

- **Functionality**

The device now supports to configure the maximum number of SIP request retries, which is the number of SIP retries before DNS failover. The setting can be found at Profiles -> Profile x -> Network Settings -> DNS Settings. By default, the value is 2.



- **New P Values**

Pvalue	Alias	Description	Value range	Default
60055 60155 60255 60355	profile.1.network.sip.number_of_retries profile.2.network.sip.number_of_retries profile.3.network.sip.number_of_retries profile.4.network.sip.number_of_retries	Number of SIP retries before DNS failover	Number: 0 – 10	2

FAILBACK EXPIRATION

- **Functionality**

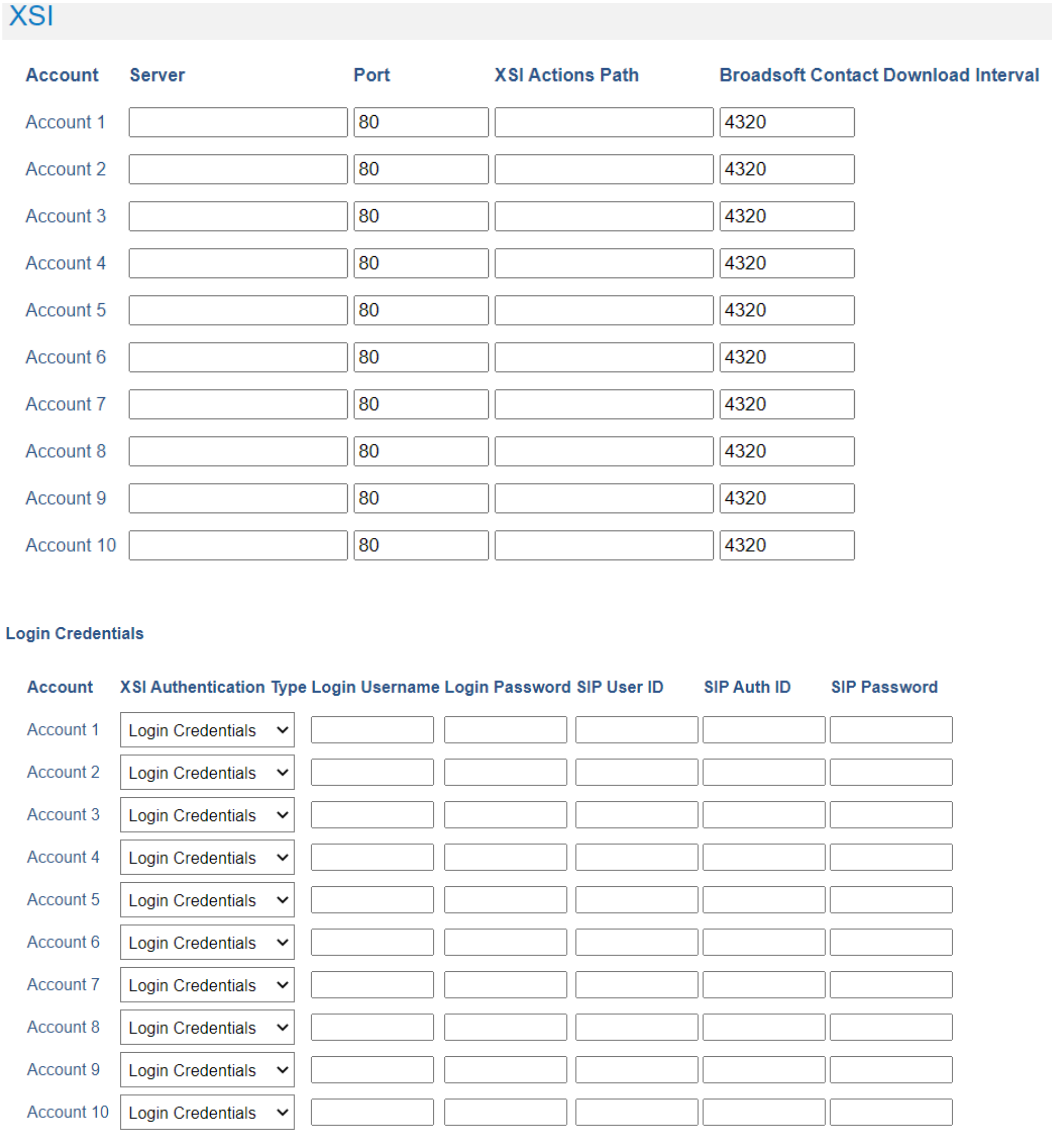
The device now supports to configure failback expiration, which is the expiration time in minutes when using BroadSoft R23 failback mode. The setting can be found at Profiles -> Profile x -> Network Settings -> DNS Settings. By default, the value is 60.

Pvalue	Alias	Description	Value range	Default
60056 60156 60256 60356	profile.1.network.dns.failback.expiration_timer profile.2.network.dns.failback.expiration_timer profile.3.network.dns.failback.expiration_timer profile.4.network.dns.failback.expiration_timer	Expiration time in minutes when using BroadSoft R23 failback mode	Number: 1 – 64800 (minute(s))	60

XSI SETTINGS

- **Functionality**

The device now supports configuring XSI accounts 1-10 in XSI Server, XSI Port, XSI Actions Path, Broadsoft Contact Download Interval, XSI Authentication Type, Login Username, Login Password, SIP User ID, SIP Auth ID, and SIP Password. The setting can be found at Phonebook-> Global Phonebook Broadsoft XSI Settings-> XSI.



- **New P Values**

Pvalue	Alias	Description	Value range	Default
1591 1597 1603 1609 1615 1621 1627 1633 1639 1645	broadsoft.xsi.server.1 broadsoft.xsi.server.2 broadsoft.xsi.server.3 broadsoft.xsi.server.4 broadsoft.xsi.server.5 broadsoft.xsi.server.6 broadsoft.xsi.server.7 broadsoft.xsi.server.8 broadsoft.xsi.server.9 broadsoft.xsi.server.10	Broadsoft XSI Server address with protocol.	Number: 0,1,2 0 - Login Credentials, 1 - SIP Credentials, 2 - Match SIP Account.	0

1592 1598 1604 1610 1616 1622 1628 1634 1640 1646	broadsoft.xsi.port.1 broadsoft.xsi.port.2 broadsoft.xsi.port.3 broadsoft.xsi.port.4 broadsoft.xsi.port.5 broadsoft.xsi.port.6 broadsoft.xsi.port.7 broadsoft.xsi.port.8 broadsoft.xsi.port.9 broadsoft.xsi.port.10	Port of the Broadsoft XSI server	Number: 1 - 65535	80
27937 27938 27939 27940 27941 27942 27943 27944 27945 27946	broadsoft.xsi.XSIActions.1 broadsoft.xsi.XSIActions.2 broadsoft.xsi.XSIActions.3 broadsoft.xsi.XSIActions.4 broadsoft.xsi.XSIActions.5 broadsoft.xsi.XSIActions.6 broadsoft.xsi.XSIActions.7 broadsoft.xsi.XSIActions.8 broadsoft.xsi.XSIActions.9 broadsoft.xsi.XSIActions.10	If it is empty, the path "com.broadsoft.xsi-actions" will be used	String	(null)
27947 27948 27949 27950 27951 27952 27953 27954 27955 27956	broadsoft.xsi.downloadInterval.1 broadsoft.xsi.downloadInterval.2 broadsoft.xsi.downloadInterval.3 broadsoft.xsi.downloadInterval.4 broadsoft.xsi.downloadInterval.5 broadsoft.xsi.downloadInterval.6 broadsoft.xsi.downloadInterval.7 broadsoft.xsi.downloadInterval.8 broadsoft.xsi.downloadInterval.9 broadsoft.xsi.downloadInterval.10	Configures the broadsoft phonebook download interval (in minutes). If set to 0, automatic download will be disabled. Valid range is 5 to 4320.	Number: 0, 5 - 4320	4320
27897 27898 27899 27900 27901 27902 27903 27904 27905 27906	broadsoft.xsi.authType.1 broadsoft.xsi.authType.2 broadsoft.xsi.authType.3 broadsoft.xsi.authType.4 broadsoft.xsi.authType.5 broadsoft.xsi.authType.6 broadsoft.xsi.authType.7 broadsoft.xsi.authType.8 broadsoft.xsi.authType.9 broadsoft.xsi.authType.10	Select XSI Authentication Type. SIP User ID need to be configured if SIP account is selected	Number: 0,1,2 0 - Login Credentials, 1 - SIP Credentials, 2 - Match SIP Account	0

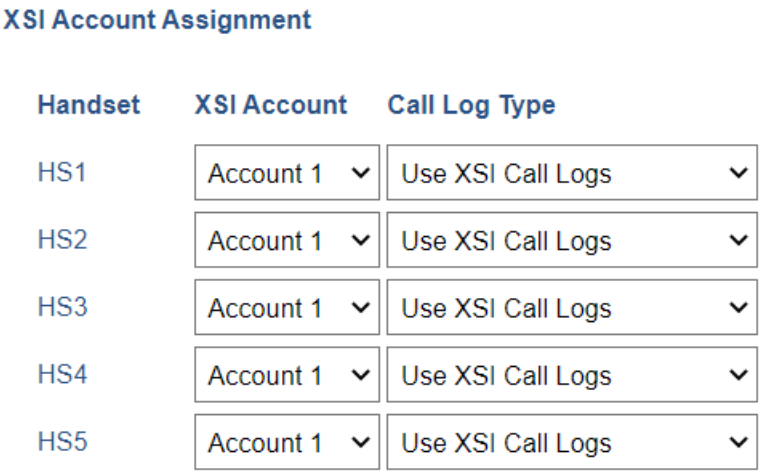
1593 1599 1605 1611 1617 1623 1629 1635 1641 1647	broadsoft.xsi.username.1 broadsoft.xsi.username.2 broadsoft.xsi.username.3 broadsoft.xsi.username.4 broadsoft.xsi.username.5 broadsoft.xsi.username.6 broadsoft.xsi.username.7 broadsoft.xsi.username.8 broadsoft.xsi.username.9 broadsoft.xsi.username.10	Configure the Username for the BroadWorks XSI server	String	(Null)
1594 1600 1606 1612 1618 1624 1630 1636 1642 1648	broadsoft.xsi.password.1 broadsoft.xsi.password.2 broadsoft.xsi.password.3 broadsoft.xsi.password.4 broadsoft.xsi.password.5 broadsoft.xsi.password.6 broadsoft.xsi.password.7 broadsoft.xsi.password.8 broadsoft.xsi.password.9 broadsoft.xsi.password.10	Configure the Password for the BroadWorks XSI server	String	(Null)
27907 27908 27909 27910 27911 27912 27913 27914 27915 27916	broadsoft.xsi.SIPUsername.1 broadsoft.xsi.SIPUsername.2 broadsoft.xsi.SIPUsername.3 broadsoft.xsi.SIPUsername.4 broadsoft.xsi.SIPUsername.5 broadsoft.xsi.SIPUsername.6 broadsoft.xsi.SIPUsername.7 broadsoft.xsi.SIPUsername.8 broadsoft.xsi.SIPUsername.9 broadsoft.xsi.SIPUsername.10	Configure SIP User ID for the BroadWorks XSI server.	String	(Null)
27917 27918 27919 27920 27921 27922 27923 27924 27925 27926	broadsoft.xsi.SIPId.1 broadsoft.xsi.SIPId.2 broadsoft.xsi.SIPId.3 broadsoft.xsi.SIPId.4 broadsoft.xsi.SIPId.5 broadsoft.xsi.SIPId.6 broadsoft.xsi.SIPId.7 broadsoft.xsi.SIPId.8 broadsoft.xsi.SIPId.9 broadsoft.xsi.SIPId.10	Configure SIP Auth ID for the BroadWorks XSI server.	String	(Null)

27927 27928 27929 27930 27931 27932 27933 27934 27935 27936	broadsoft.xsi.SIPPassword.1 broadsoft.xsi.SIPPassword.2 broadsoft.xsi.SIPPassword.3 broadsoft.xsi.SIPPassword.4 broadsoft.xsi.SIPPassword.5 broadsoft.xsi.SIPPassword.6 broadsoft.xsi.SIPPassword.7 broadsoft.xsi.SIPPassword.8 broadsoft.xsi.SIPPassword.9 broadsoft.xsi.SIPPassword.10	Configure SIP Password for the BroadWorks XSI server.	String	(Null)

XSI ACCOUNT ASSIGNMENT

- **Functionality**

The device now supports configuring “Call log Type” in Account 1 to 10 on Handset 1 to 5. The setting can be found at Phonebook-> Global Phonebook Broadsoft XSI Settings-> XSI ACCOUNT ASSIGNMENT. By default, XSI Account is Account 1 and Call Log Type is “Use XSI Call Logs”



- **New P Values**

Pvalue	Alias	Description	Value range	Default
27957 27958 27959 27960 27961	broadsoft.xsi.handset.1 broadsoft.xsi.handset.2 broadsoft.xsi.handset.3 broadsoft.xsi.handset.4 broadsoft.xsi.handset.5	XSI Account Assignment	Number: 1 to 10. 1 - Account 1, 2 - Account 2, 3 - Account 2, 4 - Account 4, 5 - Account 5, 6 - Account 6, 7 - Account 7,	1

			8 - Account 8, 9 - Account 9, 10 - Account 10.	
27967 27968 27969 27970 27971	broadsoft.xsi.callLogDisplay.1 broadsoft.xsi.callLogDisplay.2 broadsoft.xsi.callLogDisplay.3 broadsoft.xsi.callLogDisplay.4 broadsoft.xsi.callLogDisplay.5	Select whether to display Base Station or XSI call logs on handset; will display Base logs if XSI not configured	Number: 0, 1 0 - Use Base Station Call Logs, 1 - Use XSI Call Logs.	0

NETWORK DIRECTORIES: CALL LOG

- **Functionality**

The device now supports configuring enable or disable “Missed Call Log”, “Placed Call Log” and “Received Call log” and the name of them. The setting can be found at Phonebook-> Global Phonebook Broadsoft XSI Settings-> Network Directories. By default, it is disabled.

Pvalue	Alias	Description	Value range	Default
2981	broadsoft.xsi.enableMissedCallLog	Enable or Disable Missed Call Log	Number: 0,1	0
2982	broadsoft.xsi.missedCallLog	Name of Personal Directory	String: Max length 128	Null
2983	broadsoft.xsi.enablePlacedCallLog	Enable or Disable Placed Call Log	Number: 0,1	0
2984	broadsoft.xsi.placedCallLog	Name of Placed Call Log	String: Max length 128	Null
2985	broadsoft.xsi.enableReceivedCallLog	Enable or Disable Received Call Log	Number: 0,1	0
2986	broadsoft.xsi.receivedCallLog	Name of Received Call Log	String: Max length 128	Null

FIRMWARE VERSION 1.0.17.8

PRODUCT NAME

DP750, DP752, DP760, DP730, DP722, DP720

DATE

07/29/2022

FIRMWARE FILE INFORMATION

- Firmware file name: dp75xfw.bin

  MD5: 5f247bdd452e2807b0b0c27a30c5a326

ENHANCEMENT

- Added support for firmware download when the server does not support “206 Partial Content”.
- Changed “broadsoft.xsi.SIPPassword” to accept up to 64 characters (previous is 32 characters).
- Updated CPE to version 1.0.4.25 for GDMS support.

BUG FIX

- Fixed some DP722 used a wrong battery calibration that may lead them cannot be fully charged.
- Fixed DNS SRV failover does not work on receiving SIP 503.
- Fixed Offhook Auto-dial option value changed to 0 after handset factory reset.
- Fixed DP75x may not register accounts with TR-069 enabled.
- Fixed issue that in a conference call after put Party A on hold, if A hang up and re-joined the conference, Party B will be displayed as “Holding” status.
- Fixed incoming call with special characters would cause the handset to restart.
- Fixed DP75x crash after receiving SIP INVITE with name including special Czech characters
- Fixed DP75x crash and account unregister upon a PBX based transfer using *230 feature code.
- Fixed phonebook contacts in Japanese displayed as garbled characters on incoming call when HS mode is set to “Parallel”.
- Fixed issue that when in parallel mode, the incoming caller firstname or lastname is too long, there is only one handset can display the name.

FIRMWARE VERSION 1.0.17.4

PRODUCT NAME

DP750, DP752, DP760, DP730, DP722, DP720

DATE

04/06/2022

FIRMWARE FILE INFORMATION

- Firmware file name: dp75xfw.bin

  MD5: b35a2214537c3852ce5ef8f3efd9f57a

BUG FIX

- Fixed some DP722 used a wrong battery calibration that may lead them cannot be fully charged.

FIRMWARE VERSION 1.0.17.3

PRODUCT NAME

DP750, DP752, DP760, DP730, DP722, DP720

DATE

02/22/2022

FIRMWARE FILE INFORMATION

- Firmware file name: dp75xfw.bin

  MD5: 6feb9d08bd1ccec4a12db80b74dba32f

ENHANCEMENT

- Add support for Off-Hook Auto-Dial Delay. [OFF-HOOK AUTO-DIAL DELAY]
- Added ability to manage 3-way conference from handset. [OPERATION FOR 3-WAY CONFERENCE]

BUG FIX

- Fixed the Phonebook Download Interval does not take effect if it is set to 0.
- Updated CA certificate to fix Authenticate Server Certificate Chain enabled and account cannot be registered issue.
- Fixed DP720 cannot auto upgrade firmware even the feature is enabled on DP75x Web UI.
- Fixed DP75x has low chance to take too long to complete the upgrade process.
- Fixed when enabled both HTTP and HTTPS and set the port to be the same, access to web page is problematic.

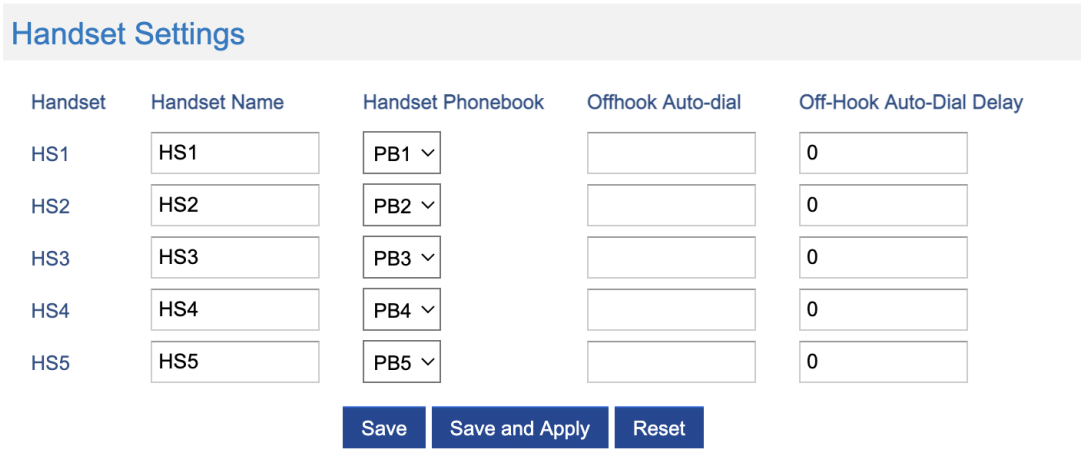
NEW FEATURES OVERVIEW

This section lists major new features and describes how to use it from the user's point of view.

OFF-HOOK AUTO-DIAL DELAY

- **Functionality**

The device now supports to configure a delay time for off-hook auto-dial, after configured, when device off-hook playing dial tone, after the configured time of seconds, the device will auto dial to the configured number. The setting can be found at DECT -> General Settings -> Handset Settings. By default, the value is 0.

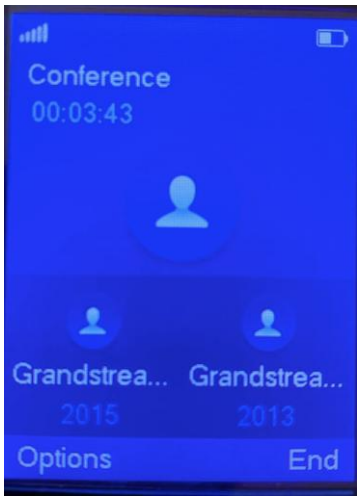


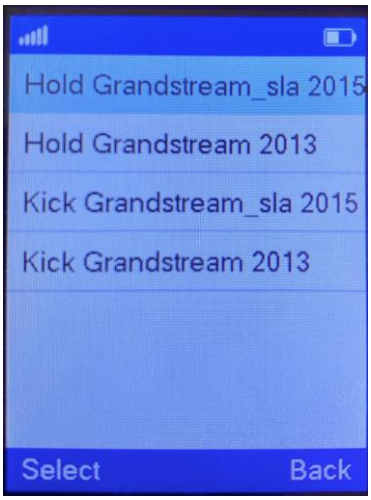
- **New P Values**

Pvalue	Alias	Description	Value range	Default
2296 2496 2596 2696 2796	handset.1.call.offhook_auto_dial.delay handset.2.call.offhook_auto_dial.delay handset.3.call.offhook_auto_dial.delay handset.4.call.offhook_auto_dial.delay handset.5.call.offhook_auto_dial.delay	Delay time in seconds for offhook auto-dial.	0 - 60	0

OPERATION FOR 3-WAY CONFERENCE

Since 1.0.17.3, if the handset bridged 2 calls into a conference, he now able to kick one of the participants without ending the whole conference, or he can also hold and unhold participants without kicking them off the call.





FIRMWARE VERSION 1.0.17.1

PRODUCT NAME

DP750, DP752, DP760, DP730, DP722, DP720

DATE

11/17/2021

FIRMWARE FILE INFORMATION

- Firmware file name: dp75xfw.bin

  MD5: 399ab9ae931d29b0e37ff8d5ef32510d

IMPORTANT UPGRADING NOTES

- **For all DP series, once upgraded to 1.0.17.1, downgrade to 1.0.15.6 or below is not supported.**

ENHANCEMENT

- Add support to automatically reboot. [AUTOMATICALLY REBOOT]
- Corrected the tooltip text for “Download and Process ALL Available Config Files”.

BUG FIX

- Removed XSI option from “Global Phonebook Type” because it not needed.
- Fixed TFTP upgrade of firmware still happens if DHCP options 43, 66 and 160 override the server setting. The TFTP upgrade does not support partial download which may cause the firmware download and upgrade problem that DP has already removed it.
- Fixed DP72x/DP730 cannot play distinctive ringtone for Metaswitch platform.
- Fixed DP75x Call Forward settings on DP72x/DP730 cannot synchronize with Metaswitch server when the destination field is not set to null value.

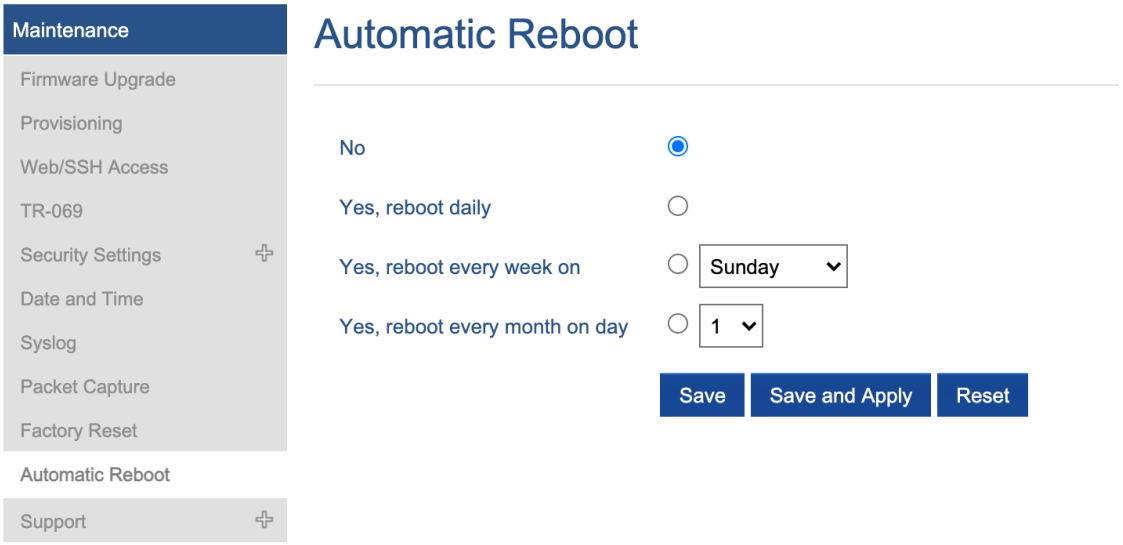
NEW FEATURES OVERVIEW

This section lists major new features and describes how to use it from the user’s point of view.

AUTOMATICALLY REBOOT

- **Functionality**

The device now supports to config a specific time to auto reboot by its own now. The setting can be found at Maintenance -> Automatic. By default, this feature is disabled.



- **New P Values**

Pvalue	Alias	Description	Value range	Default
21929	maintenance.autoreboot.type	Configure the type of auto reboot.	0 – No 1 – Yes, reboot daily 2 – Yes, reboot every week on 3 – Yes, reboot every month on day	0
21931	maintenance.autoreboot.wday	Week day, this will take effect if type is set to Yes, reboot every week on	0 – 6: Sunday to Saturday	
28118	maintenance.autoreboot.mday	Day of a month, this will take effect if type is set to Yes, reboot every month on day	1 – 31: 1st day to 31st day	
21930	maintenance.autoreboot.hour	Hour of the day, this will take effect if auto reboot is enabled.	0 – 23	
43100	maintenance.autoreboot.minute	Minute of the day, this will take effect if auto reboot is enabled.	0 – 59	

FIRMWARE VERSION 1.0.15.15

PRODUCT NAME

DP750, DP752, DP760, DP730, DP722, DP720

DATE

09/24/2021

FIRMWARE FILE INFORMATION

- Firmware file name: dp75xfw.bin

  MD5: f754bc575501baacb1f63bdd094c76e3

ENHANCEMENT

- Add support to allow call barging by Call-Info/Alert-Info. [BARGING BY CALL-INFO/ALERT-INFO]
- Add HW version display on device web GUI status page.
- Adjust Opus to be configured with default value 123 as the same as GRP.

BUG FIX

- Fixed DP75x SIP INVITE's "Via", "Contact", "Owner" and "Connection information" headers are all IP address 0.0.0.0.
- Fixed Bypass Dial Plan not working after enabled.
- Fixed DP72x/DP730 stop receiving calls randomly.
- Fixed DP75x may repeat automatic reboot after interrupt power when updating Core or Base image.
- Fixed Russian input setting is reversed on handset.
- Fixed device sometimes does not re-register after unplugging/plugging network cable.
- Fixed the issue when the device configured to use SRV DNS mode, but the host is under A record, the custom SIP port in Outbound Proxy cannot be correctly recognized, the device will use the default SIP port.

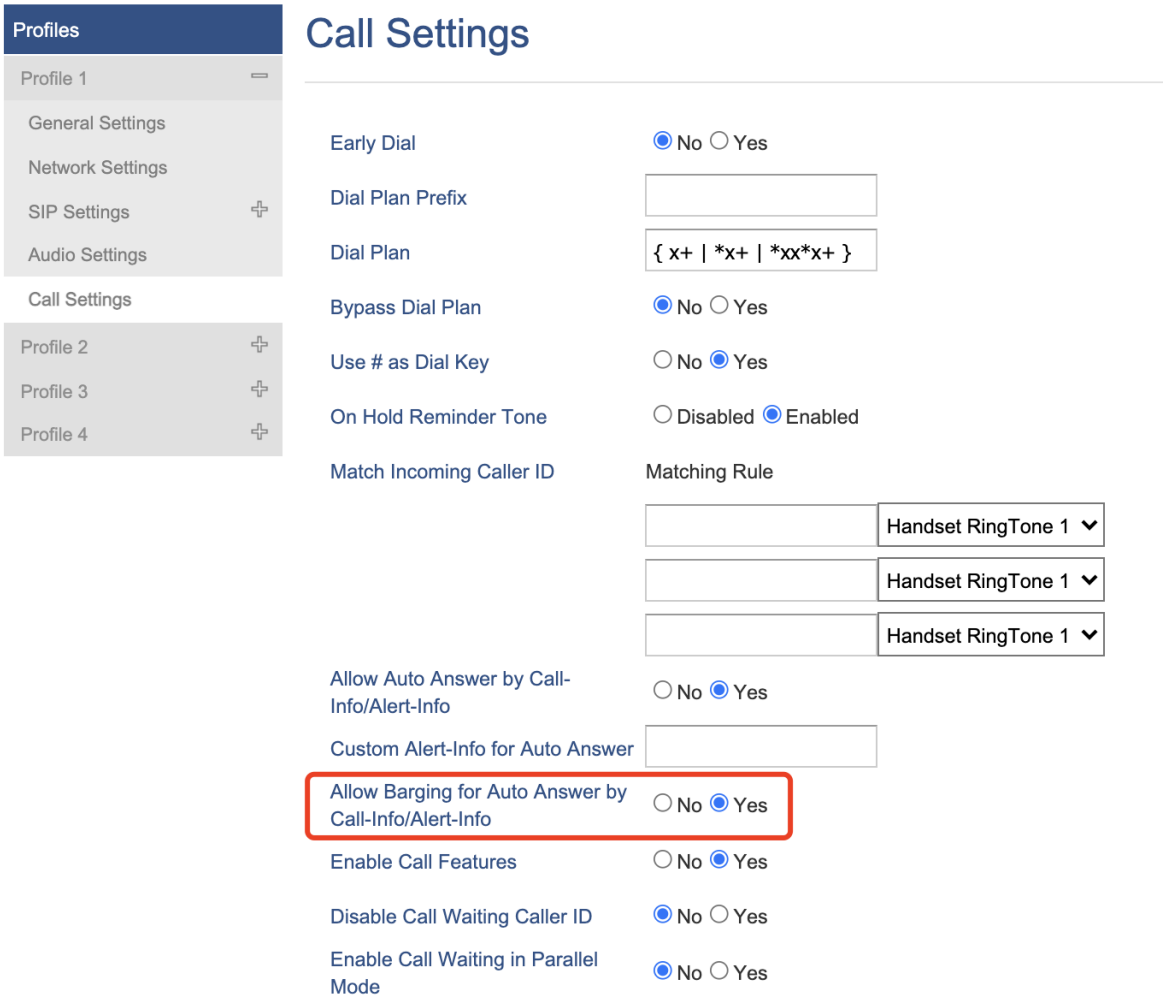
NEW FEATURES OVERVIEW

This section lists major new features and describes how to use it from the user's point of view.

BARGING BY CALL-INFO/ALERT-INFO

- **Functionality**

The device now supports to auto answer a call by Call-Info/Alert-Info, even the phone is current in middle of a call, the setting can be found at Profiles -> Profile x -> Call Settings -> Allow Barging for Auto Answer by Call-Info/Alert-Info. By default, it's enabled.



- **New P Values**

Pvalue	Alias	Description	Value range	Default
27859 27860 27861 27862	profile.1.call.auto_answer.alert_info_barging.allow profile.2.call.auto_answer.alert_info_barging.allow profile.3.call.auto_answer.alert_info_barging.allow profile.4.call.auto_answer.alert_info_barging.allow	If set to "Yes", the phone will automatically answer based on SIP Call-Info/Alert-Info, even if the phone is already in another call. If Allow Auto Answer by Call-Info/Alert-Info is set to "No", this setting has no effect.	0 – No 1 – Yes	1

FIRMWARE VERSION 1.0.15.6

PRODUCT NAME

DP750, DP752, DP760, DP730, DP722, DP720

DATE

03/18/2021

FIRMWARE FILE INFORMATION

- Firmware file name: dp75xfw.bin

  MD5: 53393f6a0645b02f875ececa35d2c6dd

ENHANCEMENT

- Add support for Thailand language.

BUG FIX

- Fixed DP75x Dial Plan priority sequence is reversed issue.
- Fixed DP75x IP address/subnet/gateway/DNS becomes to 0.0.0.0 after set SIP TLS Private Key.
- Fixed DP75x Layer 2 QoS 802.1p Priority Value for virtual IP do not take effect.
- Fixed DP75x issue that when the SRTP is disabled but the SRTP parameters are still negotiated.
- Fixed DP75x issue when the domain name is resolved under SRV, the device will send additional registration requests after booting up.
- Fixed DP75x doesn't send a SUBSCRIBE message when DND is enabled/disabled by the mute button.
- Changed the default values of local RTP port staring from 50000.

FIRMWARE VERSION 1.0.15.3

PRODUCT NAME

DP750, DP752, DP760, DP730, DP722, DP720

DATE

12/11/2020

FIRMWARE FILE INFORMATION

- Firmware file name: dp75xfw.bin

  MD5: 76b77dd3160de0757e2e855acd71e166

ENHANCEMENT

- Added support to have a web UI option of bypass dial plan. [BYPASS DIAL PLAN]

BUG FIX

- Fixed the bug that disconnect the upper network of the switch and STUN enabled and configured, the DP75x might restart of a hung thread issue.
- Fixed DP75x performs INVITE to Transfer-Target before REFER on Blind Transfer.
- Fixed DP75x has 6 seconds delay for sending the DHCP renewal.
- Fixed DP75x issue that when the domain name is resolved under SRV, and the device will send additional registration requests after restarting.
- Fixed some translation error in web UI.

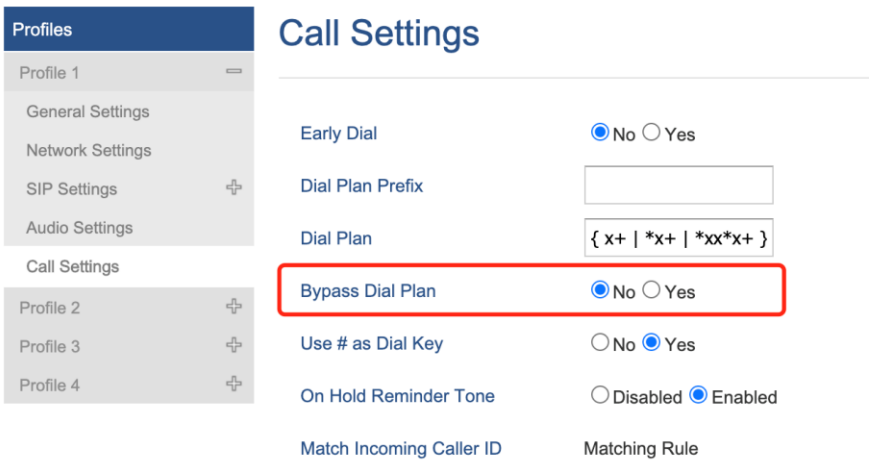
NEW FEATURES OVERVIEW

This section lists major new features and describes how to use it from the user's point of view.

BYPASS DIAL PLAN

- **Functionality**

The device now supports to bypass the dial plan by a web UI option, the setting can be found at Profiles -> Profile x -> Call Settings -> Bypass Dial Plan.



- **New P Values**

Pvalue	Alias	Description	Value range	Default
2382 2482 2582 2682	profile.1.call.disable_dial_plan profile.2.call.disable_dial_plan profile.3.call.disable_dial_plan profile.4.call.disable_dial_plan	Bypass Dial Plan on selected items	0 – No 1 – Yes	0

FIRMWARE VERSION 1.0.15.2

PRODUCT NAME

DP750, DP752, DP760, DP730, DP722, DP720

DATE

11/06/2020

FIRMWARE FILE INFORMATION

- Firmware file name: dp75xfw.bin

  MD5: eac554f1da12c935364a2b5531cc91e5

ENHANCEMENT

- Added support to input provisioning server username and password on handset UI when base station is trying to download a config file from a password protected server. [INPUT USERNAME AND PASSWORD ON HANDSET FOR PROVISION SERVER]
- Added support to configure Call Log settings. [CONFIGURE CALL LOG]
- Added DNS SRV Failover modes. [DNS SRV FAILOVER MODES]
- Added warning tone when auto answer a call or intercom. [WARNING TONE FOR AUTO ANSWER]
- Added option to automatically mute after auto answer a call or intercom. [WARNING TONE FOR AUTO ANSWER]
- Added support to disable SIP NOTIFY authentication.
- Added support for Auto Timer Zone feature.
- Added support to delete a paired base station from the handset.

BUG FIX

- Fixed a security issue that an XML field can be used as command injection.
- Fixed a security issue that user may get root access in the SSH shell with “gssu” command.
- Fixed DP75x cannot apply some GDMS settings issue.
- Fixed DP75x issue that when access to VM, it calls the number of Offhook Auto-dial number.
- Moved “No Key Entry Timeout” setting from Profile -> Call Setting to DECT -> Handset Settings.
- Fixed intercom has no missed call notification issue.
- Fixed DP75x does not report DND status to GDMS issue.
- Fixed DP75x cannot search the contacts in LDAP.
- Fixed DP72x and DP730 shows “error” when edit private contact.
- Fixed DP75x does not response 200OK after receiving the Reboot NOTIFY from UCM.
- Fixed DP75x still shows remote caller name in call history even after added it to contacts with a new name.

- Fixed DP75x still send INVITE when Dial Plan is {6868xxxx} and trying to call 68681 that does not match the Dial Plan.
- Fixed DP75x cannot dial out via Offhook Auto-dial when the line 1 is none.
- Fixed DP75x Force Timer do not take effect for session timer.
- Fixed DP75x will response 404 when it receive 'sipaaa' and enabled Validate Incoming Messages.
- Added prompt of "include the protocal header ("http:// or https://")" for Global Phonebook Broadsoft XSI Settings.
- Fixed DP75x still shows cached Broadsoft XSI contacts after changed Broadsoft XSI settings to invalid one.
- Fixed DP75x need a reboot to take DNS Mode -> Use Configured IP to take effect.
- Fixed when DP75x dial back from missed call, the call history of the call back shows under incoming call instead of outgoing call.
- Fixed the user account cannot configure "Whitelist for WAN side" and "Blacklist for WAN side".
- Fixed DNS Server2 in SSH status result is not aligned with other values.
- Fixed DP75x "use stun to detect network connectivity" does not take effect.
- Fixed DP75x "OPTIONS Keep Alive Max Lost" does not take effect.
- Fixed DP75x OpenVPN cannot disable comp-lzo.
- Fixed DP72x and DP730 will remove account DND settings after use Mute key to disable the handset DND.
- Fixed DP75x is not ringing when the call is received from PSTN using an Alcatel PBX.
- Fixed DP75x take rejected calls to missed call history, now it will be logged as received/answered call with a different icon.
- Fixed DP75x does not accept a SIP server with more than 4 sub domains.
- Fixed DP75x cannot redial an IP call from call history.
- Fixed DP72x/DP730 still display a null home number at the contact detail view after home number been removed and a work number been configured.

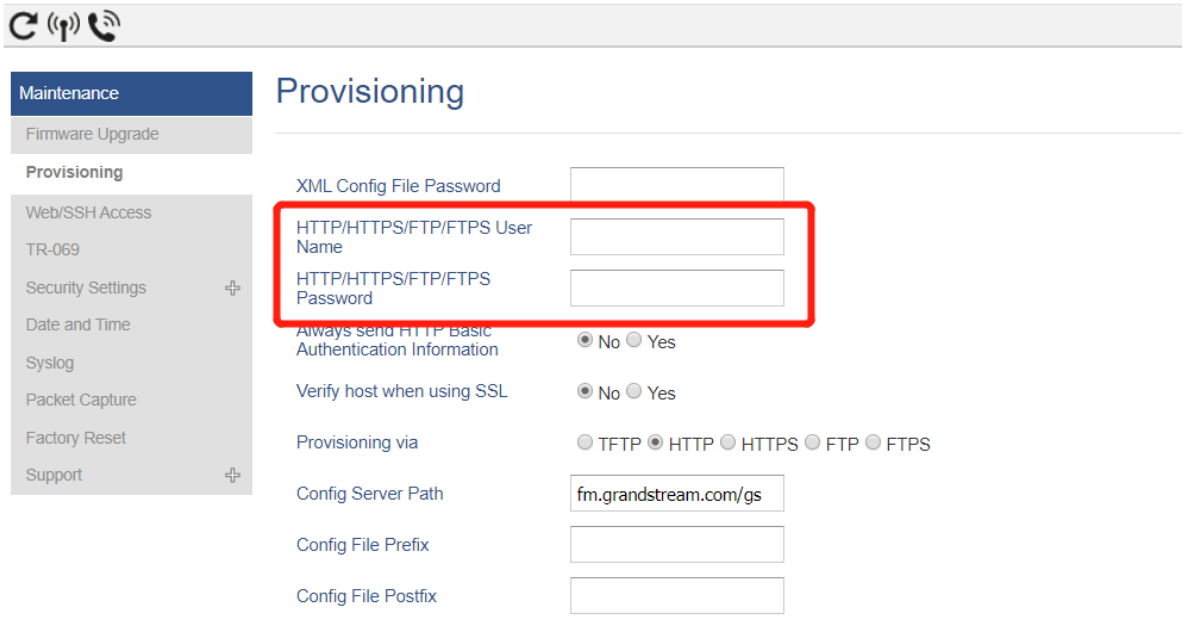
NEW FEATURES OVERVIEW

This section lists major new features and describes how to use it from the user's point of view.

INPUT USERNAME AND PASSWORD ON HANDSET FOR PROVISION SERVER

- **Functionality**

When the device is trying to download the config file from the config server, if the server has username and password protected, the end user needs to configure these fields in the web UI before the provisioning.

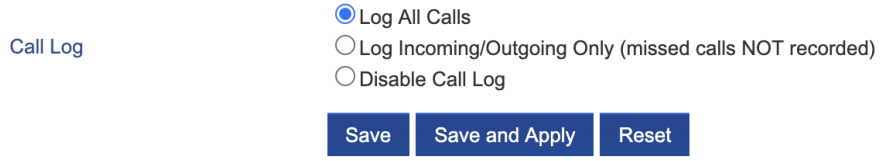


Now it can input the username and password on handset UI when trying to download the config file if these 2 fields is not preconfigured in Web UI.

CONFIGURE CALL LOG

- **Functionality**

DP75x now support to configure the level of call logs or disable the call log. The feature can be found at Web UI -> Profile X -> Call Settings -> Call log:



- **New P Values**

Pvalue	Alias	Description	Value range	Default
182 442 542 642	profile.1.call.call_log profile.2.call.call_log profile.3.call.call_log profile.5.call.call_log	Configures Call Log setting on the phone.	0 – Log All Calls 1 – Log Incoming/Outgoing Only (missed call NOT recorded) 2 – Disabled Call Log	0

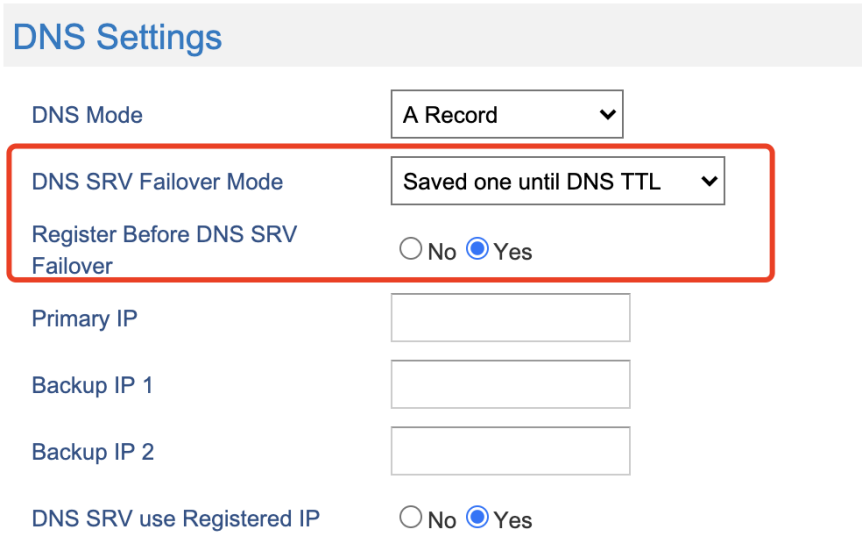
DNS SRV FAILOVER MODES

- **Functionality**

This feature is sued to configure the preferred IP mode for DNS SRV. If selected "default", first IP from query result will be applied; If selected "Saved one until DNS TTL", previous IP will be applied before reaches DNS timeout; If selected "Saved one until no response", previous IP will be applied even after DNS time out until it cannot response.

When the DNS SRV Failover Mode is enabled, you can also choose to “Register before DNS SRV failover” that can waive the 3 failed tries, or still try 3 times then use the failover DNS.

This setting can be found at Web UI -> Profiles -> Network Settings:



- **New P Values**

Pvalue	Alias	Description	Value range	Default
26040 26140 26240 26340	profile.1.network.dns.srv_failover_mode profile.2.network.dns.srv_failover_mode profile.3.network.dns.srv_failover_mode profile.4.network.dns.srv_failover_mode	Configure the DNS SRV failover mode	0 – Default 1 – Saved one until DNS TTL 2 – Saved one until no response	0
29095 29195 29295 29395	profile.1.network.dns.register_before_srv_failover profile.2.network.dns.register_before_srv_failover profile.3.network.dns.register_before_srv_failover profile.4.network.dns.register_before_srv_failover	Indicates whether a REGISTER request will be initiated when a server failover occurred under DNS SRV mode	0 – No 1 – Yes	0

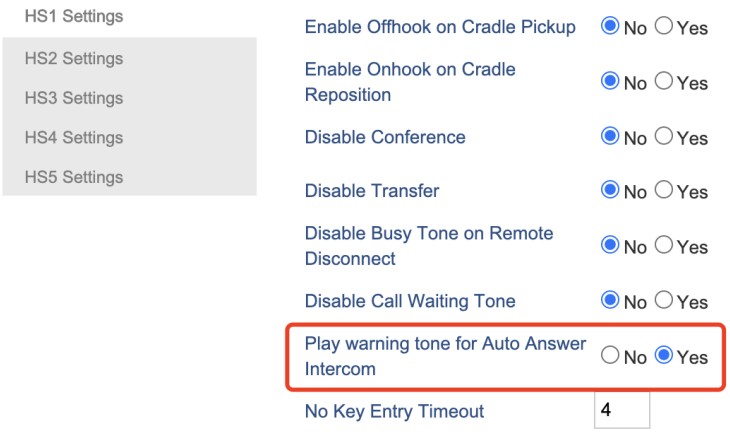
WARNING TONE FOR AUTO ANSWER

- **Functionality**

DP75x support to play a warning tone for auto answer for protect the privacy. This setting can be configured by either the handset GUI or the Web UI:

Handset GUI -> Preferences -> Play Warning Tone for Auto Answer.

Web UI -> Handset Settings -> HS X Settings.



- **New P Values**

Pvalue	Alias	Description	Value range	Default
26072 26172 26272 26372 26472	handset.1.call.play_warning_tone_for_auto_answer.enable handset.2.call.play_warning_tone_for_auto_answer.enable handset.3.call.play_warning_tone_for_auto_answer.enable handset.4.call.play_warning_tone_for_auto_answer.enable handset.5.call.play_warning_tone_for_auto_answer.enable	When enabled, phone will play warning tone when auto answer Intercom	0 – No 1 – Yes	0

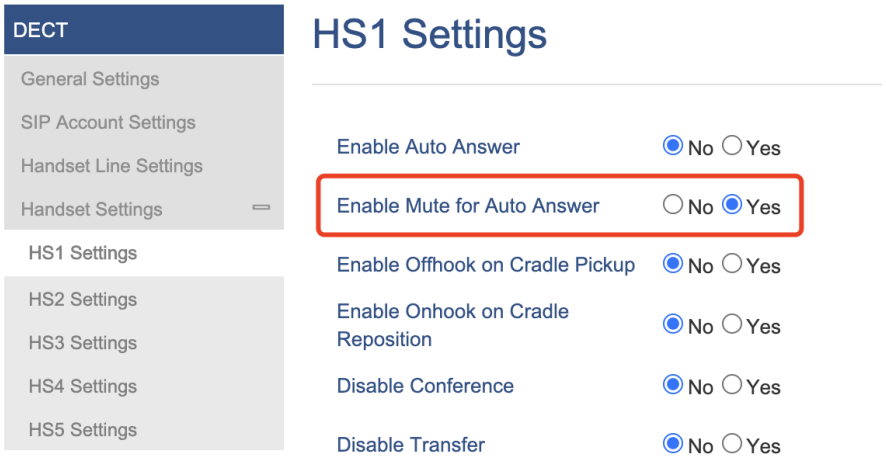
AUTO MUTE FOR AUTO ANSWER

- **Functionality**

When auto an incoming call or intercom, now DP72x/DP730 support to auto mute right after the call been answer, this can be configured by either the handset GUI or Web UI:

Handset GUI -> Preferences -> Play Warning Tone for Auto Answer.

Web UI -> Handset Settings -> HS X Settings.



- **New P Values**

Pvalue	Alias	Description	Value range	Default
27844 27845 27846 27847 27848	handset.1.call.auto_mute_for_auto_answer.enable handset.2.call.auto_mute_for_auto_answer.enable handset.3.call.auto_mute_for_auto_answer.enable handset.4.call.auto_mute_for_auto_answer.enable handset.5.call.auto_mute_for_auto_answer.enable	Enable mute when handset is auto answering	0 – No 1 – Yes	0

FIRMWARE VERSION 1.0.13.8

PRODUCT NAME

DP750, DP752, DP760, DP730, DP722, DP720

DATE

07/10/2020

FIRMWARE FILE INFORMATION

- Firmware file name: dp75xfw.bin

  MD5: f54e5264efa0ed7e5702c8263a3cdc86

ENHANCEMENT

- Added support for handsets to internally page other handsets without accounts registered on menu -> Call features -> paging.
- Added support to enable or disable “On Hold Reminder Tone” in Web UI. [ON HOLD REMINDER TONE]
- Added support to configure “Caller ID Display” in Web UI.
- Updated some Chinese translations.
- Updated the CPE to 1.0.1.141 to better support GDMS.

BUG FIX

- Fixed DP7xx changes hold status to incoming call status when remote also hold the call.
- Fixed DP7xx handsets failed to ring during paging call.
- Fixed DP7xx web UI option “Authenticate Conf File” does not take effect after enabled under provision setting page.
- Fixed DP7xx drops call when 100REL is enabled and using 183 session progress on some platform.
- Fixed DP7xx handset softkey button failed to display “Cancel” when making a second call and the first call hang up by remote during the second call is in ringing.
- Fixed DP7xx intercom all only support attended transfer, while there is a blind transfer menu.
- Fixed DP7xx *16, *17 feature code not functioning issue.
- Fixed DP7xx some dial plan setting does not take effect.
- Fixed DP7xx handsets display “call released 512” instead of “line busy” when callee reject the call.
- Fixed DP7xx still able to send out INVITE when account is not registered and “Outgoing Calls Without Registration” is enabled.
- Fixed DP72x/DP730 still display call “Held” after end a held conference call to a single call.
- Fixed DP75x auto reboot after change SIP Transport from TLS to UDP with Custom TLS cert and key.

- Fixed DP75x cannot make intercom call when dial plan is set to { [*x]+ }.
- Fixed DP75x SNMP trap and trap interval do not take effect with trap version 3.
- Fixed DP75x hold reminder tone does not play after enabled the reminder tone on web UI option.
- Fixed DP75x base station may crash after provisioned by 3CX server and idled for a period of time.
- Fixed DP7xx randomly rejects incoming calls with 486 busy.
- Fixed when DP72x/DP730 is holding the call, if the remote also hold the call, the handset will falsely display a second incoming call UI.
- Fixed DP7xx handsets time cannot be updated in real time after base station time be updated.
- Fixed DP7xx send ACK for the 200OK after the re-INVITE REFER, the ACK will lead NETSAPIENS server response 491 and transfer failed.
- Fixed DP7xx dial plan working as expected issue such as {<=1>x.} and {<=1>x+} were not recognized.
- Removed invalid account status from SSH UI.
- Fixed DP72x and DP730 still retained custom LSK menu after device being factory reset.
- Fixed DP72x and DP730 still shows call in “Held” status after it has been transferred.
- Added support for “’” and “_” in Contacts search box.
- Fixed DP7xx still receives PTT after enabled DND.
- Fixed DP72x and DP730 issue that when it is in ringing status, and receives another incoming call, it replies 486 busy to the second call but not generates a missed call notice.
- Fixed DP72x and DP730 issue that it still prompt missed call after viewed them in “All Calls” and rebooted.
- Fixed DP72x and DP730 cannot display the local-stored contact name when received incoming to a parallel mode account.
- Fixed DP7xx intercom call will fail if the SIP proxy is configured.
- Fixed DP72x and DP730 RSK display as “Silent” instead of “Open” when receiving GDS calls that the caller ID is stored in Contacts.

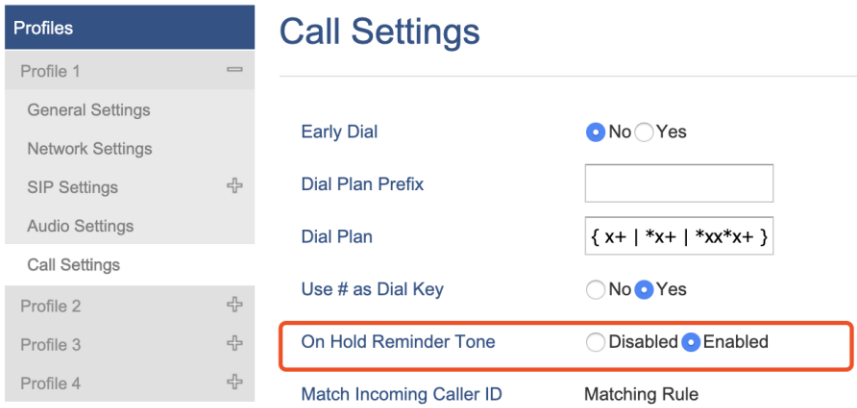
NEW FEATURES OVERVIEW

This section lists major new features and describes how to use it from the user’s point of view.

ON HOLD REMINDER TONE

- **Functionality**

DP75x now support disable or enable “On Hold Reminder Tone”, to set this, please go to Web UI -> Profile x -> Call Settings -> On Hold Reminder Tone.



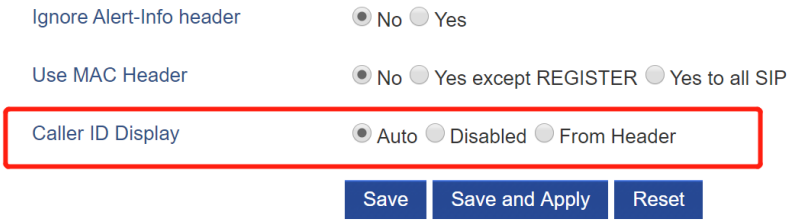
- **New P Values**

Pvalue	Alias	Description	Value range	Default
26006 26106 26206 26306	profile.1.call.on_hold_reminder_tone profile.2.call.on_hold_reminder_tone profile.3.call.on_hold_reminder_tone profile.4.call.on_hold_reminder_tone	Plays a reminder tone when you have a call on hold	0 – Disabled 1 – Enabled	1

CALLER ID DISPLAY

- **Functionality**

DP75x now support to configure “Caller ID Display”, to set this, please go to Web UI -> Profile x -> SIP Settings -> Basic Settings -> Caller ID Display.



- **New P Values**

Pvalue	Alias	Description	Value range	Default
2324 2424 2524 2624	profile.1.sip.caller.id_display profile.2.sip.caller.id_display profile.3.sip.caller.id_display profile.4.sip.caller.id_display	When set to "Auto", the phone will look for the caller ID in the order of P-Asserted Identity Header, Remote-Party-ID Header and From Header in the incoming SIP INVITE. When set to "Disabled", all incoming calls are displayed with "Unavailable".	0 – Auto 1 – Disabled 2 – From Header	0