# 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 1.0.21.4 (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

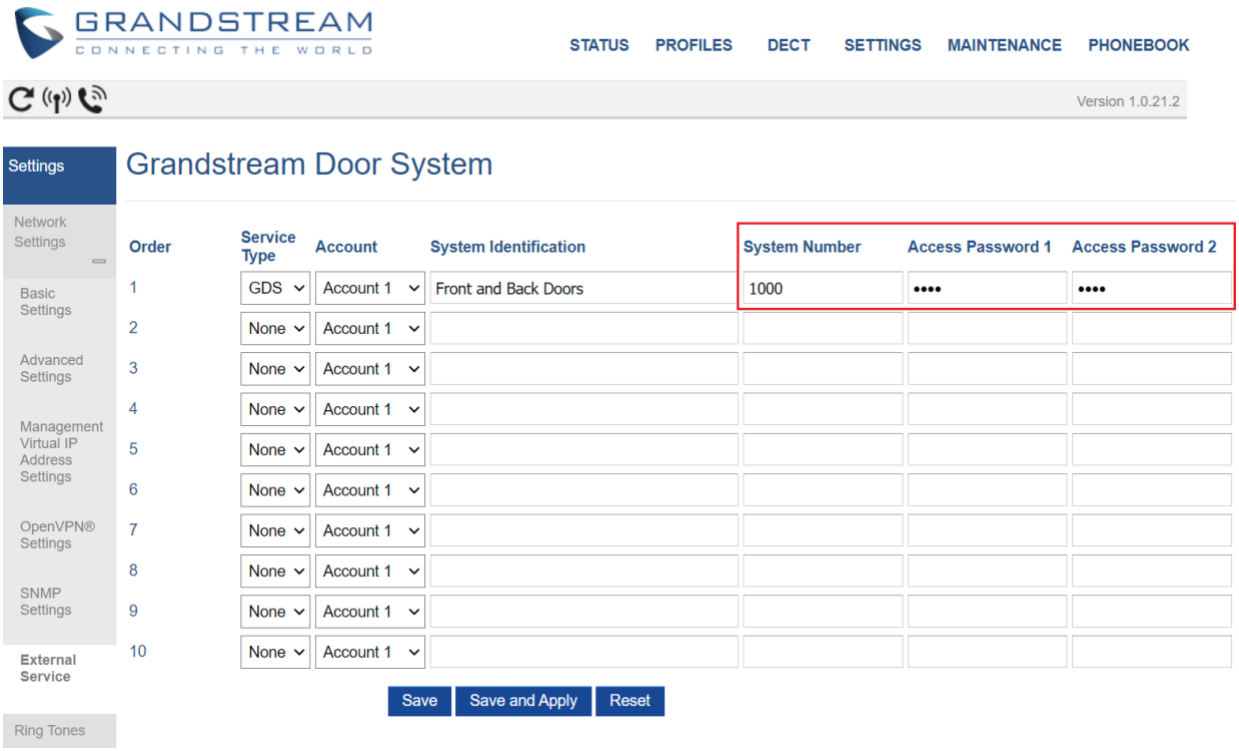
| P Value | Alias | Value Range | Default |
|---|---|---|---|
| P42916 | external_service.password.11 | String | Null |
| P42919 | external_service.password.12 | Max. Length = 32byte | Empty |
| P42922 | external_service.password.13 | | |
| P42925 | external_service.password.14 | | |
| P42928 | external_service.password.15 | | |
| 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]<br>1: Disable Symmetric Encryption RC4/DES/3DES<br>2: Disable Symmetric Encryption SEED<br>3: Disable All Weak Symmetric Encryption<br>4: Disable Symmetric Authentication MD5<br>5: Disable All Weak TLS Ciphers Suites | 0 |

## UPDATED P-VALUE

| P Value | Alias | Value Range | Default |
|---|---|---|---|
| P60056<br>P60156<br>P60256<br>P60356 | profile.1.network.dns.failback.expiration<br>profile.2.network.dns.failback.expiration<br>profile.3.network.dns.failback.expiration<br>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”

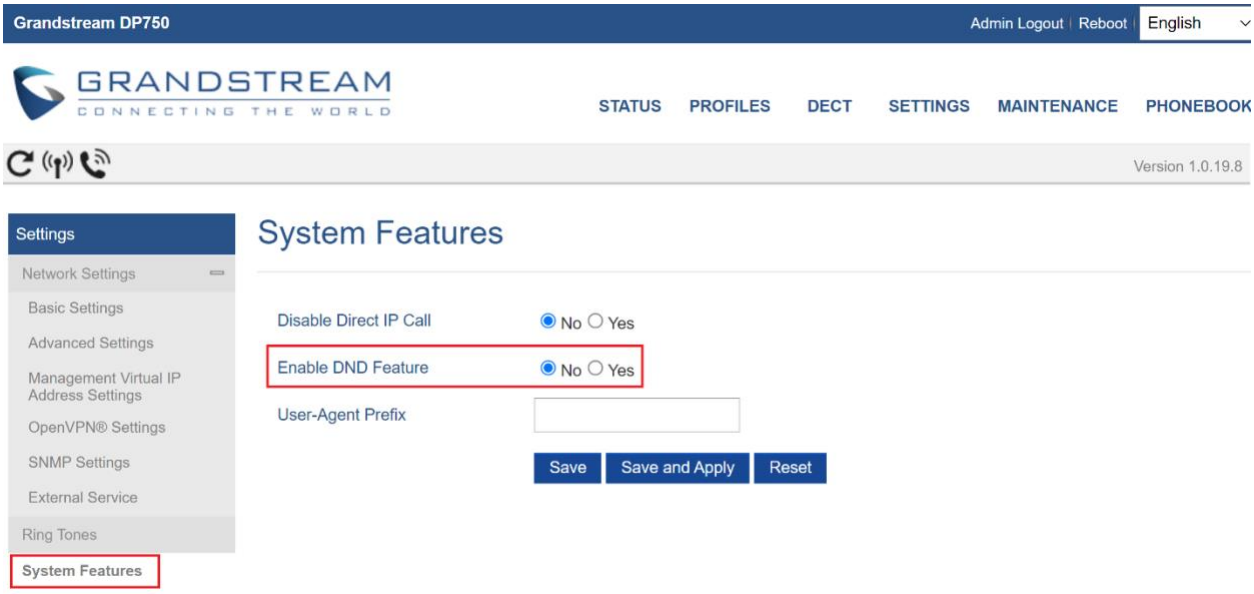
- **Functionality**

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”:

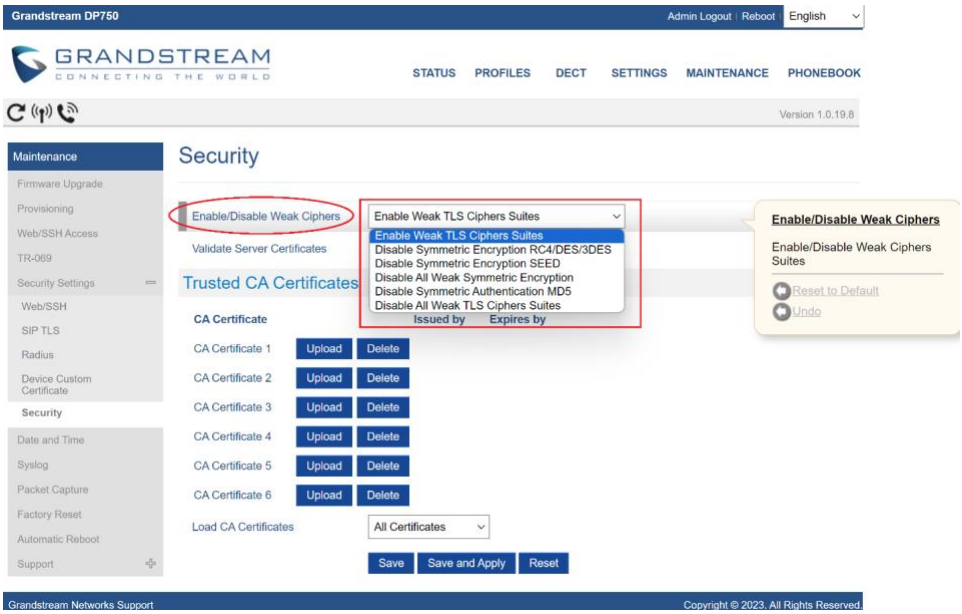



## ENHANCED SECUIRTY WITH SSL MEDIUM STRENGTH CIPHER SUITES

- **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”:

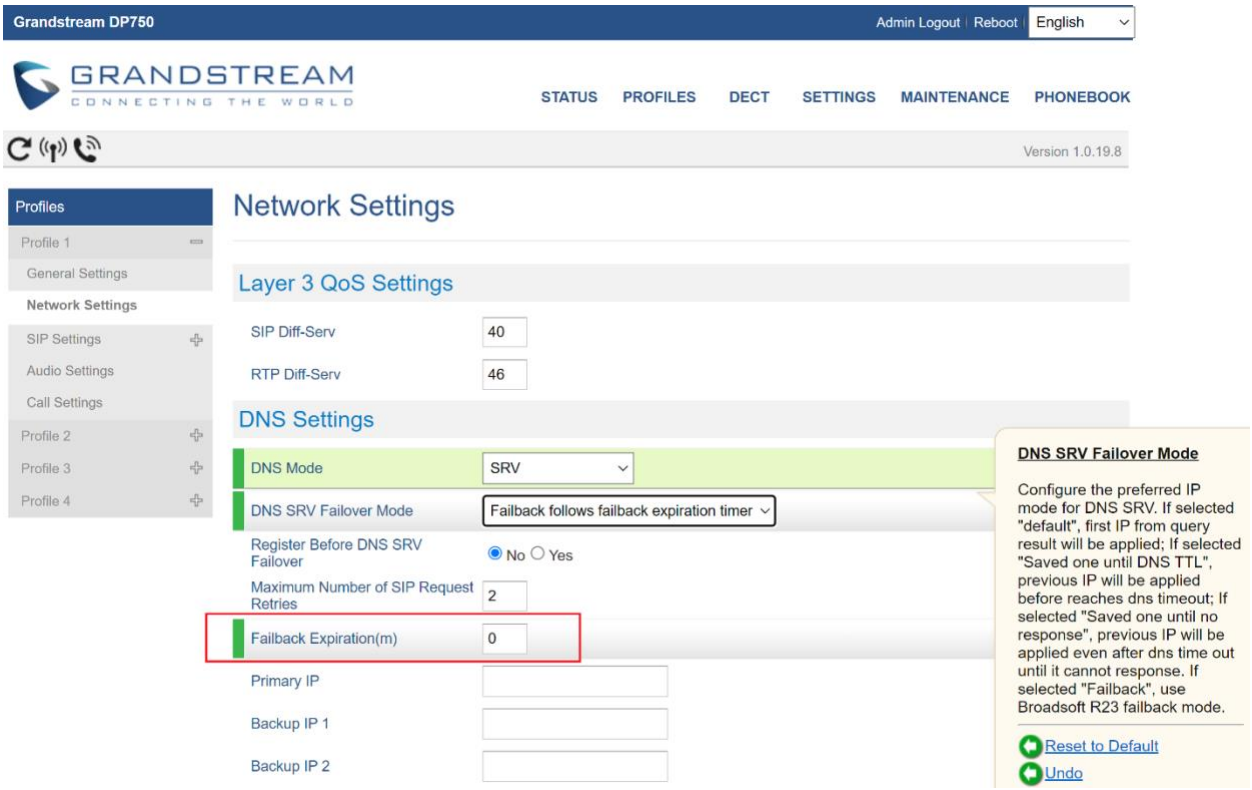


## ADDED ALLOW FAILBACK TIMER "0"

- **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: 5e04c51503d8298908404519f8377505

*（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<br>P443<br>P543<br>P643 | profile.1.audio.srtp_mode<br>profile.2.audio.srtp_mode<br>profile.3.audio.srtp_mode<br>profile.4.audio.srtp_mode | 0 – 4<br>(New value “3: Optional” added) | 0 |
| P198<br>P767<br>P567<br>P624 | profile.1.sip.special_feature<br>profile.2.sip.special_feature<br>profile.3.sip.special_feature<br>profile.4.sip.special_feature | 100 -1000<br>(New value “140: Kandy” added) | |

## NEW FEATURES OVERVIEW

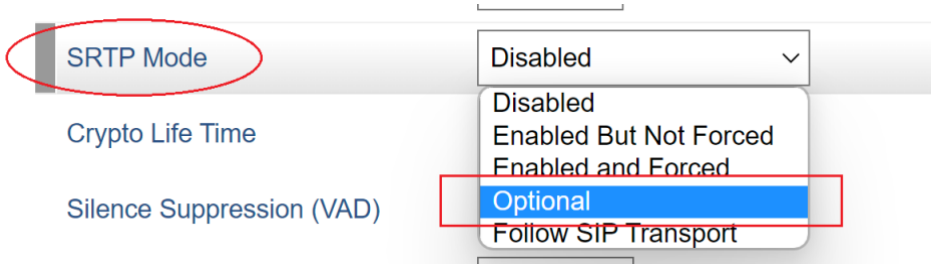
This section lists major new features and describes how to use it from the user’s point of view.

## 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:

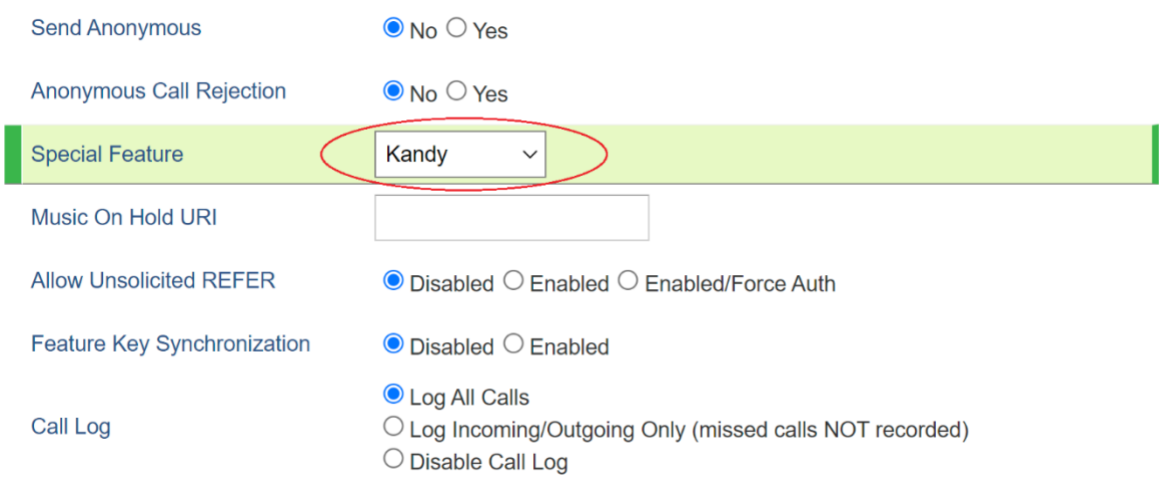



## ADD SPECIAL FEATURE MODE “KANDY”

- **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.

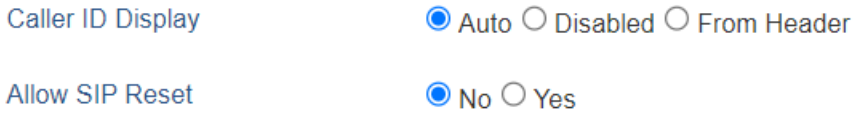
## NEW FEATURES OVERVIEW

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<br>26115<br>26215<br>26315 | profile.1.sip.allowSipReset<br>profile.2.sip.allowSipReset<br>profile.3.sip.allowSipReset<br>profile.4.sip.allowSipReset | Allow SIP Notification message to perform factory reset | 0 – No<br>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 '~'

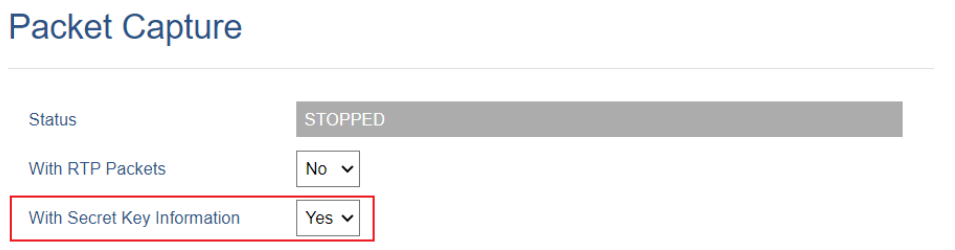
## NEW FEATURES OVERVIEW

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<br>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.

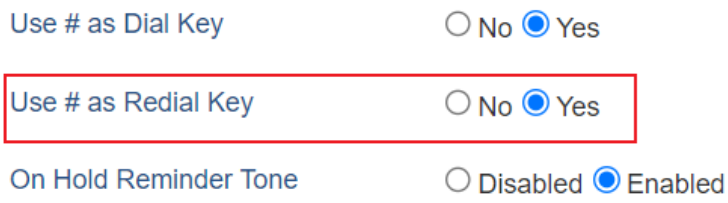
## NEW FEATURES OVERVIEW

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.



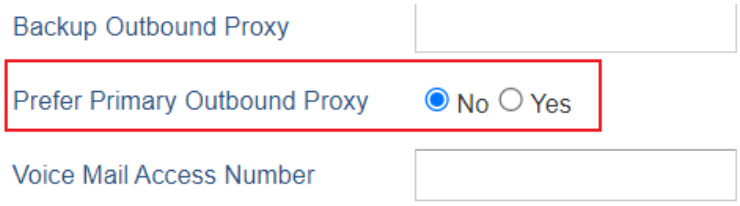

- **New P Values**

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



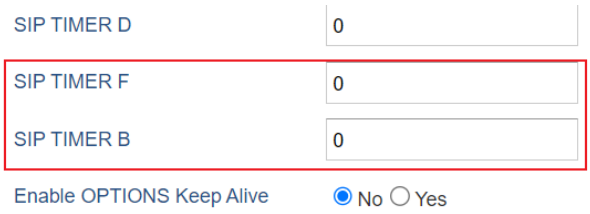

- **New P Values**

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



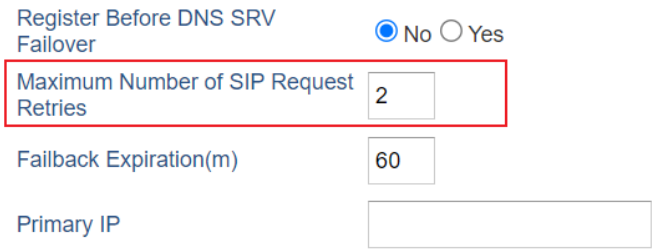

- **New P Values**

| Pvalue | Alias | Description | Value range | Default |
|---|---|---|---|---|
| 60075<br>60175<br>60275<br>60375 | profile.1.sip.timerf.interval<br>profile.2.sip.timerf.interval<br>profile.3.sip.timerf.interval<br>profile.4.sip.timerf.interval | Configure the F-timer Timeout | Number:<br>0 – 128<br>(second(s)) | 0 |
| 60074<br>60174<br>60274<br>60374 | profile.1.sip.timerb.interval<br>profile.2.sip.timerb.interval<br>profile.3.sip.timerb.interval<br>profile.4.sip.timerb.interval | Configure the B-timer Timeout | Number:<br>0 – 128<br>(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<br>60155<br>60255<br>60355 | profile.1.network.sip.number_of_retries<br>profile.2.network.sip.number_of_retries<br>profile.3.network.sip.number_of_retries<br>profile.4.network.sip.number_of_retries | Number of SIP retries before DNS failover | Number:<br>0 – 10 | 2 |

## FAILBACK EXPIRATION

- **Functionality**

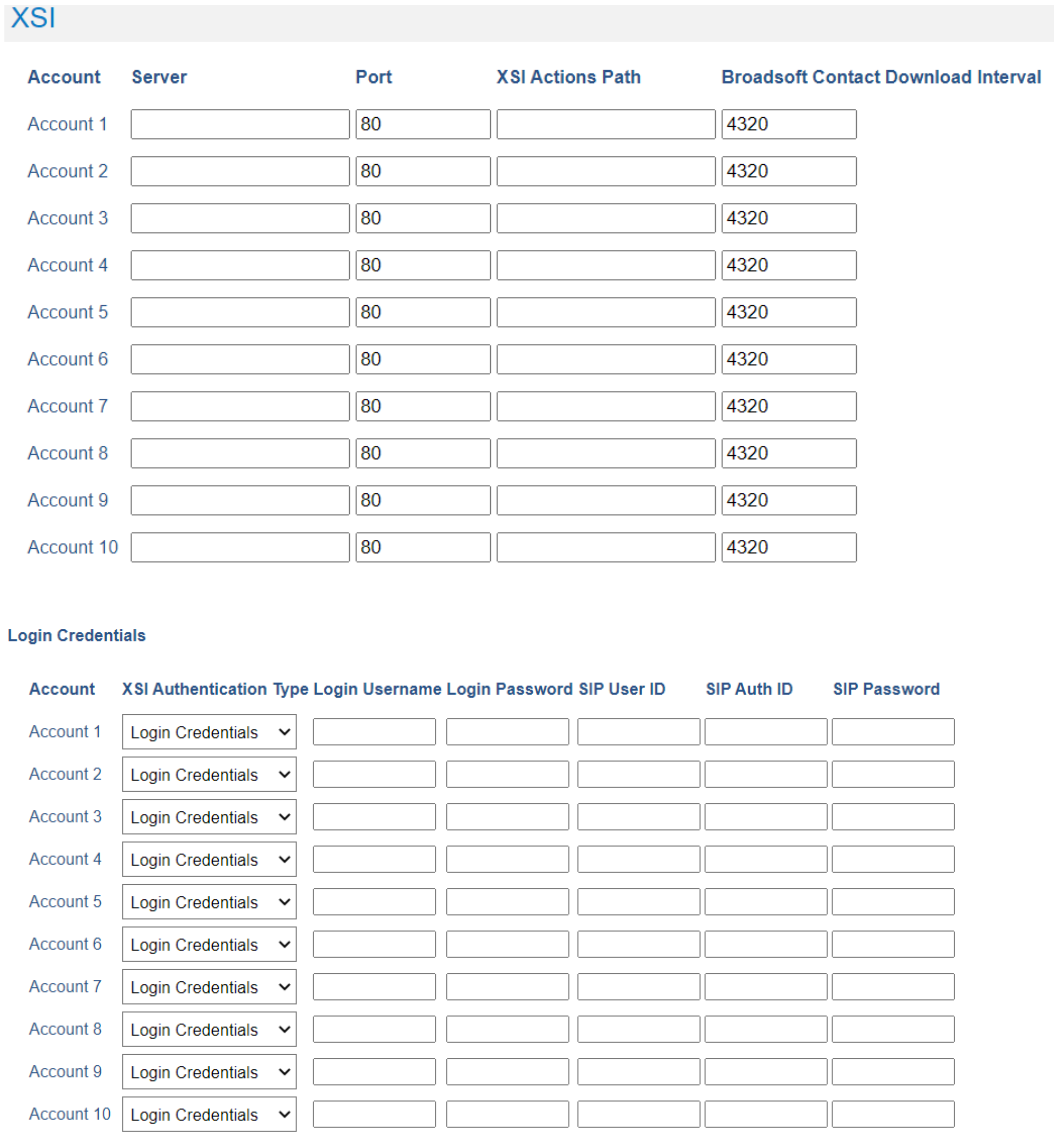
The device now supports to configure failback expiration, which is the expiration time in minutes when using BroadSoft R23 failback mode. The setting can be found at Profiles -> Profile x -> Network Settings -> DNS Settings. By default, the value is 60.

| Pvalue | Alias | Description | Value range | Default |
|---|---|---|---|---|
| 60056<br>60156<br>60256<br>60356 | profile.1.network.dns.failback.expiration_timer<br>profile.2.network.dns.failback.expiration_timer<br>profile.3.network.dns.failback.expiration_timer<br>profile.4.network.dns.failback.expiration_timer | Expiration time in minutes when using BroadSoft R23 failback mode | Number:<br>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<br>1597<br>1603<br>1609<br>1615<br>1621<br>1627<br>1633<br>1639<br>1645 | broadsoft.xsi.server.1<br>broadsoft.xsi.server.2<br>broadsoft.xsi.server.3<br>broadsoft.xsi.server.4<br>broadsoft.xsi.server.5<br>broadsoft.xsi.server.6<br>broadsoft.xsi.server.7<br>broadsoft.xsi.server.8<br>broadsoft.xsi.server.9<br>broadsoft.xsi.server.10 | Broadsoft XSI Server address with protocol. | Number: 0,1,2<br>0 - Login Credentials,<br>1 - SIP Credentials,<br>2 - Match SIP Account. | 0 |

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

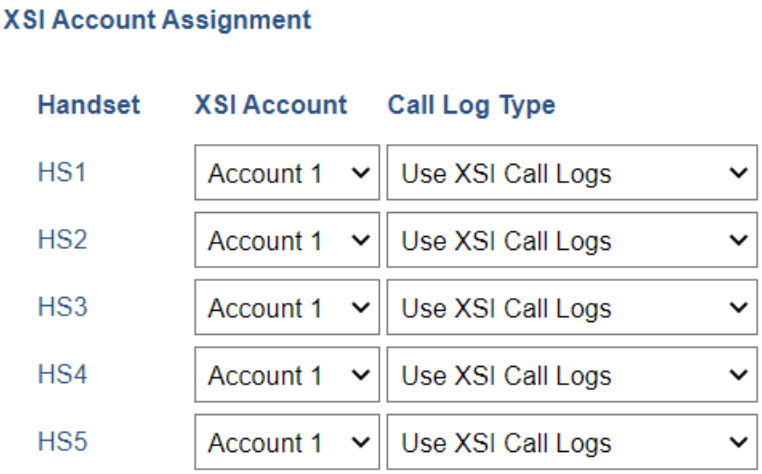
| | | | | |
|---|---|---|---|---|
| 1593<br>1599<br>1605<br>1611<br>1617<br>1623<br>1629<br>1635<br>1641<br>1647 | broadsoft.xsi.username.1<br>broadsoft.xsi.username.2<br>broadsoft.xsi.username.3<br>broadsoft.xsi.username.4<br>broadsoft.xsi.username.5<br>broadsoft.xsi.username.6<br>broadsoft.xsi.username.7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

| | | | | |
|---|---|---|---|---|
| 27927<br>27928<br>27929<br>27930<br>27931<br>27932<br>27933<br>27934<br>27935<br>27936 | broadsoft.xsi.SIPPassword.1<br>broadsoft.xsi.SIPPassword.2<br>broadsoft.xsi.SIPPassword.3<br>broadsoft.xsi.SIPPassword.4<br>broadsoft.xsi.SIPPassword.5<br>broadsoft.xsi.SIPPassword.6<br>broadsoft.xsi.SIPPassword.7<br>broadsoft.xsi.SIPPassword.8<br>broadsoft.xsi.SIPPassword.9<br>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<br>27958<br>27959<br>27960<br>27961 | broadsoft.xsi.handset.1<br>broadsoft.xsi.handset.2<br>broadsoft.xsi.handset.3<br>broadsoft.xsi.handset.4<br>broadsoft.xsi.handset.5 | XSI Account Assignment | Number:<br>1 to 10.<br>1 - Account 1,<br>2 - Account 2,<br>3 - Account 2,<br>4 - Account 4,<br>5 - Account 5,<br>6 - Account 6,<br>7 - Account 7, | 1 |

| | | | | |
|---|---|---|---|---|
| | | | 8 - Account 8,<br>9 - Account 9,<br>10 - Account 10. | |
| 27967<br>27968<br>27969<br>27970<br>27971 | broadsoft.xsi.callLogDisplay.1<br>broadsoft.xsi.callLogDisplay.2<br>broadsoft.xsi.callLogDisplay.3<br>broadsoft.xsi.callLogDisplay.4<br>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:<br>0, 1<br>0 - Use Base Station Call Logs,<br>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:<br>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:<br>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:<br>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.

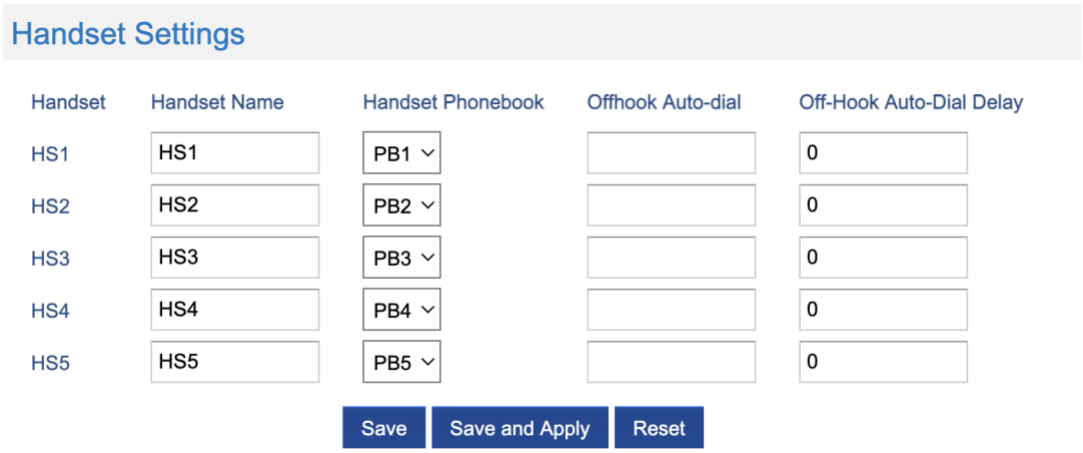
## NEW FEATURES OVERVIEW

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.

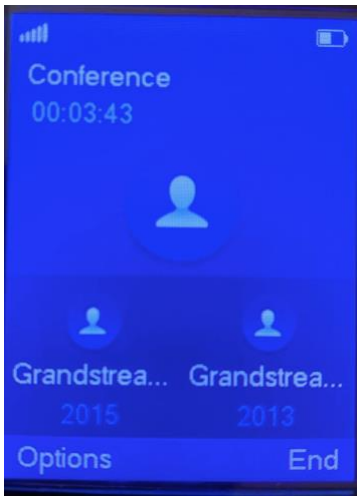


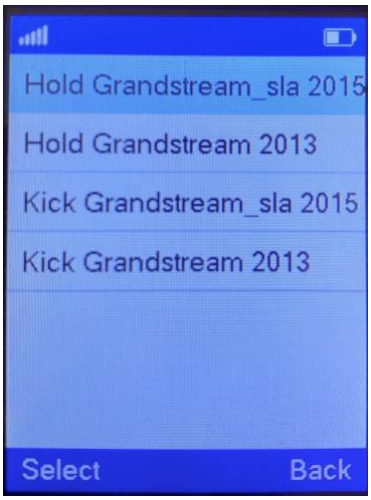

- **New P Values**

| Pvalue | Alias | Description | Value range | Default |
|---|---|---|---|---|
| 2296<br>2496<br>2596<br>2696<br>2796 | handset.1.call.offhook_auto_dial.delay<br>handset.2.call.offhook_auto_dial.delay<br>handset.3.call.offhook_auto_dial.delay<br>handset.4.call.offhook_auto_dial.delay<br>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.

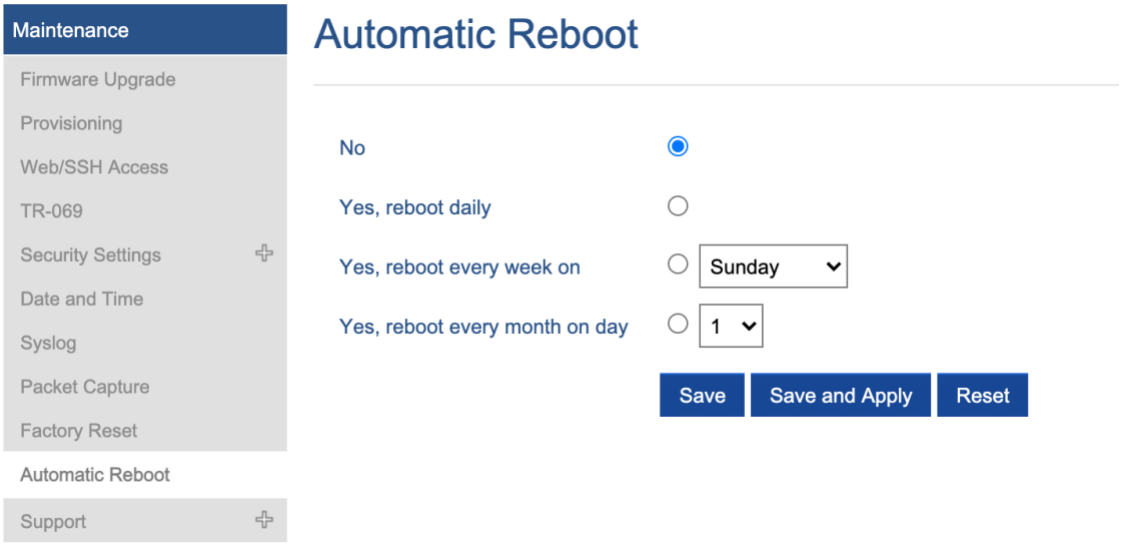
## NEW FEATURES OVERVIEW

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<br>1 – Yes, reboot daily<br>2 – Yes, reboot every week on<br>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.

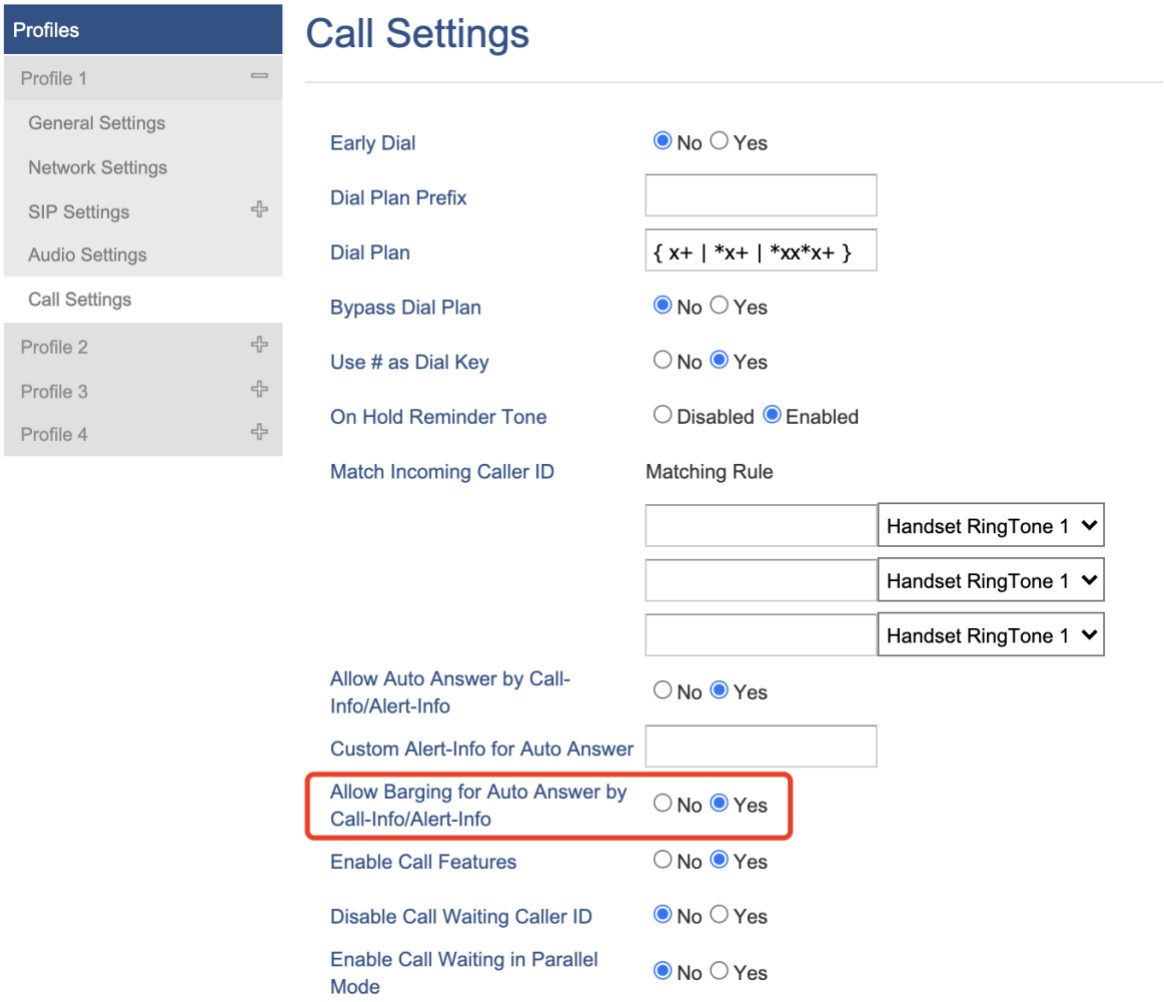
## NEW FEATURES OVERVIEW

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<br>27860<br>27861<br>27862 | profile.1.call.auto_answer.alert_info_barging.allow<br>profile.2.call.auto_answer.alert_info_barging.allow<br>profile.3.call.auto_answer.alert_info_barging.allow<br>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<br>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.

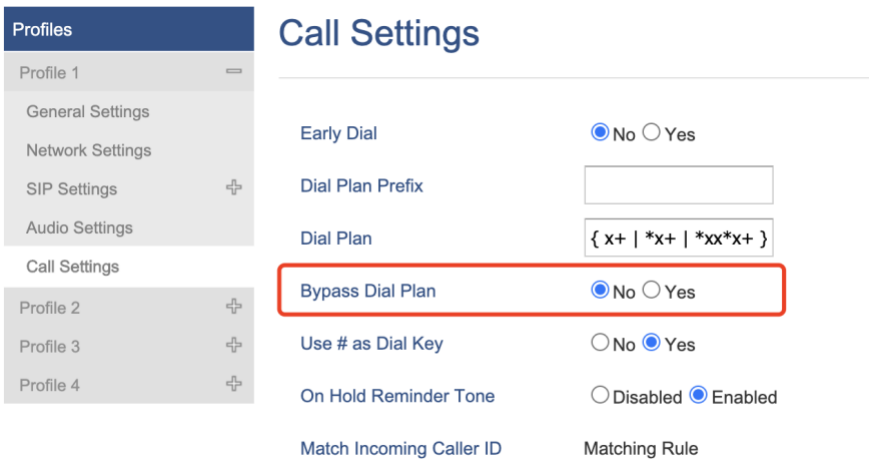
## NEW FEATURES OVERVIEW

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<br>2482<br>2582<br>2682 | profile.1.call.disable_dial_plan<br>profile.2.call.disable_dial_plan<br>profile.3.call.disable_dial_plan<br>profile.4.call.disable_dial_plan | Bypass Dial Plan on selected items | 0 – No<br>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.

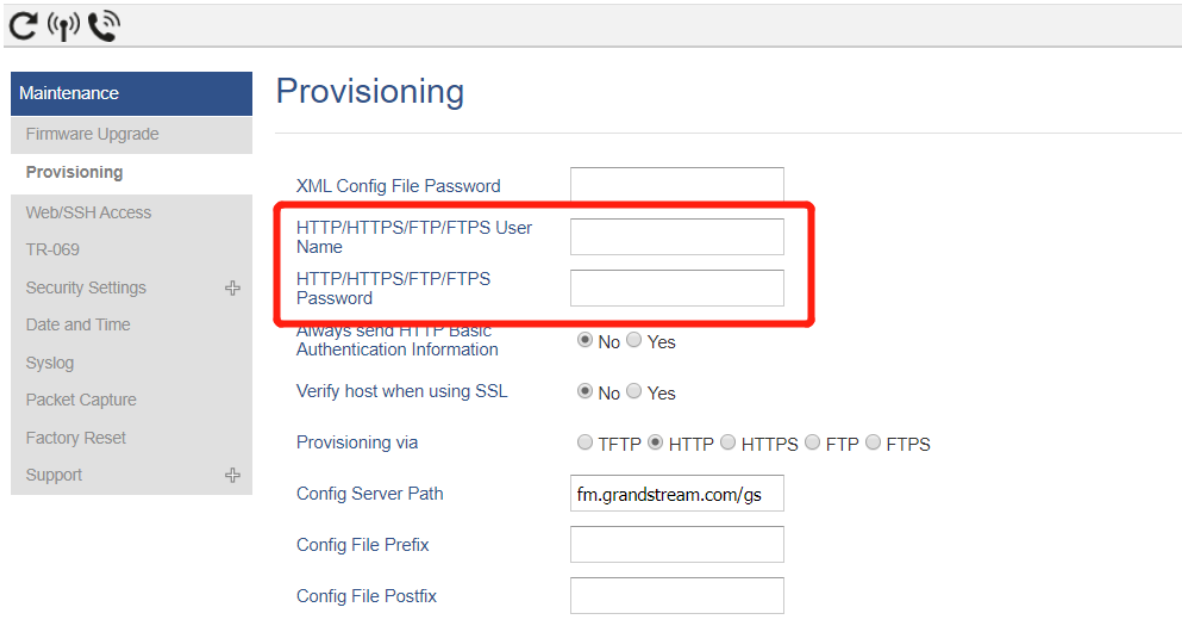
## NEW FEATURES OVERVIEW

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.

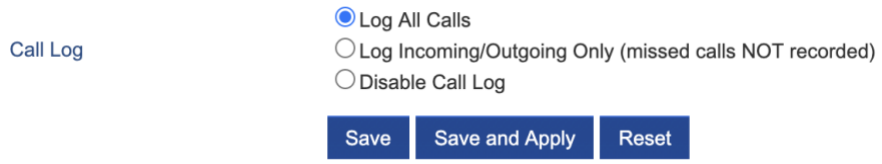



Now it can input the username and password on handset UI when trying to download the config file if these 2 fields is not preconfigured in Web UI.

## 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<br>442<br>542<br>642 | profile.1.call.call_log<br>profile.2.call.call_log<br>profile.3.call.call_log<br>profile.5.call.call_log | Configures Call Log setting on the phone. | 0 – Log All Calls<br>1 – Log Incoming/Outgoing Only (missed call NOT recorded)<br>2 – Disabled Call Log | 0 |

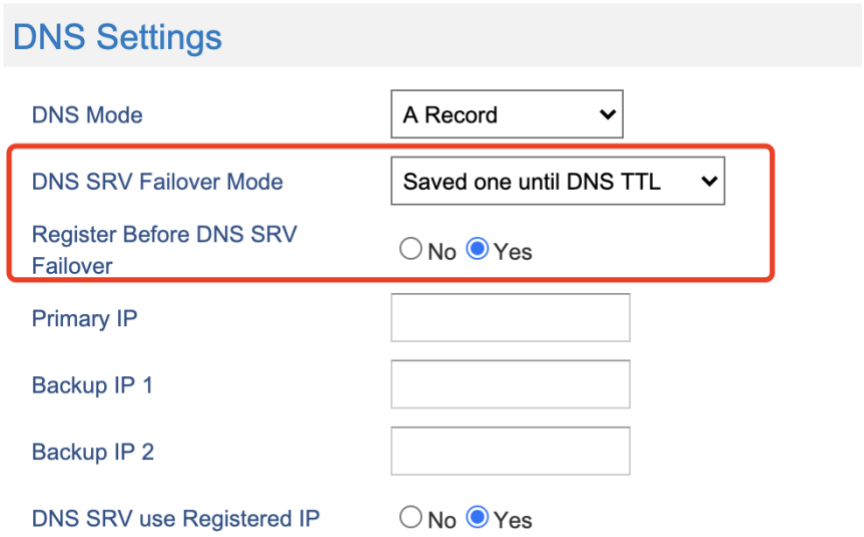
## DNS SRV FAILOVER MODES

- **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<br>26140<br>26240<br>26340 | profile.1.network.dns.srv_failover_mode<br>profile.2.network.dns.srv_failover_mode<br>profile.3.network.dns.srv_failover_mode<br>profile.4.network.dns.srv_failover_mode | Configure the DNS SRV failover mode | 0 – Default<br>1 – Saved one until DNS TTL<br>2 – Saved one until no response | 0 |
| 29095<br>29195<br>29295<br>29395 | profile.1.network.dns.register_before_srv_failover<br>profile.2.network.dns.register_before_srv_failover<br>profile.3.network.dns.register_before_srv_failover<br>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<br>1 – Yes | 0 |

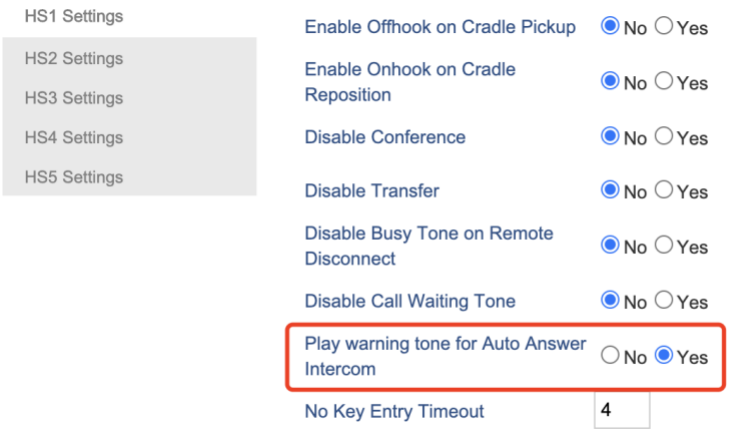
## WARNING TONE FOR AUTO ANSWER

- **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<br>26172<br>26272<br>26372<br>26472 | handset.1.call.play_warning_tone_for_auto_answer.enable<br>handset.2.call.play_warning_tone_for_auto_answer.enable<br>handset.3.call.play_warning_tone_for_auto_answer.enable<br>handset.4.call.play_warning_tone_for_auto_answer.enable<br>handset.5.call.play_warning_tone_for_auto_answer.enable | When enabled, phone will play warning tone when auto answer Intercom | 0 – No<br>1 – Yes | 0 |

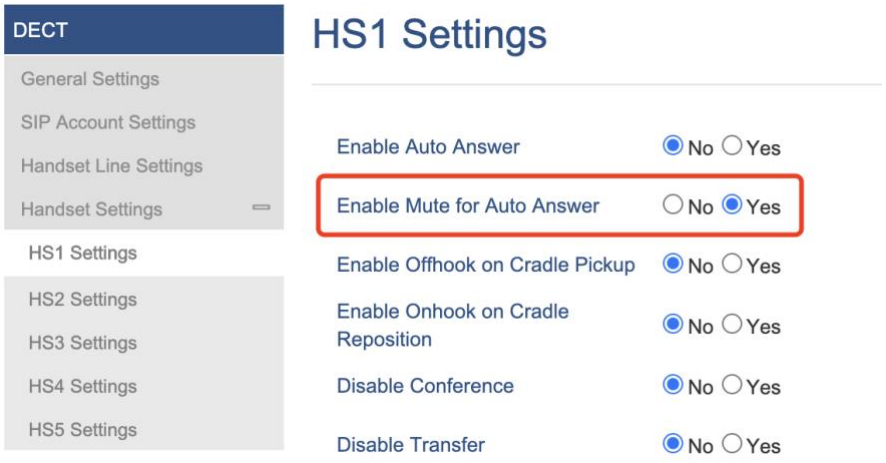
## AUTO MUTE FOR AUTO ANSWER

- **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<br>27845<br>27846<br>27847<br>27848 | handset.1.call.auto_mute_for_auto_answer.enable<br>handset.2.call.auto_mute_for_auto_answer.enable<br>handset.3.call.auto_mute_for_auto_answer.enable<br>handset.4.call.auto_mute_for_auto_answer.enable<br>handset.5.call.auto_mute_for_auto_answer.enable | Enable mute when handset is auto answering | 0 – No<br>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.

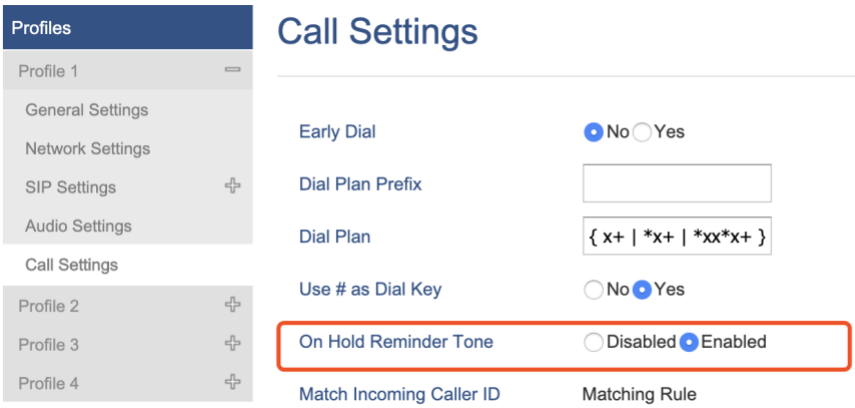
## NEW FEATURES OVERVIEW

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.



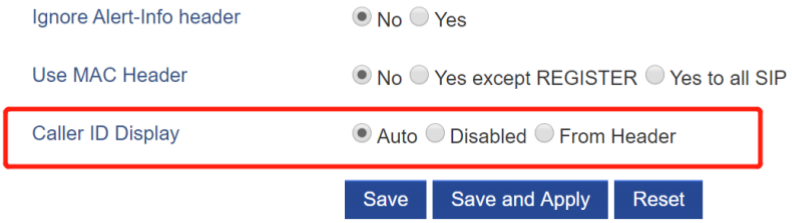

- **New P Values**

| Pvalue | Alias | Description | Value range | Default |
|---|---|---|---|---|
| 26006<br>26106<br>26206<br>26306 | profile.1.call.on_hold_reminder_tone<br>profile.2.call.on_hold_reminder_tone<br>profile.3.call.on_hold_reminder_tone<br>profile.4.call.on_hold_reminder_tone | Plays a reminder tone when you have a call on hold | 0 – Disabled<br>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<br>2424<br>2524<br>2624 | profile.1.sip.caller.id_display<br>profile.2.sip.caller.id_display<br>profile.3.sip.caller.id_display<br>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<br>1 – Disabled<br>2 – From Header | 0 |