GRP2601(P)/2602(P/W)/2603(P)/2604(P)

Firmware Release Notes

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FIRMWARE VERSION 1.0.3.57

PRODUCT NAME

GRP2601(P), GRP2602(P/W), GRP2603(P), GRP2604(P)

DATE

04/25/2022

FIRMWARE FILE INFORMATION

- Firmware file name: grp2600fw.bin

  MD5: 91ceadc3dc6cd52954795fe07c9919eb

ENHANCEMENT

- Added Support to display the contacts when pressing the idle screen softkey “LDAP Search” before the search
- Added Support of Input Method for Contacts and LDAP [INPUT METHOD]
- Added Support of Remote Phonebook as a call screen softkey
- Added Support of GDS OpenDoor mode for MPK
- Added Support to set distinctive ringtone based on alert-info string syntax
- Improved Broadsoft call park indication by adding both display and sound notification
- Added Support to register to multiple servers

BUG FIX

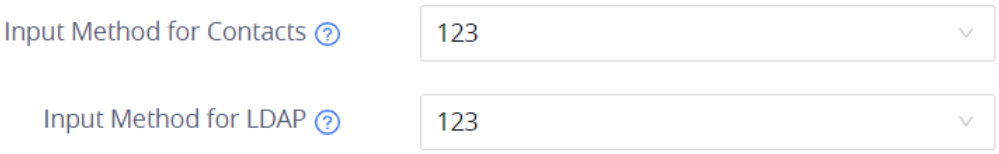
- Fixed Device doesn't display number of instant messages
- Fixed Device codec OPUS issue
- Fixed Device doesn’t identify the parked user on a monitored user
- Fixed Device LDAP display name issue if setting LDAP Mail Attributes only
- Fixed Device plays busy tone after ending a call via click-to-dial
- Fixed Device LCD does not display correct firmware version after manually uploading the firmware to upgrade
- Fixed Device still uses SRTP when receiving both RTP and SRTP in re-invite, but also with SRTP mode set to disabled
- Updated Device tooltip for Hidden Number Features
- Fixed After device factory reset, 3CX Management Console doesn't get correct IP address
- Fixed Device hold softkey issue when it fails to add members into a conference
- Fixed Device 802.1x client certificate doesn’t be updated in real time
- Fixed 3CX uaCSTA issues after Device switches to TCP

NEW FEATURES OVERVIEW

INPUT METHOD

- **Web Configuration**

This option can be found under device web UI→ System Settings→ Input Method:



- **Functionality**

This feature allows users to set the input method for contacts and LDAP.

- **Pvalues**

Pvalue	Description	Value Range	Default
22465	<New Pvalue> Input Method for Contacts	Value = 0; 123 Value = 1; abc Value = 2; ABC Value = 3; Ab2 Value = 4; Q9	123
22466	<New Pvalue> Input Method for LDAP	Value = 0; 123 Value = 1; abc Value = 2; ABC Value = 3; Ab2 Value = 4; Q9	123

FIRMWARE VERSION 1.0.3.51

PRODUCT NAME

GRP2601(P), GRP2602(P/W), GRP2603(P), GRP2604(P)

DATE

03/23/2022

FIRMWARE FILE INFORMATION

- Firmware file name: grp2600fw.bin

  MD5: e72f3b1532f9f19b84fb14e5a7c3e67c

ENHANCEMENT

- Added Support the LDAP filter used for email lookups [LDAP MAIL FILTER]
- Added Support of an alert tone when device is initiating a multicast paging
- Added Support to have both header and name/number displayed on LCD screen

BUG FIX

- Fixed Device delay stablishing the call when Primary SIP Server is down
- Fixed Device doesn't trigger registration request once NET is up
- Fixed Device doesn’t play ringback tone to remote party when establishing local 3-way conference call before answering
- Fixed Device randomly crash issue when dealing with SIP 183 scenarios
- Fixed Device prompt displays network error and does not register account o provision with 3CX
- Fixed Device randomly displays “Internal Error” and generates core dump
- Fixed Device cannot go back to idle screen after staying in diagnosis mode for more than one minute
- Fixed Device responses 200 with wrong port if UCM send notify twice
- Fixed When direct IP dialing is enabled, pressing # cannot redial in the keypad lock interface
- Fixed Device sends reply to wrong SIP port for SIP Notify from UCM

NEW FEATURES OVERVIEW

LDAP MAIL FILTER

- **Web Configuration**

This option can be found under device web UI→Application→LDAP:

- **Functionality**

LDAP Mail Filter configures the filter used for email lookups. Examples:(|(mail=%)(mailBox=%)) returns all records which has the “mail“ or “mailBox“ field containing the entered filter value;(!(mail=%)) returns all the records which do not have the “mail“ field containing the entered filter value;(&(mail=%) (cn=*)) returns all the records with the “mail“ field containing the entered filter value and “cn“ field set.

LDAP Mail Attributes specifies the “mail“ attributes of each record which are returned in the LDAP search result. This field allows users to configure multiple space separated email attributes.

- **Pvalues**

Pvalue	Description	Value Range	Default
8039	<New Pvalue> LDAP Mail Filter	String	NULL
8038	<New Pvalue> LDAP Mail Attributes	String	NULL

FIRMWARE VERSION 1.0.3.44

PRODUCT NAME

GRP2601(P), GRP2602(P/W), GRP2603(P), GRP2604(P)

DATE

02/13/2022

FIRMWARE FILE INFORMATION

- Firmware file name: grp2600fw.bin

  MD5: 5caf53788581b4b19ff421fafc4ec513

ENHANCEMENT

- Added Support to adjust speaker ring volume [SPEAKER RING VOLUME]
- Added Support of an alert tone when a multicast paging is received

BUG FIX

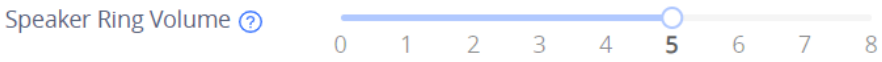
- Fixed Device prompt is incorrect when the number of added contacts is full

NEW FEATURES OVERVIEW

SPEAKER RING VOLUME

- **Web Configuration**

This option can be found under device web UI→ System Settings→ Preferences→Audio Control.



- **Functionality**

Configures speaker ring volume. The valid range is 0 to 8.

- **Pvalues**

Pvalue	Description	Value Range	Default
8352	<New Pvalue> Speaker Ring Volume	0 - 8	4

FIRMWARE VERSION 1.0.3.42

PRODUCT NAME

GRP2601(P), GRP2602(P/W), GRP2603(P), GRP2604(P)

DATE

01/24/2022

FIRMWARE FILE INFORMATION

- Firmware file name: grp2600fw.bin

  MD5: e3e11ed39dce329cb997153de27f8927

ENHANCEMENT

- Added Input language support for Arabic, Catalan, Nederland's, Svenska, Slovakian
- Added Support of DNS & NAT Status display from Device's web UI
- Added Support to access the Wi-Fi network settings on the GRP2602W LCD when the device is in Constraint Mode [WI-FI SETTINGS SECURITY LEVEL]
- Added Ethernet, Wi-Fi and VPN pages in LCD menu network status
- Added Support to customize Device's VPK, MPK and hotkey function from LCD menu
- Added Support to configure UCM user SIP password [UCM USER PASSWORD]
- Improved Device DNS SRV Failover Design
- Added Support for Greek letters input with keypad
- Added Support to use Shared line feature only with primary SIP server, and to use Default mode with secondary SIP server when primary server is down
- Added Support to disable mute key in call feature [ENABLE MUTE KEY IN CALL]
- Added Support of SRTP key length "AEAD AES 256 GCM" crypto
- Added Support of special feature option "Zoom"
- Added Support of TCP Keep-alive for the TCP connection between the terminal and the SIP server [ENABLE TCP KEEP-ALIVE]
- Improved VPK/MPK BLF status
- Added Support "Yerevan" to GMT +04:00 Time zone
- Added Support to send extended DTMF [A,B,C,D] for transfer key
- Updated some of the VPK icons
- Added Support of more detailed network port information
- Improved Device prompt message when the input character of dialing rule exceeds the length limit
- Improved Presence Watcher icon status to distinguish different phone status
- Added Support of RTCP keep-alive method [RTCP KEEP-ALIVE METHOD]
- Added Support of RTP keep-alive method [RTP KEEP-ALIVE METHOD]

- Added Ability to customize keypad to lock when phone is idle or in call [CUSTOMIZED KEYPAD LOCK]

BUG FIX

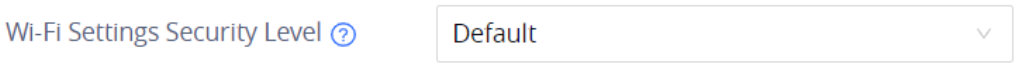
- Fixed Device web configuration failed to save after enabling Test Password Strength option
- Fixed The incomplete display of "download XML file..." in the language Download Interface in Japanese
- Fixed Device LCD menu Setting page display issue in Traditional Chinese
- Fixed Device Web UI VPK/MPK display abnormal in Arabic
- Fixed Device CTI cannot get connected after swapping accounts
- Fixed Device LCD menu only displays one IPv6 address when it gets two IPv6 addresses
- Fixed Device cannot download language after the language path is configured
- Fixed Device OpenVPN certificate uploading issue
- Fixed Device Register Before DNS SRV Failover not working on receiving 503
- Fixed Device LCD LDAP search box display issue after searching a long value
- Fixed Device syslog SIP logs are truncated
- Fixed Device DHCP Option 150 cannot handle multiple Ips
- Fixed Device enables Shared line feature when received "line-size" allow-events from server even if the feature is disabled on the phone
- Fixed Device LCD language cannot be changed after continuous language switching from LCD menu
- Fixed Device Call Park / Monitored Call Park VPK does not display remote status
- Fixed Device BLF VPK display error when Hide BLF Remote Status is enabled
- Fixed Device cannot make a call when line-seize failed in SCA mode
- Fixed Device works abnormal after inputting Greek character Ω several times
- Fixed Click to dial contact ignores some special character
- Fixed Device call forward to default value on UCM platform is not synchronized
- Fixed Device outbound notification XMPP didn't work
- Fixed Device does not reconnect TCP when device keep-alive fails
- Fixed Device DHCP DNS resolution logic does not work correctly when Option 15 is enabled
- Fixed Device doesn’t connect the 802.1X SSID issue
- Fixed Device GMT-03:00 (Brazil, Sao Paulo) time zone issue

NEW FEATURES OVERVIEW

WI-FI SETTINGS SECURITY LEVEL

- **Web Configuration**

This option can be found under device web UI→ System Settings→ Security Settings.



- **Functionality**

Configure the password inquiry for Wi-Fi settings. If set to "Default", Password is needed when configuration via keypad menu is not Unrestricted. If set to "Always Require Password", Password is needed no matter what configuration via keypad menu mode is. If set to "No password Required", No password is needed no matter what configuration via keypad menu mode is.

- **Pvalues**

Pvalue	Description	Value Range	Default
22460	<New Pvalue> Wi-Fi Settings Security Level	Value = 0; Default Value = 1; Always Require Password Value = 2; No Password Required	Default

UCM USER PASSWORD

- **Web Configuration**

This option can be found under device web UI→ Accounts→ Account X→General Settings.

- **Functionality**

Configure UCM user login password to connect UCM user settings

- **Pvalues**

Pvalue	Description	Value Range	Default
60061,60161,60261,60361,60461,60561	<New Pvalue> UCM User Password	String	NULL

ENABLE MUTE KEY IN CALL

- **Web Configuration**

This option can be found under device web UI→ Phone Settings→Call Settings.

- **Functionality**

When set to "No", the mute key will not work while on call.

- **Pvalues**

Pvalue	Description	Value Range	Default
22441	<New Pvalue> Enable Mute Key In Call	Value = 0; Yes Value = 1; No	Yes

ENABLE TCP KEEP-ALIVE

- **Web Configuration**

This option can be found under device web UI→ Accounts→ Account X→SIP Settings.

- **Functionality**

Configures whether to enable TCP Keep-alive for the TCP connection between the terminal and the SIP server.

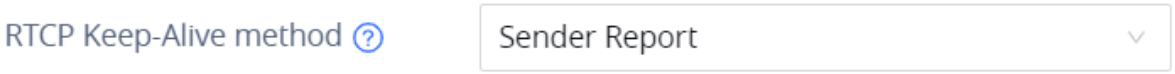
- **Pvalues**

Pvalue	Description	Value Range	Default
60065,60165,60265, 60365,60465,60565	<New Pvalue> Enable TCP Keep-alive	Value = 0; No Value = 1; Yes	Yes

RTCP KEEP-ALIVE METHOD

- **Web Configuration**

This option can be found under device web UI→ Account x→Codec Settings.



- **Functionality**

Configures the RTCP channel keep-alive packet type. If set to "Receiver Report", the RTCP channel will sends "receiver report+source description+RTCP extension" as keep-alive data. If set to "Sender report", the RTCP channel will sends "Sender report+source description+ RTCP extension" as keep-alive data.

- **Pvalues**

Pvalue	Description	Value Range	Default
60066,60166,60266, 60366,60466,60566	<New Pvalue> RTCP Keep-Alive method	Value = 1; Receiver Report Value = 2; Sender Report	Receiver Report

RTP KEEP-ALIVE METHOD

- **Web Configuration**

This option can be found under device web UI→ Account x→Codec Settings.

- **Functionality**

Configures the RTP channel keep-alive packet type. If set to "No", no data will be sent. If set to "RTP version 1", the wrong version infor "1" will be carried when sending RTP data packets.

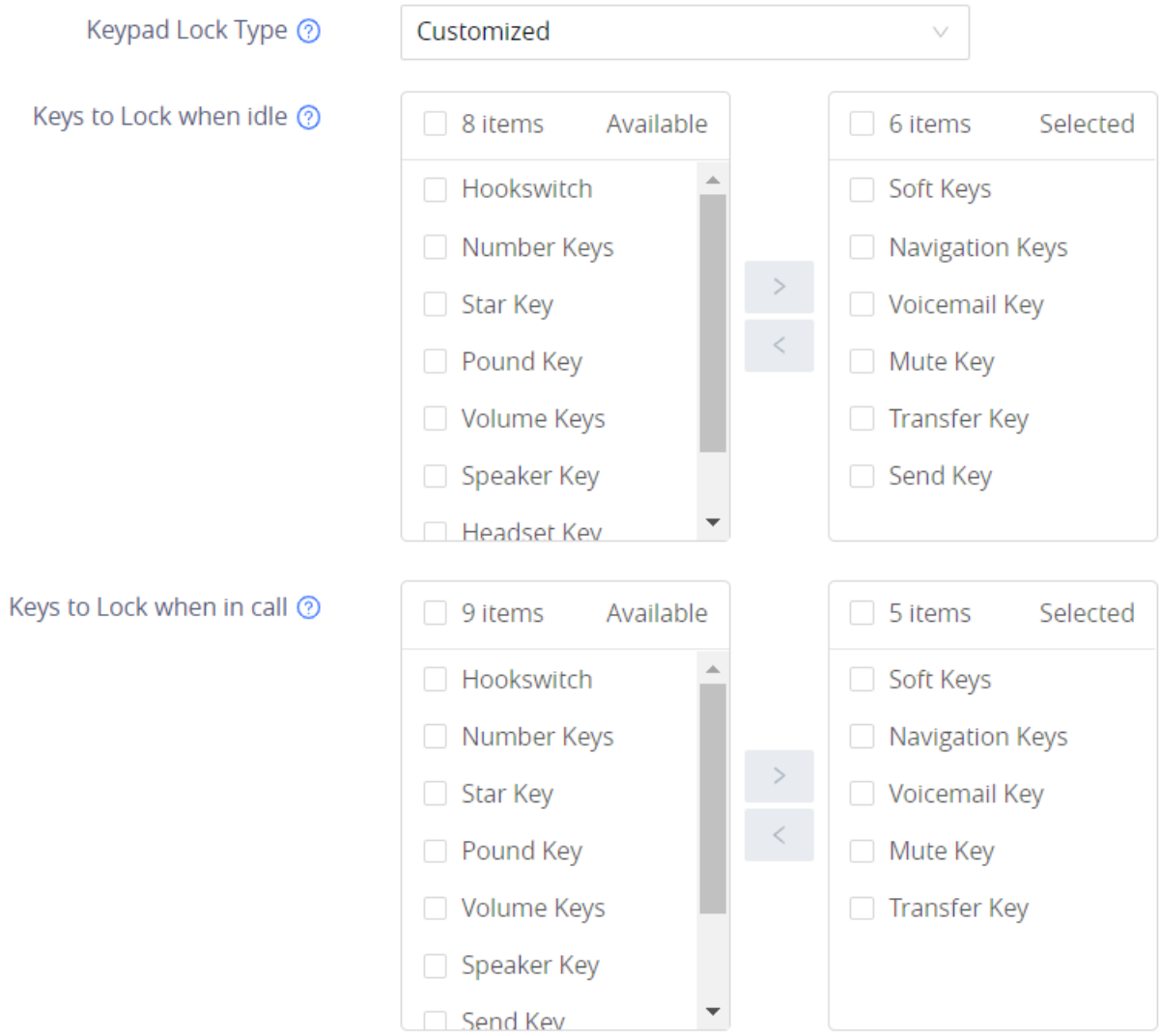
- **Pvalues**

Pvalue	Description	Value Range	Default
60067,60167,60267, 60367,60467,60567	<New Pvalue> RTP Keep-Alive method	Value = 1; RTP Version 1 Value = 0; No	RTP Version 1

CUSTOMIZED KEYPAD LOCK

- **Web Configuration**

This option can be found under device web UI→System Settings→Security Settings→Keypad Lock.



- **Functionality**

When “Keypad Lock Type” is set to “Customized”, the keys will be locked based on the user configuration.

- **Pvalues**

Pvalue	Description	Value Range	Default

22462	<New Pvalue> Keys to Lock when idle	SoftKeys,NavigationKeys,VoicemailKey,MuteKey,TransferKey,SendKey,Hookswitch,NumberKeys,StarKey,PoundKey,VolumeKeys,SpeakerKey,HeadsetKey,LineKeys	SoftKeys,NavigationKeys,VoicemailKey,MuteKey,TransferKey,SendKey
22463	<New Pvalue> Keys to Lock when in call	SoftKeys,NavigationKeys,VoicemailKey,MuteKey,TransferKey,Hookswitch,NumberKeys,StarKey,PoundKey,VolumeKeys,SpeakerKey,SendKey,HeadsetKey,LineKeys	SoftKeys,NavigationKeys,VoicemailKey,MuteKey,TransferKey

FIRMWARE VERSION 1.0.3.31

PRODUCT NAME

GRP2601(P), GRP2602(P/W), GRP2603(P), GRP2604(P)

DATE

12/7/2021

FIRMWARE FILE INFORMATION

- Firmware file name: grp2600fw.bin

  MD5: 955a11bdb61fa496b52ea1b482d14551

ENHANCEMENT

- Added Support of MPK configuration preview
- Added Ability to configure programmable keys via LCD [ALLOW PROGRAMMABLE KEY CONFIGURATION VIA LCD]
- Updated Web UI and LCD display in Chinese language
- Added Support of multiple screens for custom idle screen XML fille
- Updated XML idle screen sample file
- Updated Web UI display in Arabic
- Added Remote Phonebook support in softkey configuration
- Updated Device LCD warning message behavior for Account not registering
- Updated Device behavior that when only 1 account is configured, on-hook VM button does not ask to select account
- Added Alias support for certain Pvalues
- Added Support for WPA3 Wi-Fi security
- Added Support of Rport (RFC 3581) [SUPPORT RPORT (RFC3581)]
- Added Ability to enable DND from web UI [ENABLE DND FROM WEB UI]
- Added Support of Genband server compatibility for BLF
- Added Support of Selection “All For Selection” for Option "Transfer Mode via Programmable Keys"
- Added Ability to remove password requirement during factory reset [FACTORY RESET SECURI LEVEL]
- Added key combination (Softkey1+Down) and call feature code (**02030203**) to do factory reset
- Added "X-Xss-Protection" header in HTTP response
- Added "X-Content-Type-Options" header in HTTP response
- Added HSTS(Strict-Transport-Security) header in HTTP response
- Added CSP(Content-Security-Policy) header and X-Frame-Options header in HTTP response

BUG FIX

- Fixed Device crashes after logging into public mode and filling in the secondary SIP server
- Fixed Device LCD time does not take effect after modifying date/time display format on the web UI
- Fixed Device does not call out if pressing send key in dialing page while keypad is locked
- Fixed Device phonebook downloading issue
- Fixed Device failed to redial after dialing IPv6 IP call
- Fixed Device phonebook blacklist is not synchronized in public mode
- Fixed Device transferring via BLF MPK failed
- Fixed Device Web UI display issue when switching between Arabic and Hebrew
- Fixed Device erased custom screen saver automatically after disabling Idle Screen XML Download
- Fixed Device cannot enter voicemail when there's no voice message
- Fixed Device LCD does not prompt warning when screensaver downloading failed
- Fixed Device lost conference softkey in dial page when enabling hold call before adding conference
- Fixed the default value of Minimum TLS Version issue
- Fixed the time of custom Idle Screen XML is not updated when there is a prompt on LCD
- Fixed Device LCD prompt message overlapping display issue
- Fixed Call History for Remote Phonebook does not show name but only number
- Fixed Device sent SRV request constantly even when the server responded successfully
- Fixed Device Broadsoft XSI voicemail menu is not showing correctly when use login credential
- Fixed Device LCD still displayed contact entries after clearing remote phonebook URL
- Fixed GRP2602W Wi-Fi signal strength is none after connecting hidden ssid
- Fixed the title bar of some Broadsoft pages does not display completely
- Fixed Device Network-based conference works abnormally
- Fixed Device LCD display of the Executive Assistant is incomplete
- Fixed Device does not display Remote-Party-ID after dialing pickup call feature code *8
- Fixed Device does not download remote XML phonebook upon boot
- Fixed Device crashes after being transferred in certain situation
- Fixed Device crashes after conference being built
- Fixed Device Callee ID display does not get updated after performing call pickup
- Fixed Device VPK icon display wrong when changing from Shared to Default mode
- Fixed Device crashes after performing multicast
- Fixed Device multicast sender auto-answers multicast paging call when it has lower priority
- Fixed Device prompt display when saving call filtering or divert option from LCD menu
- Fixed Device LCD scroll bar of Allow Programmable Key Configuration via LCD display is not friendly
- Fixed Device prompt display error when provision to upgrade to the same version
- Fixed Device Callee ID display not updated after performing call pickup
- Fixed Device doesn't explicitly indicate that the admin password should be entered to factory reset
- Fixed Device LCD brightness displayed wrong in active LCD timeout page
- Fixed Device always displays password input box even when device is connected to Wi-Fi
- Fixed Device lock icon is not displayed in the RTP conference room

NEW FEATURES OVERVIEW

ALLOW PROGRAMMABLE KEY CONFIGURATION VIA LCD

- **Web Configuration**

This option can be found under device web UI→ Programmable Keys→ Advanced Settings.

- **Functionality**

Configure to enable Programmable Key configuration via LCD by pressing and holding MPKs/VPKs..

- **Pvalues**

Pvalue	Description	Value Range	Default
8444	<New Pvalue> Allow Programmable Key Configuration via LCD	Value = 0; No Value = 1; Yes	Yes

SUPPORT RPORT (RFC3581)

- **Web Configuration**

This option can be found under device web UI→Accounts→Account X→General Settings.

- **Functionality**

Configures to use symmetric response routing. If it is used, the "rport" field will be added to the Via header field in the SIP Request, and the information will be extracted from the SIP 200OK Response for SIP Register to rewrite the SIP Contact information and apply it in subsequent SIP Requests.

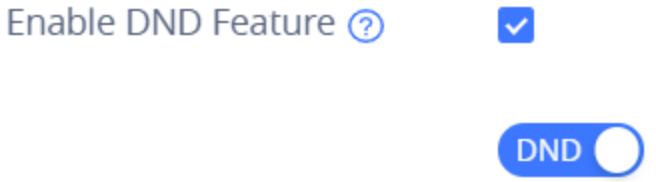
- **Pvalues**

Pvalue	Description	Value Range	Default
131	<New Pvalue> Support Rport (RFC 3581)	Value = 0; No Value = 1; Yes	Yes

ENABLE DND FROM WEB UI

- **Web Configuration**

This option can be found under device web UI→Phone Settings→Call Settings.



- **Functionality**

This button allows user to enable DND from the web interface.

FACTORY RESET SECURI LEVEL

- **Web Configuration**

This option can be found under device web UI→System Settings→Security Settings→Web/SSH/Access.

- **Functionality**

Configure the password inquiry for factory reset. If set to "Default", Password is needed when configuration via keypad menu is not Unrestricted. If set to "Always Require Password", Password is needed no matter what configuration via keypad menu mode is. If set to "No Password Required", No password is needed no matter what configuration via keypad menu mode is.

- **Pvalues**

Pvalue	Description	Value Range	Default
22373	<New Pvalue> Factory Reset Security Level	Value = 0; Default Value = 1; Always Require Password Value = 2; No Password Required	Default

FIRMWARE VERSION 1.0.3.18

PRODUCT NAME

GRP2601(P), GRP2602(P/W), GRP2603(P), GRP2604(P)

DATE

9/22/2021

FIRMWARE FILE INFORMATION

- Firmware file name: grp2600fw.bin

  MD5: 39c7ae719ede64f0ec02072801a391ea

ENHANCEMENT

- Added Multi-language support for language downloading UI
- Updated LCD and Web English strings
- Updated Time Zone list
- Added Support of different accounts registering separately under IPv4/IPv6 network environment
- Improved Device performance when encountering unstable network environment
- Added UCM Call Features and UCM Call Center Softkeys
- Added Support of displaying Call Feature Status from Web UI
- Updated tooltips for some options
- Updated Korean strings in Reboot prompt
- Added Support of XML Application [XML APPLICATION]
- Added an XML file example for customer
- Added Support of Last Call Forward Always feature [LAST CALL FORWARD ALWAYS]
- Added Support of Show SIP Error Response feature [SHOW SIP ERROR RESPONSE]
- Added Support of Enable Hook Switch feature [ENABLE HOOK SWITCH]
- Added Support of Contact Source Priority feature [CONTACT SOURCE PRIORIY]
- Added Support of Direct IP Call [ENABLE DIRECT IP CALL]
- Added Support of Use Quick IP Call Mode [USE QUICK IP CALL MODE]
- Added Support of Predictive Dialing Feature [PREDICTIVE DIALING FEATURE]
- Added Support of Predictive Dialing Source [PREDICTIVE DIALING SOURCE]
- Added Support of Onhook Dial Barging feature [ONHOOK DIAL BARGING]
- Added Support of Auto Redial feature [AUTO REDIAL]
- Added Support of Call Completion Service [CALL COMPLETION SERVICE]
- Added Support of Incoming Call Popup feature [INCOMING CALL POPUP]
- Added Support of Missed Call Notification feature [MISSED CALL NOTIFICATION]
- Added Support of Call Waiting Tone [CALL WAITING TONE]

- Added Support of In-call DTMF Display [IN-CALL DTMF DISPLAY]
- Added Support of Show on Hold Duration feature [SHOW ON HOLD DURATION]
- Added Support of Auto Unmute feature [AUTO UNMUTE]
- Added Support of Busy Tone on Remote Disconnect feature [BUSY TONE ON REMOTE DISCONNECT]
- Added Support of enable or disable transfer function [ENABLE TRANSFER]
- Added Support of Attended Transfer Mode [ATTENDED TRANSFER MODE]
- Added Support of Override DND feature [OVERRIDE DND]
- Added Support of enable or disable conference function [ENABLE CONFERENCE]
- Added Support of Hold Call Before Adding Conferee feature [HOLD CALL BEFORE ADDING CONFEREE]
- Added Support of Hidden Number Plan [HIDDEN NUMBER PLAN]
- Added Support of Warning tone [WARNING TONE]
- Added Support of Group listening with handset/speaker [GROUP LISTEN]
- Added Support of multiple retries for the device to send requests to server [MAX NUMBER OF SIP REQUEST RETRIES]
- Added Support of Failback Expiration time [FAILBACK EXPIRATION]

BUG FIX

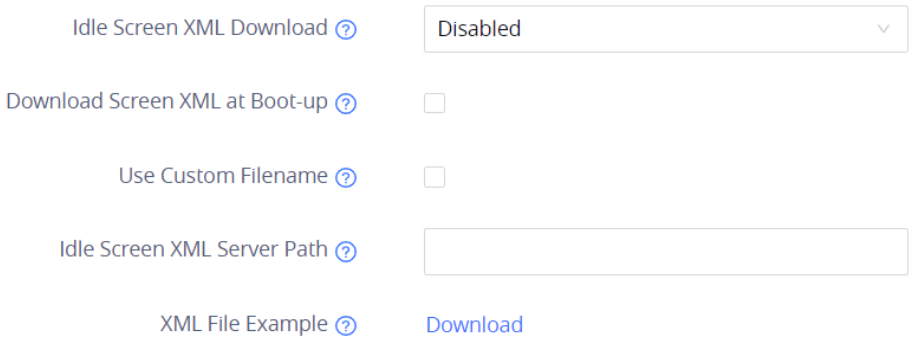
- Fixed Broadsoft XSI login issue via HTTP or HTTPS
- Fixed Web page issue after factory reset
- Fixed GUI crashed after editing local group
- Fixed GUI crashed after disabling Wi-Fi in scanning status
- Fixed Device has no audio when using with headset Plantronics SP11
- Fixed Device does not use OpenVPN IP after changing NAT mode to VPN
- Fixed Device handles MWI Notify from both primary and secondary server
- Fixed Device cannot detect NAT type correctly without rebooting
- Fixed DND feature does not work correctly after failover
- Fixed 3CX CSTA receives multiple call abnormally
- Fixed Device cannot use Sennheiser EHS to end a call
- Fixed Headset cannot turn on after switching between speaker and headset mode
- Fixed Dialing screen sometimes doesn't close after pressing headset key on headset
- Fixed Settings Page is displayed in English when System Language is Traditional Chinese
- Fixed Device BLF call-pickup does not work correctly

NEW FEATURES OVERVIEW

XML APPLICATION

- **Web Configuration**

The settings for XML Application can be found under device web UI→Application→XML Application.



- **Functionality**

Configures to set up XML applications.

- **Pvalues**

Pvalue	Description	Value Range	Default
340	<New Pvalue> Idle Screen XML Download	Value = 0; Disable Value = 1; Enabled, use HTTP Value = 2; Enabled, use TFTP Value = 3; Enabled, use HTTPS	Disable
1349	<New Pvalue> Download Screen XML at Boot-up	Value = 0; Disable Value = 1; Enable	Disable
1343	<New Pvalue> Use Custom Filename	Value = 0; Disable Value = 1; Enable	Disable
341	<New Pvalue> Idle Screen XML Server Path	String: Max length is 256.	NULL

LAST CALL FORWARD ALWAYS

- **Web Configuration**

This option can be found under device web UI→Phone Settings→Call Settings.

- **Functionality**

If enabled, the number inputted into the ForwardAll feature will be stored the next time you use the ForwardAll softkey.

Note: ForwardAll softkey currently only uesed for account 1.

- **Pvalues**

Pvalue	Description	Value Range	Default

32063	<New Pvalue> Last Call Forward Always	Value = 0; Disable Value = 1; Enable	Disable

SHOW SIP ERROR RESPONSE

- **Web Configuration**

This option can be found under device web UI→Phone Settings→Call Settings.

- **Functionality**

Configures to enable SIP error response information displayed on LCD screen.

- **Pvalues**

Pvalue	Description	Value Range	Default
8376	<New Pvalue> Show SIP Error Response	Value = 0; Disable Value = 1; Enable	Enable

ENABLE HOOK SWITCH

- **Web Configuration**

This option can be found under device web UI→Phone Settings→Call Settings.

- **Functionality**

When set to "No", disable hook switch completely; When set to "Yes, except answering call", hook switch cannot be used for answering call.

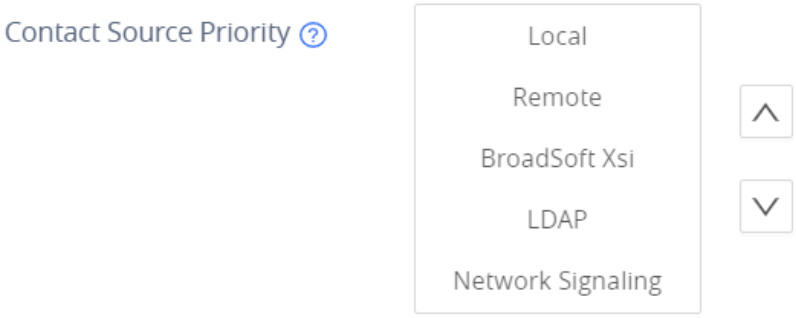
- **Pvalues**

Pvalue	Description	Value Range	Default
6763	<New Pvalue> Enable Hook Switch	Value = 0; Yes Value = 1; No Value = 1; Yes, except answering call	Yes

CONTACT SOURCE PRIORIY

- **Web Configuration**

This option can be found under device web UI→Phone Settings→Call Settings.



- **Functionality**

Configure the priority of the ID source displayed on the phone when incoming/outgoing calls. Select one ID source and click the Up/Down arrow on the right to adjust the order.

Note: If the "Caller ID Display" under the account is configured as "Disabled", the caller number cannot be obtained, the phone will only display "Unavaliable".

- **Pvalues**

Pvalue	Description	Value Range	Default
22439	<New Pvalue> Contact Source Priority	Local, Remote, BSXSI, LDAPPhonebook, NETWorkSignaling	Local,Remote,BSXSI,LDAPPhonebook,NETWorkSignaling

ENABLE DIRECT IP CALL

- **Web Configuration**

This option can be found under device web UI→Phone Settings→Call Settings.

- **Functionality**

Configure to enable direct IP call feature.

- **Pvalues**

Pvalue	Description	Value Range	Default
1310	<New Pvalue> Enable Direct IP Call	Value = 0; Yes Value = 1; No	Yes

USE QUICK IP CALL MODE

- **Web Configuration**

This option can be found under device web UI→Phone Settings→Call Settings.

- **Functionality**

When set to "Yes", users can dial an IP address under the same LAN/VPN segment by entering the last octet of the IP address.

- **Pvalues**

Pvalue	Description	Value Range	Default
184	<New Pvalue> Use Quick IP Call Mode	Value = 0; No Value = 1; Yes	No

PREDICTIVE DIALING FEATURE

- **Web Configuration**

This option can be found under device web UI→Phone Settings→Call Settings.

- **Functionality**

Configures the predictive dialing feature on the call screen.

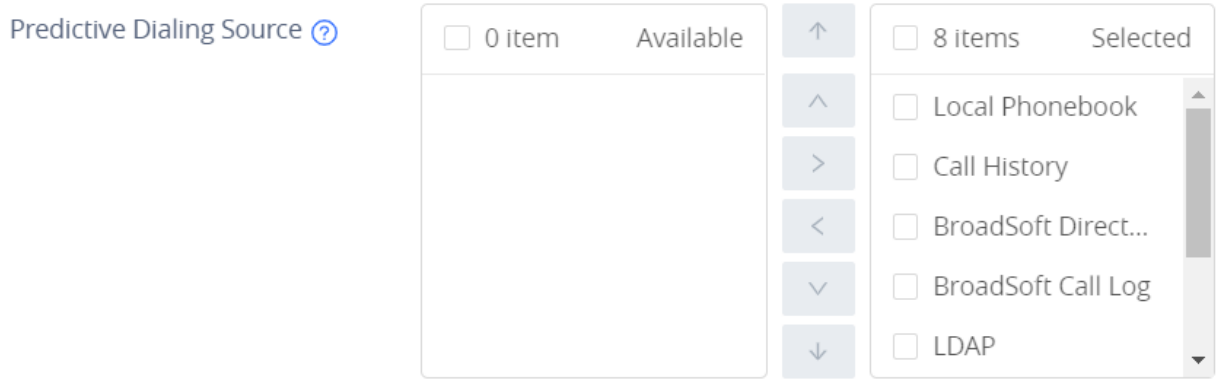
- **Pvalues**

Pvalue	Description	Value Range	Default
22126	<New Pvalue> Predictive Dialing Feature	Value = 0; No Value = 1; Yes	Yes

PREDICTIVE DIALING SOURCE

- **Web Configuration**

This option can be found under device web UI→Phone Settings→Call Settings.



- **Functionality**

Predictive dialing feature will sequentially search the number based on the selected sources.

- **Pvalues**

Pvalue	Description	Value Range	Default
8442	<New Pvalue> Predictive Dialing Source	LocalPhonebook,CallHistory,BSPhonebook,BSCallHistory,LDAPPhonebook,PersonalPhonebook,RemotePhonebook,FeatureCode	LocalPhonebook,CallHistory,BSPhonebook,BSCallHistory,LDAPPhonebook,PersonalPhonebook,RemotePhonebook,FeatureCode

ONHOOK DIAL BARGING

- **Web Configuration**

This option can be found under device web UI→Phone Settings→Call Settings.

- **Functionality**

When the option is set to "Disabled", onhook dialing won't be interrupted by an incoming call.

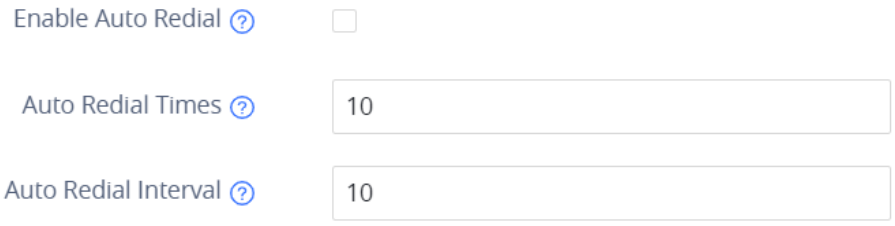
- **Pvalues**

Pvalue	Description	Value Range	Default
8397	<New Pvalue> Onhook Dial Barging	Value = 0; No Value = 1; Yes	Yes

AUTO REDIAL

- **Web Configuration**

This option can be found under device web UI→Phone Settings→Call Settings.



- **Functionality**

Configures to redial automatically at a later time when the dialed number is currently busy.

- **Pvalues**

Pvalue	Description	Value Range	Default
8353	<New Pvalue> Enable Auto Redial	Value = 0; No Value = 1; Yes	No

8354	<New Pvalue> Auto Redial Times	Number: 1 - 200	10
8355	<New Pvalue> Auto Redial Interval	Number: 1 - 360	10

CALL COMPLETION SERVICE

- **Web Configuration**

This option can be found under device web UI→Phone Settings→Call Settings.

- **Functionality**

If enabled, phone will automatically redial the previous failed call when the remote party becomes available.

- **Pvalues**

Pvalue	Description	Value Range	Default
8391	<New Pvalue> Enable Call Completion Service	Value = 0; No Value = 1; Yes	No

INCOMING CALL POPUP

- **Web Configuration**

This option can be found under device web UI→Phone Settings→Call Settings.

- **Functionality**

If enabled, phone will pop up an incoming call window to notify users when there is an incoming call.

- **Pvalues**

Pvalue	Description	Value Range	Default
8401	<New Pvalue> Enable Incoming Call Popup	Value = 0; No Value = 1; Yes	Yes

MISSED CALL NOTIFICATION

- **Web Configuration**

This option can be found under device web UI→Phone Settings→Call Settings.

- **Functionality**

If enabled, phone will pop up a window to remind users of a missed call.

- **Pvalues**

Pvalue	Description	Value Range	Default
8393	<New Pvalue> Enable Missed Call Notification	Value = 0; No Value = 1; Yes	Yes

CALL WAITING TONE

- **Web Configuration**

This option can be found under device web UI→Phone Settings→Call Settings.

- **Functionality**

If enabled, phone will play call waiting alert tone when there is an incoming call while a call is in progress.

- **Pvalues**

Pvalue	Description	Value Range	Default
186	<New Pvalue> Enable Call Waiting Tone	Value = 0; Yes Value = 1; No	Yes

IN-CALL DTMF DISPLAY

- **Web Configuration**

This option can be found under device web UI→Phone Settings→Call Settings.

- **Functionality**

When set to "No", the DTMF digits entered during a call will not be displayed on LCD.

- **Pvalues**

Pvalue	Description	Value Range	Default
338	<New Pvalue> Enable In-call DTMF Display	Value = 0; Yes Value = 1; No	Yes

SHOW ON HOLD DURATION

- **Web Configuration**

This option can be found under device web UI→Phone Settings→Call Settings.

- **Functionality**

If enabled, phone will show the duration of holding a call on the LCD.

- **Pvalues**

Pvalue	Description	Value Range	Default
8503	<New Pvalue> Show on Hold Duration	Value = 0; No Value = 1; Yes	Yes

AUTO UNMUTE

- **Web Configuration**

This option can be found under device web UI→Phone Settings→Call Settings.

- **Functionality**

If enabled, phone will be automatically unmuted when user resumes a call or establishes a new call.

- **Pvalues**

Pvalue	Description	Value Range	Default
8488	<New Pvalue> Enable Auto Unmute	Value = 0; No Value = 1; Yes	Yes

BUSY TONE ON REMOTE DISCONNECT

- **Web Configuration**

This option can be found under device web UI→Phone Settings→Call Settings.

- **Functionality**

If enabled, phone will play busy tone when call is disconnected remotely.

- **Pvalues**

Pvalue	Description	Value Range	Default
6762	<New Pvalue> Enable Busy Tone on Remote Disconnect	Value = 0; No Value = 1; Yes	Yes

ENABLE TRANSFER

- **Web Configuration**

This option can be found under device web UI→Phone Settings→Call Settings.

- **Functionality**

This option is to configure to enable call transfer feature.

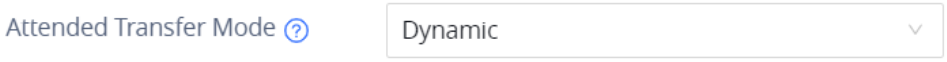
- **Pvalues**

Pvalue	Description	Value Range	Default
1341	<New Pvalue> Enable Transfer	Value = 0; No Value = 1; Yes	Yes

ATTENDED TRANSFER MODE

- **Web Configuration**

This option can be found under device web UI→Phone Settings→Call Settings.



- **Functionality**

If set to "Static", attended transfer can only be performed with established calls. If set to "Dynamic", attended transfers can be performed with established calls or be initiated during the transfer process. This option does not affect the user's ability to perform blind transfers.

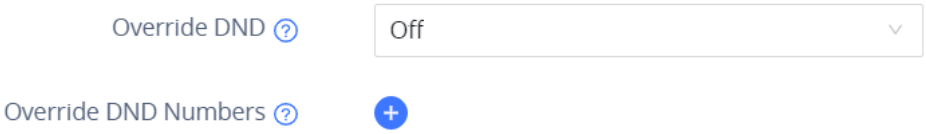
- **Pvalues**

Pvalue	Description	Value Range	Default
1376	<New Pvalue> Enable Transfer	Value = 0; Static Value = 1; Dynamic	Dynamic

OVERRIDE DND

- **Web Configuration**

The options can be found under device web UI→Phone Settings→Call Settings.



- **Functionality**

Configures to override the local DND function.

If set to "Off", the local DND function is normal; if set to "Allow All", the local DND function is invalid; if set to “Allow Only Contacts", when the local DND function is enabled, only local contacts and the configured override numbers can call in ; If set to "Allow Override Numbers", when the local DND is turned on, only the configured coverage numbers can call in. The default setting is "Off".

- **Pvalues**

Pvalue	Description	Value Range	Default
8372	<New Pvalue> Override DND	Value = 0; Off Value = 1; Allow All Value = 2; Allow Only Contacts Value = 4; Allow Override Numbers	OFF

22450	<New Pvalue> Override DND Numbers	Number	NULL

ENABLE CONFERENCE

- **Web Configuration**

This option can be found under device web UI→Phone Settings→Call Settings.

- **Functionality**

This option is to configure to enable call transfer feature.

- **Pvalues**

Pvalue	Description	Value Range	Default
1311	<New Pvalue> Enable Conference	Value = 0; Yes Value = 1; No	Yes

HOLD CALL BEFORE ADDING CONFEREE

- **Web Configuration**

This option can be found under device web UI→Phone Settings→Call Settings.

- **Functionality**

This option is to configures whether to put the current call on hold while adding new members to a conference. If set to "Yes", the current call will be put on hold when the host presses conference or add key to invite new members. When the invited member answers the call and agrees to attend the conference, the host needs to manually resume the conference with the new member added. If set to "No", the current call will not be put on hold and the invited member will join the meeting automatically after answering the call.

- **Pvalues**

Pvalue	Description	Value Range	Default
22346	<New Pvalue> Hold Call before Adding Conferee	Value = 0; No Value = 1; Yes	No

AUTHENTICATED NTP

- **Web Configuration**

This option can be found under device web UI→System Settings→Time and Language.

- **Functionality**

Configures whether to enable NTP authentication. If enabled, a cryptographic signature appended to each network packet. If the key is incorrectly configured, the phone will refuse to use the time provided by the NTP server.

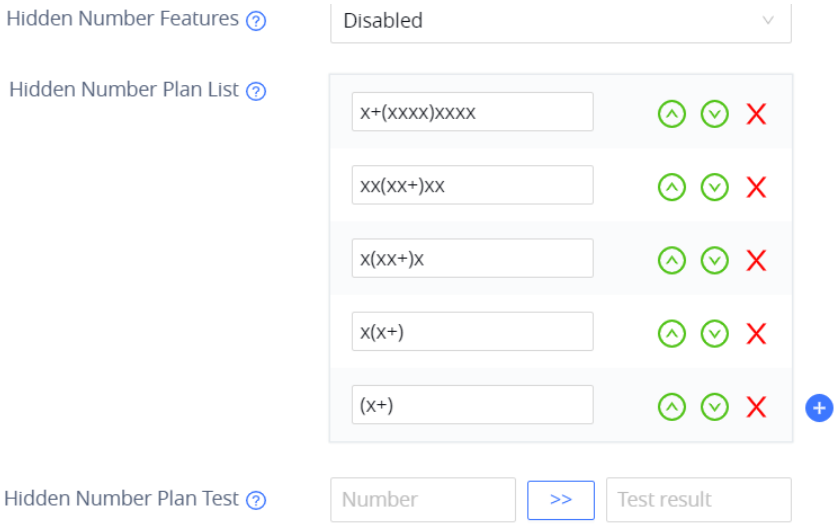
- **Pvalues**

Pvalue	Description	Value Range	Default
22309	<New Pvalue> Enable Authenticated NTP	Value = 0; No Value = 1; Yes	No

HIDDEN NUMBER PLAN

- **Web Configuration**

This option can be found under device web UI→Accounts→Account x→Hidden Number Plan.



- **Functionality**

Currently, incoming and outgoing number display will be handled according to hidden number plan.

Users are able to configure the hidden number rules, matching their syntax rules from top to bottom as follows:

1. Expression

element(element)element

(element)element

element(element)

(element)

2. Element Rules

• x：any digit number from 0-9

• +：any length after x(>=1)

• \[-+...] or *：Escape symbol

• ()：The part that needs to be hidden, there can only be one hidden part in a rule

3.Examples

x+(xxxx)xxxx: 13705806547 -> 137****6547

xxx(x+)xxxx: 07113705806547 -> 071*******6547

071\-x+(xxxx)xxxx: 071-13705806547 -> 071-137****6547

- **Pvalues**

Pvalue	Description	Value Range	Default
26043	<New Pvalue> Hidden Number Features	Value = 0; Disabled Value = 1; Incoming Calls Only Value = 2; Outgoing Calls Only Value = 3; Both Direction Calls	Disabled
60058	<New Pvalue> Hidden Number Plan List	String	{ x+(xxxx)xxxx | xx(xx+)xx | x(xx+)x | x(x+) | (x+)}

WARNING TONE

- **Web Configuration**

This option can be found under device web UI→System Settings→Preferences→Audio Control.

- **Functionality**

Configures whether to enable the warning tone of the phone. If disabled, all pop-up and notifications will play no tone.

- **Pvalues**

Pvalue	Description	Value Range	Default
22444	<New Pvalue> Enable Warning Tone	Value = 0; No Value = 1; Yes	Yes

GROUP LISTEN

- **Web Configuration**

This option can be found under device web UI→System Settings→Preferences→Audio Control.

- **Functionality**

Group Listen with handset: Allow handset to be able to listen when picked up during a call with headset.

Group Listen with Speaker: In a call, phone will display softkey to enable speaker listening when audio mode is set to handset or headset.

- **Pvalues**

Pvalue	Description	Value Range	Default

22100	<New Pvalue> Group Listen with Handset	Value = 0; No Value = 1; Yes	No
22163	<New Pvalue> Group Listen with Speaker	Value = 0; No Value = 1; Yes	No

MAX NUMBER OF SIP REQUEST RETRIES

- **Web Configuration**

This option can be found under device web UI→Accounts→Account x→General Settings.

- **Functionality**

Sets the maximum number of retries for the device to send requests to the server. In DNS SRV configuration, if the destination address does not respond, all request messages are resent to the same address according to the configured retry times. Valid range: 1-10.

- **Pvalues**

Pvalue	Description	Value Range	Default
60055	<New Pvalue> Maximum Number of SIP Request Retries	Number: 1 - 10	4

FAILBACK EXPIRATION

- **Web Configuration**

This option can be found under device web UI→Accounts→Account x→General Settings.

- **Functionality**

Specifies the duration (in minutes) since failover to the current SIP server or Outbound Proxy before making failback attempts to the primary SIP server or Outbound Proxy.

- **Pvalues**

Pvalue	Description	Value Range	Default
60056	<New Pvalue> Failback Expiration (m)	Number	60

FIRMWARE VERSION 1.0.1.57

PRODUCT NAME

GRP2601(P), GRP2602(P/W), GRP2603(P), GRP2604(P)

DATE

7/21/2021

FIRMWARE FILE INFORMATION

- Firmware file name: grp2600fw.bin

  MD5: 7b951c6b0f5f2ddfa3d18889f7805c0a

ENHANCEMENT

- Updated Some options' tooltips in web UI
- Updated Web UI language display
- Added Support of Recommend Time Zone display in Web UI to represent the time zone detected by IP address
- Added System time zone display in web UI [SYSTEM TIME ZONE]

BUG FIX

- Fixed GUI crashed after set broadsoft agent status to unavailable or wrap-up
- Fixed Device cannot end a call correctly by pressing the button on some EHS headsets
- Fixed Device-connected EHS headset won't turn on after switching between speakers and headset
- Fixed Device-connected EHS headset plays popping sound after ending call using Answer/End Call headset key
- Fixed Dialing screen sometimes doesn't close after pressing headset key on some EHS headset
- Fixed Device can't upgrade to target version successfully sometimes
- Fixed Device works abnormally when receiving multiple 3CX CSTA calls
- Fixed Device LCD menu IP Geographic information display issue
- Fixed Device LCD IPv6 address display issue

NEW FEATURES OVERVIEW

SYSTEM TIME ZONE

- **Web Configuration**

System Time Zone can be found under device web UI→Status→System Info.

- **Functionality**

System Time Zone displays the time zone that is configured by user;
Recommend Time Zone displays the time zone that is detected by IP address.

FIRMWARE VERSION 1.0.1.52

PRODUCT NAME

GRP2601(P), GRP2602(P/W), GRP2603(P), GRP2604(P)

DATE

6/24/2021

FIRMWARE FILE INFORMATION

- Firmware file name: grp2600fw.bin

  MD5: 342989995087979d01b7d391b5a9a04b

ENHANCEMENT

- Improved Hebrew language display
- Improved Chinese language display
- Improved Korean language display
- Improved Web UI language display
- Added ability to Use Route Set in NOTIFY [USE ROUTE SET IN NOTIFY]
- Added support for Auto Answer Numbers [AUTO ANSWER NUMBERS]
- Added ability to finish an attended transfer by on-hooking the phone
- Added support for configuring the number to be dialed as DTMF using the TRANSFER button [IN-CALL DIAL NUMBER ON PRESSING TRANSFER KEY]
- Added Multicast Paging related MPKs on GRP2604/P [MULTICAST PAGING MPKs]
- Added ability to configure VPKs [VPK]
- Added ability to use up to 3 XML Phonebook URLs [3 XML PHONEBOOK URLS]
- Updated Wi-Fi firmware for FragAttacks Wi-Fi Vulnerability for GRP2602W
- Added ability to return to idle screen after you press the activated Line key
- Added BLF-related options from GRP2604 to GRP2601/02/03
- Removed “Enable SCA” setting under Account Advanced Settings since you can now enable SCA by configuring Shared VPK

BUG FIX

- Fixed an issue where changing the LLDP TX interval wouldn’t update until after a reboot
- Fixed an issue where the MPK lights for Auto Provision Eventlist BLF keys would stay lit up even after deleting the Eventlist BLF URI on the Web UI
- Fixed a crashing issue when enabling “Check Domain Certificates”
- Fixed an issue where DHCP Option 2 wasn’t taking effect

- Fixed an issue where audio would come through both the speakers and handset/headset when enabling the “Ring for Call Waiting” setting and receiving a call waiting notification
- Fixed issue where “Doorbell” ringtone wasn’t working when using the “Match Incoming Caller ID” feature
- Fixed an issue where Multicast Paging Listening wouldn’t always work in certain network environments
- Update voice monitor message for GDMS
- Fixed Device adding auto answer number issue
- Fixed Device cannot dial star key when there is a message on the screen
- Fixed Device switches to new IP address after renewing IP address
- Fixed Device attended transfer call issue via CSTA with 3CX
- Fixed Config template v2 provisioning issue via HTTP
- Fixed Device cannot resolve DNS query
- Fixed Device BLF Call-pickup issue
- Fixed Incorrect packet loss rate

NEW FEATURES OVERVIEW

USE ROUTE SET IN NOTIFY

- **Web Configuration**

This option can be found under device web UI→Account_x→SIP Settings→Basic Settings

- **Functionality**

Configures whether to use route set in NOTIFY (follow RFC 6665).

- If enabled, the Request URI of the refresh subscription will use the URI in the received NOTIFY Contact (RFC 6665).
- If disabled, the URI in the previously subscribed 200 OK Contact will be used.

- **Pvalues**

Pvalue	Description	Value Range	Default
60059	<New Pvalue> Use Route Set in NOTIFY(Follow RFC 6665) – Account 1	Value = 0; Disable Value = 1; Enable	Enable
60159	<New Pvalue> Use Route Set in NOTIFY(Follow RFC 6665) – Account 2	Value = 0; Disable Value = 1; Enable	Enable
60259	<New Pvalue> Use Route Set in NOTIFY(Follow RFC 6665) – Account 3	Value = 0; Disable Value = 1; Enable	Enable

60359	<New Pvalue> Use Route Set in NOTIFY(Follow RFC 6665) – Account 4	Value = 0; Disable Value = 1; Enable	Enable
60459	<New Pvalue> Use Route Set in NOTIFY(Follow RFC 6665) – Account 5	Value = 0; Disable Value = 1; Enable	Enable
60559	<New Pvalue> Use Route Set in NOTIFY(Follow RFC 6665) – Account 6	Value = 0; Disable Value = 1; Enable	Enable

AUTO ANSWER NUMBERS

- **Web Configuration**

This option can be found under device web UI→Account_x→Call Settings→Call Features

- **Functionality**

Allows the user to configure specific numbers to auto answer. If not set, all numbers will be auto answered if auto answer is enabled. Up to 10 numbers can be configured.

- **Pvalues**

Pvalue	Description	Value Range	Default
29064	<New Pvalue> Auto Answer Numbers – Account 1	Up to 10 numbers	NULL
29164	<New Pvalue> Auto Answer Numbers – Account 2	Up to 10 numbers	NULL
29264	<New Pvalue> Auto Answer Numbers – Account 3	Up to 10 numbers	NULL
29364	<New Pvalue> Auto Answer Numbers – Account 4	Up to 10 numbers	NULL
29464	<New Pvalue> Auto Answer Numbers – Account 5	Up to 10 numbers	NULL
29564	<New Pvalue> Auto Answer Numbers – Account 6	Up to 10 numbers	NULL

IN-CALL DIAL NUMBER ON PRESSING TRANSFER KEY

- **Web Configuration**

This option can be found under device web UI→Phone Settings→Call Settings

- **Functionality**

Allows the user to configure the number to be dialed as DTMF when using the TRANSFER button.

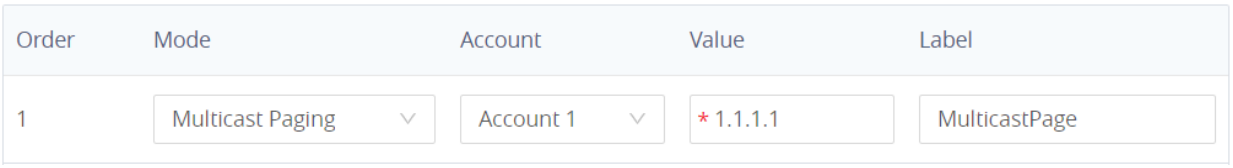
- **Pvalues**

Pvalue	Description	Value Range	Default
1525	<New Pvalue> In-call Dial Number on Pressing Transfer Key	0 to 512 characters	NULL

MULTICAST PAGING MPK

- **Web Configuration**

This option can be found under device web UI→Programmable Keys→Multi-Purpose Keys.



- **Functionality**

Multicast Paging - This option is for multicast sending. Enter Line key description in Description field and multicast sending address in Value field.

Multicast Listen Address - The MPK button can be used to access directly to the Multicast Listening IP list.

Multicast Paging Address - The MPK button can be used to access directly to the Multicast Paging IP list.

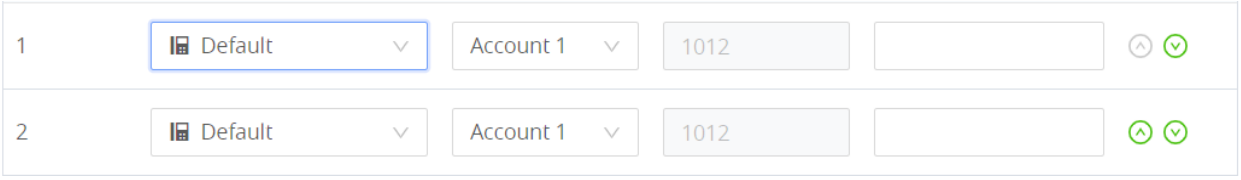
- **Pvalues**

Pvalues	Description	Value	Default
323-329, 353, 357, 361	<New Key Mode> Multicast Paging	13 = Multicast Paging	
323-329, 353, 357, 361	<New Key Mode> Multicast Listen Address	25 = MulticastListenAddress	
323-329, 353, 357, 361	<New Key Mode> Multicast Paging Address	33 = MulticastPagingAddress	

VPK

- **Web Configuration**

This option can be found under device web UI→ Programmable Keys→Virtual Multi-Purpose Keys



- **Functionality**

Allows the user to configure VPKs with modes such as Shared line, BLF, and Speed Dial.

Modes:

None (-1), SpeedDial (0), BLF (1), PresenceWatcher (2), EventlistBLF (3), SpeedDialViaActiveAccount (4), DialDTMF (5), VoiceMail (6), CallReturn (7), Transfer (8), CallPark (9), Intercom (10), LDAPSearch (11), Conference (12), MulticastPaging (13), CallLog (15), MonitoredCallPark (16), Menu (17), Information (19), Message (20), Forward (21), DND (22), Redial (23), MulticastListenAddress (25), EventListPresence (28), Provision (29), Default (31), SharedLine (32), Multicast Paging Address(33)

- **Pvalues**

Pvalue	Description	Value Range	Default
1363	<New Pvalue> VPK 1 – Key Mode	-1 - 33	31
1364	<New Pvalue> VPK 1 – Account	0-5	0
1465	<New Pvalue> VPK 1 – Label	Up to 32 characters	NULL
1466	<New Pvalue> VPK 1 – Value	Up to 64 characters	NULL
1365	<New Pvalue> VPK 2 – Key Mode	-1 - 33	31
1366	<New Pvalue> VPK 2 – Account	0-5	1
1467	<New Pvalue> VPK 2 – Label	Up to 32 characters	NULL
1468	<New Pvalue> VPK 2 – Value	Up to 64 characters	NULL
1367	<New Pvalue> VPK 3 – Key Mode	-1 - 33	31
1368	<New Pvalue> VPK 3 – Account	0-5	2
1469	<New Pvalue> VPK 3 – Label	Up to 32 characters	NULL

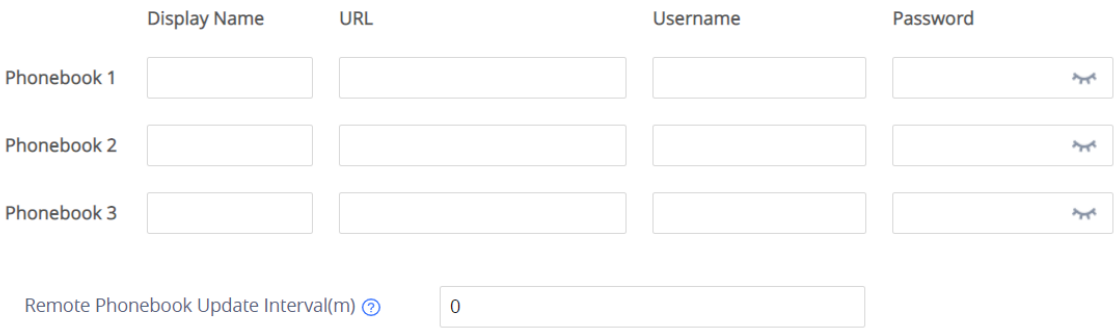
1470	<New Pvalue> VPK 3 – Value	Up to 64 characters	NULL
1369	<New Pvalue> VPK 4 – Key Mode	-1 - 33	31
1370	<New Pvalue> VPK 4 – Account	0-5	3
1471	<New Pvalue> VPK 4 – Label	Up to 32 characters	NULL
1472	<New Pvalue> VPK 4 – Value	Up to 64 characters	NULL
1371	<New Pvalue> VPK 5 – Key Mode	-1 - 33	31
1372	<New Pvalue> VPK 5 – Account	0-5	4
1473	<New Pvalue> VPK 5 – Label	Up to 32 characters	NULL
1474	<New Pvalue> VPK 5 – Value	Up to 64 characters	NULL
1373	<New Pvalue> VPK 6 – Key Mode	-1 - 33	31
1374	<New Pvalue> VPK 6 – Account	0-5	5
1475	<New Pvalue> VPK 6 – Label	Up to 32 characters	NULL
1476	<New Pvalue> VPK 6 – Value	Up to 64 characters	NULL
23800	<New Pvalue> VPK 7 – Key Mode	0-33	0
23801	<New Pvalue> VPK 7 – Account	0-5	0
23802	<New Pvalue> VPK 7 – Label	Up to 32 characters	NULL
23803	<New Pvalue> VPK 7 – Value	Up to 64 characters	NULL
23804	<New Pvalue> VPK 8 – Key Mode	0-33	0
23805	<New Pvalue> VPK 8 – Account	0-5	0
23806	<New Pvalue> VPK 8 – Label	Up to 32 characters	NULL

23807	<New Pvalue> VPK 8 – Value	Up to 64 characters	NULL
23808	<New Pvalue> VPK 9 – Key Mode	0-33	0
23809	<New Pvalue> VPK 9 – Account	0-5	0
23810	<New Pvalue> VPK 9 – Label	Up to 32 characters	NULL
23811	<New Pvalue> VPK 9 – Value	Up to 64 characters	NULL
23812	<New Pvalue> VPK 10 – Key Mode	0-33	0
23813	<New Pvalue> VPK 10 – Account	0-5	0
23814	<New Pvalue> VPK 10 – Label	Up to 32 characters	NULL
23815	<New Pvalue> VPK 10 – Value	Up to 64 characters	NULL
23816	<New Pvalue> VPK 11 – Key Mode	0-33	0
23817	<New Pvalue> VPK 11 – Account	0-5	0
23818	<New Pvalue> VPK 11 – Label	Up to 32 characters	NULL
23819	<New Pvalue> VPK 11 – Value	Up to 64 characters	NULL
23820	<New Pvalue> VPK 12 – Key Mode	0-33	0
23821	<New Pvalue> VPK 12 – Account	0-5	0
23822	<New Pvalue> VPK 12 – Label	Up to 32 characters	NULL
23823	<New Pvalue> VPK 12 – Value	Up to 64 characters	NULL

3 XML PHONEBOOK URLS

- **Web Configuration**

This option can be found under device web UI→Application→Remote Phonebook.



- **Functionality**

Allows the user to configure up to 3 XML Phonebook URLs

- **Pvalues**

Pvalue	Description	Value Range	Default
22427	<New Pvalue> Display Name – Phonebook 1	0 to 512 characters	NULL
22428	<New Pvalue> URL – Phonebook 1	0 to 512 characters	NULL
22429	<New Pvalue> Username – Phonebook 1	0 to 512 characters	NULL
22430	<New Pvalue> Password – Phonebook 1	0 to 512 characters	NULL
22431	<New Pvalue> Display Name – Phonebook 2	0 to 512 characters	NULL
22432	<New Pvalue> URL – Phonebook 2	0 to 512 characters	NULL
22433	<New Pvalue> Username – Phonebook 2	0 to 512 characters	NULL
22434	<New Pvalue> Password – Phonebook 2	0 to 512 characters	NULL
22435	<New Pvalue> Display Name – Phonebook 3	0 to 512 characters	NULL
22436	<New Pvalue> URL – Phonebook 3	0 to 512 characters	NULL
22437	<New Pvalue> Username – Phonebook 3	0 to 512 characters	NULL
22438	<New Pvalue> Password – Phonebook 3	0 to 512 characters	NULL

22426	<New Pvalue> Remote Phonebook Update Interval(m)	0, 5-720	0

FIRMWARE VERSION 1.0.1.41

PRODUCT NAME

GRP2601(P), GRP2602(P/W), GRP2603(P), GRP2604(P)

DATE

3/25/2021

FIRMWARE FILE INFORMATION

- Firmware file name: grp2600fw.bin

  MD5: e0bd03c129e07e5246151a9524bbceb1

ENHANCEMENT

- Updated English strings for LCD display
- Updated English strings for Web UI display
- Updated Arabic strings display
- Added Support for Ukrainian language on LCD display
- Updated Customized softkey icons
- Added Support for 3CX
- Added VLAN tag settings on Device LCD menu
- Added Support for Line LED Color Scheme [LINE LED COLOR SCHEME]
- Added Support to force a reboot after provisioning by P-values [FORCE REBOOT BY PVALUE PROVISIONING]
- Added Support to configure remaining accounts with a SIP account when public mode is enabled [ALLOW MULTIPLE ACCOUNTS]
- Added Support of dial now option in the dial plan types [DIAL NOW TYPE]
- Added Support to setup a Forward Always softkey on idle screen [FORWARD ALWAYS SOFTKEY]
- Added Support of "Ring for call waiting" [RING FOR CALL WAITING]

BUG FIX

- Fixed web page displays wrongly after factory reset
- Fixed Device does not download language file when language is set to downloaded language
- Fixed LCD pops up "The number doesn't match dial plan" when dialing star feature code
- Fixed Web page has no Action URI Support option when logging in as end user
- Fixed Wi-Fi cannot scan SSID when 802.1x is enabled on Ethernet
- Fixed Device always uses TLS 1.2 if syslog protocol is set to SSL/TLS
- Fixed Device does not display VPN IP
- Fixed Device fails to log in to Openfire after XMPP is configured the destination address

- Fixed The default security mode for adding SSIDs on the web UI menu should be WPA
- Fixed The default security mode for adding SSIDs on the LCD menu should be WPA
- Fixed The conferee can't mute the call correctly
- Fixed Device password is mandatory in auto mode
- Fixed Device crashed after disabling Wi-Fi in scanning status
- Fixed Device LCD characters are not fully displayed in some LCD menu
- Fixed Device works abnormal when add SSID using static IPv6 address
- Fixed Device security issue with SSH tool
- Fixed Device integrated call forwarding issue
- Fixed Device caller interface displays abnormal when the phone keyboard is locked
- Fixed Device does not respond to NOTIFY after switching 3CX configuration method
- Fixed Device does not play second dial tone
- Fixed Device does not sent outbound notify when Ethernet uses IPv4 only

NEW FEATURES OVERVIEW

LINE LED COLOR SCHEME

- **Web Configuration**

This option can be found under device web UI→System Settings→Preferences→Display Control.

- **Functionality**

Configures line key led color scheme.

- Default: off(idle)/green(in use)
- Light up: green(idle)/red(in use)

- **Pvalue**

Pvalue	Description	Value Range	Default
22362	<New Pvalue> Line LED Color Scheme	Value = 0; Default Value = 1; Light up	Default

FORCE REBOOT BY PVALUE PROVISIONING

- **Functionality**

Now with the new Pvalue 22421 (or alias "provision.config.forceReboot") set to 1 in config file, phone will need to reboot if any change is applied by downloading the config file. Specifically following the process below:

1st time download:

1) Phone downloaded a config file (in any supported format) with P22421 set to 1 included.

2) Phone found there is change(s) comparing with current setting on the phone (Any valid Pvalue change, no matter it does need reboot to apply or not).

3) Phone will update to new setting (will not save P22421 itself) and will go into normal reboot process (eg: if there is active call, phone will wait until it is finished)

2nd time download:
4) After reboot, phone may download the same config file again (if the config file path did not change).
5) Phone checked the config file and found there is no Pvalue needed to be updated.
6) Phone will not reboot again.

- **Pvalue**

Pvalue	Description	Value Range	Default
22421	<New Pvalue> Provision config force reboot	Value = 0; No Value = 1; Yes	No

ALLOW MULTIPLE ACCOUNTS

- **Web Configuration**

This option can be found under device web UI→Phone Settings→General Settings→Public Mode.

- **Functionality**

Now users are able to configure remaining account with a SIP account and be able to make/receive calls on the configured account even if the user is not logged in to the public mode.

- If set to "No", then after the user logs in to the public mode account on LCD, only the public mode account can be used on the phone even though there are other configured SIP accounts
- If set to "Yes," then after the user logs in to the public mode account on LCD, other configured SIP accounts on the phone can also be used. Note: This option requires enabling public mode to take effect.

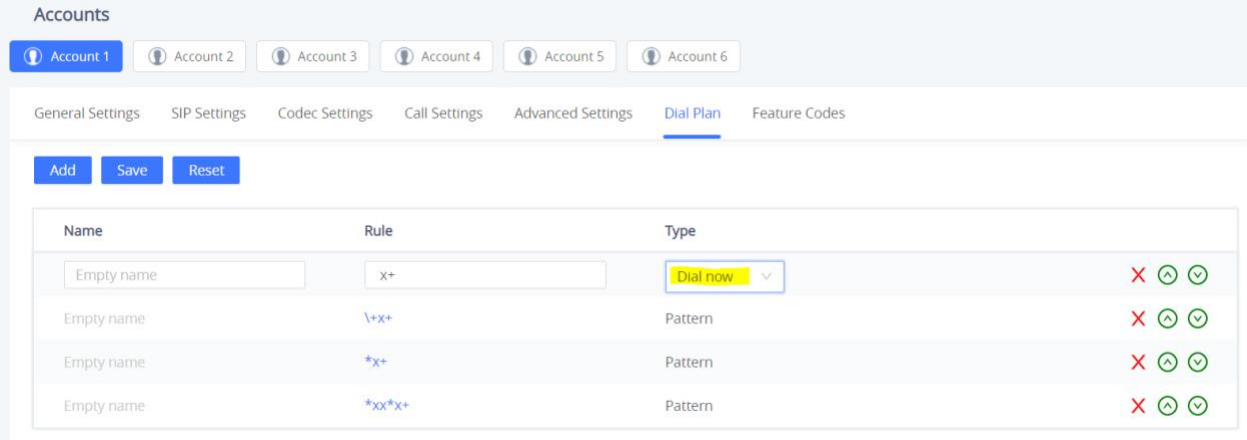
- **Pvalue**

Pvalue	Description	Value Range	Default
8564	<New Pvalue> Allow Multiple Accounts	Value = 0; No Value = 1; Yes	No

DIAL NOW TYPE

- **Web Configuration**

This option can be found under device web UI→Accounts→Account x→Dial plan→Type.



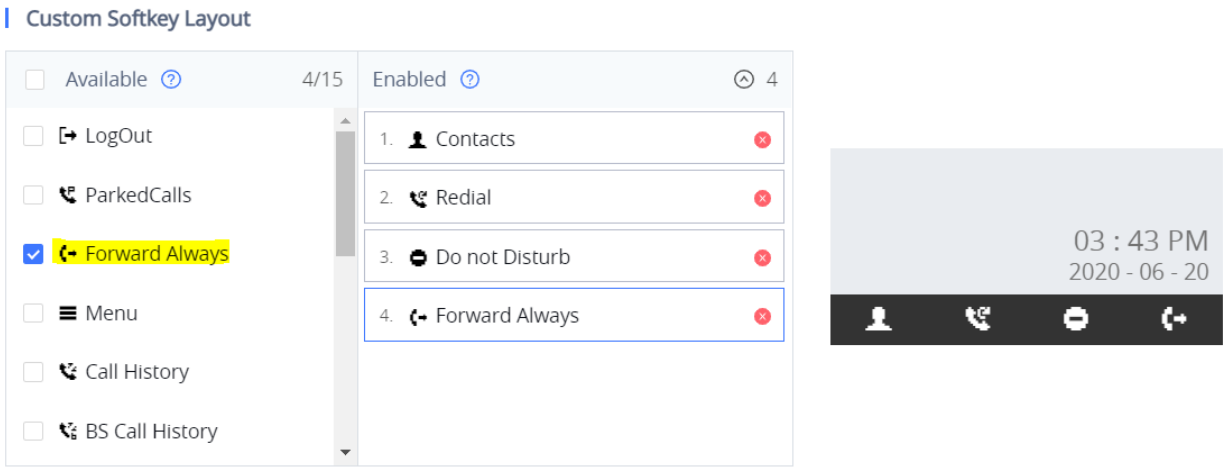
- **Functionality**

With this "Dial now" type, the rules you set in combination with this type will be dialed out once the DTMF matches the dial plan.

FORWARD ALWAYS SOFTKEY

- **Web Configuration**

This option can be found under device web UI→ Programmable Keys→ Idle Screen Softkeys→ Custom Softkey Layout.



- **Functionality**

Now users are able to setup the Forward Always softkey on idle screen. By pressing the softkey, users get access to a menu on LCD screen to configure the Forward Always settings.

RING FOR CALL WAITING

- **Web Configuration**

This option can be found under device web UI→Phone Settings→Call Settings.

- **Functionality**

Configures the phone to ring instead of playing call waiting tone when handset or headset is used.

- **Pvalue**

Pvalue	Description	Value Range	Default
22102	<New Pvalue> Ring for Call Waiting	Value = 0; No Value = 1; Yes	No

FIRMWARE VERSION 1.0.1.36

PRODUCT NAME

GRP2601(P), GRP2602(P), GRP2603(P), GRP2604(P)

DATE

2/9/2021

FIRMWARE FILE INFORMATION

- Firmware file name: grp2600fw.bin

  MD5: c487b0c3b4ce2361fc97e8d1a1882b21

ENHANCEMENT

- Improved Instant Messages popup message in idle page
- Improved popup message when user fails to log into web UI
- Improved popup message when user enters dial page in unregistered status from LCD
- Improved the MPK settings position
- Added Greek language support

BUG FIX

- Fixed The TX of attending phone is silent in four-way conference
- Fixed Device cannot use 1000M link to connect to the network
- Fixed Device GUI crashes after pressing DND key when outbound notification is enabled
- Fixed Device GUI crashed after pressing N-way conference key three times
- Fixed Device barge-in issue in SCA mode
- Fixed Device LDAP MPK works abnormally
- Fixed Device cannot disable local call features
- Fixed DND Call Feature On/Off cannot work correctly
- Fixed Device does not send INVITE with *72+number after the call forward unconditional with local UCM account is enabled from LCD menu
- Fixed Device works abnormally with MPK configured as speed dial or BLF mode
- Fixed Message Waiting ringtone doesn't work correctly after setting up in web
- Fixed Device still plays busy tone after getting coming call then cancelling it
- Fixed LCD displayed DTMF softkey abnormally when MPK user ID contains "," or ";"
- Fixed press # or send key works abnormally when device have no call history entry
- Fixed Device locks all users when using wrong password to login web UI
- Fixed Device DialDTMF Mode via MPK works abnormally in dialing page

- Fixed firmware server password still does not display when it's set to be visible
- Fixed Account bar display issue after doing attended transfer
- Fixed Dial DTMF MPK works abnormally issue
- Fixed Trusted CA Certificates uploading issue
- Fixed Bypass Dial Plan works abnormally
- Fixed LCD pops up "Already dialing" when user dials voice mail via Message MPK
- Fixed Some P values uploaded from config file does not work
- Fixed Message MPK does not be disabled during a call
- Fixed Outbound Notification XMPP does not work
- Fixed Device displays "internal error" if clicking BLF MPK while its monitored account has an incoming call
- Fixed Device can still make IP call when it locks functional keys
- Fixed the calling interface of GDS does not display the door icon
- Fixed Device keypad lock related issue

FIRMWARE VERSION 1.0.1.18

PRODUCT NAME

GRP2601(P), GRP2602(P), GRP2603(P), GRP2604(P)

DATE

12/8/2020

FIRMWARE FILE INFORMATION

- Firmware file name: grp2600fw.bin

  MD5: d057ec0050db9a944c820688b321427d

This is the initial version for GRP2601(P), GRP2602(P), GRP2603(P), GRP2604(P).