

GXP1610/1615/1620/1625/1628/1630 Firmware Release Notes

IMPORTANT UPGRADING NOTE

- Starting from firmware version 1.0.2.21, downgrading to version 1.0.2.4 or lower requires a matched protocol for upgrading and provisioning under webUI→Maintenance→Upgrade and Provision→option “Config Upgrade Via” and option “Firmware Upgrade Via”.

For example, if you are using HTTP server to downgrade to 1.0.2.4, please configure both “Config Upgrade Via” and “Firmware Upgrade Via” to “HTTP”.

- Firmware version 1.0.4.50 supports new hardware revision. For GXP16xx that's on new hardware version 2.2A, it cannot downgrade to firmware version lower than 1.0.4.50.
- Starting from 1.0.3.28 weather service is removed and no longer supported.

Table of Content

IMPORTANT UPGRADING NOTE	1
FIRMWARE VERSION 1.0.4.106	4
PRODUCT NAME.....	4
DATE	4
ENHANCEMENT	4
BUG FIX	4
NEW FEATURES OVERVIEW	4
<i>SYSLOG ENHANCEMENT</i>	4
<i>INTERCOM ENHANCEMENT</i>	5
<i>PVALUES THAT TRIGGER AUTO PROVISION</i>	5
<i>ATTEMPT TO DOWNLOAD CONFIG FILE AGAIN</i>	6
FIRMWARE VERSION 1.0.4.100	7
PRODUCT NAME.....	7
DATE	7
ENHANCEMENT	7
BUG FIX	7
NEW FEATURES OVERVIEW	8
<i>VPK SHARED LINE DESCRIPTION</i>	8
<i>ENABLE TRANSFER VIA NON-TRANSFER MPK</i>	8
<i>SUPPORT TO ALLOW LCD BACKLIGHT ALWAYS ON</i>	9
<i>AUTOMATICALLY LOG IN FROM 3CX SERVER INTERFACE</i>	9
<i>uaCSTA SUPPORT FOR 3CX</i>	9
<i>USER WEB ACCESS</i>	10
<i>TEST PASSWORD STRENGTH</i>	10
<i>USE MAC HEADER</i>	11
<i>SERVER VALIDATION</i>	11
<i>SUPPORT FOR CISCO DISCOVERY PROTOCOL (CDP)</i>	12
<i>IMPORT GROUP METHOD</i>	12
<i>USE SBC WITH 3CX</i>	13
FIRMWARE VERSION 1.0.4.88	14
PRODUCT NAME.....	14
DATE	14
BUG FIX	14

FIRMWARE VERSION 1.0.4.82	15
PRODUCT NAME.....	15
DATE	15
ENHANCEMENT	15
BUG FIX	15
NEW FEATURES OVERVIEW	16
<i>ACCOUNT DISPLAY CONFIGURATION.....</i>	<i>16</i>
<i>ENABLE/DISABLE VOICEMAIL INDICATION.....</i>	<i>16</i>
<i>SUPPORT ACCESS SSH USING AUTHENTICATION KEYS.....</i>	<i>17</i>
<i>SUPPORT RING FOR CALL WAITING</i>	<i>17</i>
<i>SUPPORT CALL FORWARD CONFIGURATION ON WEB UI</i>	<i>18</i>
<i>SUPPORT STATIC/DYNAMIC AUTO-ATTENDED TRANSFER.....</i>	<i>19</i>
<i>SUPPORT BLF SERVER CONFIGURATION.....</i>	<i>19</i>
<i>SUPPORT AUTOMATIC REDIAL.....</i>	<i>20</i>
<i>SUPPORT HTTP(S) USERNAME/PASSWORD CONFIGURATION ON LCD FOR UPGRADE/CONFIG.....</i>	<i>21</i>
<i>SUPPORT BLACKLIST/WHITELIST IN LOCAL PHONEBOOK.....</i>	<i>21</i>
<i>SUPPORT ENABLE/DISABLE HOOKSWITCH.....</i>	<i>22</i>
<i>SUPPORT NOTIFICATION TONE VOLUME.....</i>	<i>22</i>
<i>SUPPORT SNMP.....</i>	<i>23</i>
<i>SUPPORT GENESYS AGENT LOGIN/LOGOUT/STATUS UPDATE.....</i>	<i>23</i>

FIRMWARE VERSION 1.0.4.106

PRODUCT NAME

GXP1610, GXP1615, GXP1620, GXP1625, GXP1628 and GXP1630

DATE

03/08/2018

ENHANCEMENT

- Enhanced syslog to run on other ports instead of default port [SYSLOG ENHANCEMENT]
- Enhanced intercom options (including Intercom Mute, Intercom Tone) [INTERCOM ENHANCEMENT]
- Added auto provision starts when certain p-values are changed [PVALUES THAT TRIGGER AUTO PROVISION]
- Added attempt to download config files [ATTEMPT TO DOWNLOAD CONFIG FILE AGAIN]
- Enhanced pressing speaker key takes 10-15 seconds to respond from idle to call screen after reboot

BUG FIX

- Fixed softkey button doesn't work after logged in hoteling feature with Broadsoft
- Fixed 3CX phone provision with SIP NOTIFY Event header "check-sync;reboot=false" causes phone rebooting
- Fixed Phone leaves the stuck call in call park scenario with 3CX
- Fixed Phone does not send DND status back to PBX after 200OK for 3CX
- Remove MAC address in the "User-Agent" header of the SIP Register messages for 3CX
- Fixed Phone wrong sorting when using English and Czech phonebook contacts
- Fixed Phone does not remain the voice vlan when LLDP is set to voice vlan and voice-signaling vlan
- Fixed Phone is frozen after uploading wrong phone book

NEW FEATURES OVERVIEW

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

SYSLOG ENHANCEMENT

- **Web Configuration**

This option can be found under device web UI → Maintenance → Syslog → Syslog Server.

Syslog Server

172.18.XX.XX:80

- **Functionality**

By adding port number to the syslog server field, the phone will send syslog to the corresponding port of that IP.

- **Pvalue**

Pvalue	Description	Value Range	Default
P207	Syslog Server	String	N/A

INTERCOM ENHANCEMENT

- **Web Configuration**

There're two new options for Intercom feature. These options can be found under device web UI → Accounts → Account # → Intercom.

Mute on answer Intercom call No Yes

Play warning tone for Auto Answer Intercom No Yes

- **Functionality**

Now if phone receives intercom calls, and “Mute on answer intercom call” is enabled, when intercom calls are auto answered, phone will mute itself to increase privacy.

If “Play warning tone for auto answer Intercom” is enabled, when enabling auto answer, phone will play a warning tone to remind user that the intercom has been connected.

- **New Pvalue**

Pvalue	Description	Value Range	Default
P26071 (Account1) P26171 (Account 2) P26271 (Account 3)	<New Pvalue> Mute on answer Intercom call	Value = 0; No Value = 1; Yes	No
P26072 (Account1) P26172 (Account 2) P26272 (Account 3)	<New Pvalue> Play warning tone for Auto Answer Intercom	Value = 0; No Value = 1; Yes	No

PVALUES THAT TRIGGER AUTO PROVISION

- **Functionality**

If the p-values listed below are changed while managing configuration on web UI or LCD, the provision process will be triggered:

* 192 -- Firmware upgrade server

- * 232 -- Firmware prefix
- * 233 -- Firmware postfix
- * 6767 -- Firmware Upgrade Via
- * 6768 -- Firmware HTTP/HTTPS Username
- * 6769 -- Firmware HTTP/HTTPS Password
- * 237 -- Config upgrade Server
- * 212 -- Config upgrade via
- * 234 -- Config prefix
- * 235 -- Config postfix
- * 1360 -- Config HTTP/HTTPS username
- * 1361 -- Config HTTP/HTTPS password

ATTEMPT TO DOWNLOAD CONFIG FILE AGAIN

- **Functionality**

When doing provision on the phone, if your first config file contains p-values listed below, phone will try to download the potential second cfg.xml file and apply the second file without rebooting. Maximum 3 extra attempts. Those P-values are:

- *212 -- Config upgrade via
- *234 -- Config prefix
- *235 -- Config postfix
- *237 -- Config upgrade Server
- *240 – Authenticate Config File
- *1359 – XML Config File Password
- *8463 – Validate Server Certificate
- *8467 – Download and process ALL Available Config Files
- *20713 – Always authenticate before challenge
- *22011 – Bypass Proxy For
- *22030 – Enable SSL host verification for provision

FIRMWARE VERSION 1.0.4.100

PRODUCT NAME

GXP1610, GXP1615, GXP1620, GXP1625, GXP1628 and GXP1630

DATE

02/16/2018

ENHANCEMENT

- Added support for VPK share line to display description value [VPK SHARED LINE DESCRIPTION]
- Added option to enable BLF or speed dial VPK/MPK to perform blind transfer during active call [ENABLE TRANSFER VIA NON-TRANSFER MPK]
- Allowed LCD backlight to be always on or always off[SUPPORT TO ALLOW LCD BACKLIGHT ALWAYS ON]
- Added “Let's Encrypt” Validation for 3CX
- Added support to automatically log in web UI from server interface for 3CX [AUTOMATICALLY LOG IN FROM 3CX SERVER INTERFACE]
- Added uaCSTA support for 3CX [uaCSTA SUPPORT FOR 3CX]
- Added monitored call park MPK option and supported to be provisioned by 3CX
- Added Use SBC configuration for 3CX [USE SBC WITH 3CX]
- Added support for HTTPS server based on TLSv1.2
- Added option to disable user web access [USER WEB ACCESS]
- Enabled strong password for admin/user password [TEST PASSWORD STRENGTH]
- Force admin to change default password upon first time login
- Added option to include MAC address in the SIP User-Agent [USE MAC HEADER]
- Added Server Validation [SERVER VALIDATION]
- Added support for Cisco Discovery Protocol (CDP) [SUPPORT FOR CISCO DISCOVERY PROTOCOL (CDP)]
- Added option to choose either to override or append phonebook groups when a new XML file is uploaded [IMPORT GROUP METHOD]

BUG FIX

- Fixed Device carries two user-agent headers
- Fixed Device User-Agent carries error information
- Fixed Device gets frozen after uploading wrong phone book
- Fixed Device uploads group number abnormally
- Fixed Device gets frozen when uploading a phonebook with maximum contacts
- Fixed Import Phonebook Method is shown as XXXX
- Fixed Registration failure after setting up validate certificate chain to “Yes”

- Fixed Device takes too long to do failover from primary SIP server to secondary SIP server when SIP/TCP is set on the phone
- Fixed Device time zone is not updated after re-provisioning
- Updated Mozilla certificate files
- Updated Grandstream product certificate
- Fixed Device not sending RTP nor decoding RTP stream
- Fixed Recovery core replaces normal core issue
- Fixed Device does not provision if new configuration is the same as previous received configuration
- Fixed Server certificate validation not working
- Fixed Device cannot parse 3CX generated phonebook.xml
- Fixed Device crashes after answering the queue call with 3CX
- Fixed The number of contacts is not limited
- Fixed Device phonebook feature does not work correctly
- Fixed Device randomly crashes when switching fast between the lines
- Fixed Device always sends SIP requests to OBP port 5060 when configured as a different port
- Fixed Device does not send unregister after factory reset
- Fixed Device recognizes * as asterisk for 3CX CTI
- Fixed Device SNMP Trap Version works abnormally after modifying version
- Fixed User CA File Path
- Set Config upgrade via HTTPS & Firmware via HTTP as default value
- Fixed Wrong sorting issue when having English and Czech phonebook contacts
- Fixed There is no DHCP INFORM when ACS URL is not set
- Fixed Device cannot handle TCP packets that contain multiple SIP messages
- Fixed Modifying SIP SUBSCRIBE expiration doesn't trigger new registration/subscription

NEW FEATURES OVERVIEW

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

VPK SHARED LINE DESCRIPTION

- **Functionality**

If the VPK Description is set, it will show the description on the LCD screen. If the Description is left empty, Default value will be Account name.

ENABLE TRANSFER VIA NON-TRANSFER MPK

- **Web Configuration**

This option can be found under device web UI → Settings → Programmable Keys → Multi-Purpose Keys Settings → Enable transfer via non-Transfer MPK.

Enable transfer via non-Transfer
MPK No Yes

- **Functionality**

Now users can setup their VPK or MPK as BLF or Speed Dial, and use such VPK to perform transfer in active calls.

- **New Pvalue**

Pvalue	Description	Value Range	Default
P22162	<New Pvalue> Enable transfer via non-Transfer MPK	Value = 0; No Value = 1; Yes	No

SUPPORT TO ALLOW LCD BACKLIGHT ALWAYS ON

- **Web Configuration**

This option can be found under device web UI → Settings → Preferences → LCD Display → Active Backlight Timeout.

Active Backlight Timeout

- **Functionality**

When Active Backlight Timeout is set to 0, the backlight will be constantly on.

- **New Pvalue**

Pvalue	Description	Value Range	Default
P8356	Active Backlight Timeout	0(Always on), 1-90 (mins)	1

AUTOMATICALLY LOG IN FROM 3CX SERVER INTERFACE

- **Functionality**

Now users can log on to the phone's web UI from 3CX server by pressing the Phone UI with the correct provision and correct template.

uaCSTA SUPPORT FOR 3CX

- **Web Configuration**

This option can be found under device web UI → Network → Remote Control → CSTA Control.

CSTA Control Disabled Enabled

- **Functionality**

Now the users can use 3CX server with the CSTA enabled and have the following functions supported:

- Support for CSTA session establish through SIP INVITE
- Support for CSTA MonitorStart request through SIP INFO
- Support for CSTA MakeCall request through SIP INFO
- Support for CSTA AnswerCall request through SIP INFO
- Support to send CSTA DeliveredEvent request through SIP INFO

- **New Pvalue**

Pvalue	Description	Value Range	Default
P32053	<New Pvalue> CSTA Control	Value = 0; Disabled Value = 1; Enabled	Disable

USER WEB ACCESS

- **Web Configuration**

This option can be found under device web UI → Maintenance → Security Settings → Security → Enable User Web Access.

Enable User Web Access Disabled Enabled

- **Functionality**

When this option is disabled, the user account will no longer be able to log on to web GUI. This allow admin to be fully control for the phone.

- **New Pvalue**

Pvalue	Description	Value Range	Default
P8469	<New Pvalue> Enable User Web Access	Value = 0; Disabled Value = 1; Enabled	Disabled

TEST PASSWORD STRENGTH

- **Web Configuration**

This option can be found under device web UI → Settings → General Settings → Test Password Strength.

Test Password Strength No Yes

- **Functionality**

When choose Yes, users are able to set their password contains at least 3 out of these four categories:

1. Numerics (0-9)
2. Capital Letters (A-Z)
3. Lower Case Letters (a-z)
4. Special symbols: Eg: !, @, #, \$, %, ^, &*, (,), etc.

Also that the minimum characters should not be less than 9. This allows more security for the user/admin.

- **New Pvalue**

Pvalue	Description	Value Range	Default
P8468	<New Pvalue> Test Password Strength	Value = 0; No Value = 1; Yes	No

USE MAC HEADER

- **Web Configuration**

This option can be found under device web UI → Accounts → Account # → SIP Settings → Custom SIP Headers.

Use MAC Header No Yes

- **Functionality**

Now instead of showing in regular MAC field, we have included the MAC address into the User-Agent Field.

- **New Pvalue**

Pvalue	Description	Value Range	Default
P26061	Use MAC Header	Value = 0; User Name Value = 1; User ID	User Name

SERVER VALIDATION

- **Web Configuration**

This option can be found under device web UI → Maintenance → Security Settings → Security → Validate Server Certificate.

Validate Server Certificates No Yes

- **Functionality**

When enabling this feature, the phone will then validate the server's certificate. If the server that our phone tries to register on is not on our list, it will not allow server to access our phone.

- **New Pvalue**

Pvalue	Description	Value Range	Default
P8463	<New Pvalue> Validate Server Certificates	Value = 0; No Value = 1; Yes	Yes

SUPPORT FOR CISCO DISCOVERY PROTOCOL (CDP)

- **Web Configuration**

This option can be found under device web UI → Network → Advanced Settings → Enabled CDP.

Enable CDP Enabled Disabled

- **Functionality**

Allow user to enable/disable CDP feature which will allow the phone to receive CDP packets from the uplink. When CDP feature is enabled, make sure VLAN is also configured accordingly. It will need reboot to take effect for both enabling and disabling this feature.

- **New Pvalue**

Pvalue	Description	Value Range	Default
P22119	<New Pvalue> Enable CDP	Value = 0; Enabled Value = 1; Disabled	Enabled

IMPORT GROUP METHOD

- **Web Configuration**

This option can be found under device web UI → Phonebook → Phonebook management → Import Group Method.

Import Group Method Replace Append

- **Functionality**

Now when user imports a new phonebook, they can choose whether to replace the old phonebook groups or combine old phonebook and new phonebook together.

- **New Pvalue**

Pvalue	Description	Value Range	Default
P8462	<New Pvalue> Import Group Method	Value = 0; Replace Value = 1; Append	Replace

USE SBC WITH 3CX

- **Web Configuration**

This option can be found under device web UI → Accounts → Account # → Network Settings → Use SBC.

Use SBC

No Yes

- **Functionality**

Now if users want to work under SBC associated with 3CX, they should enable this feature to have better communication with the server.

- **New Pvalue**

Pvalue	Description	Value Range	Default
P26090 P26190 P26290	<New Pvalue> Use SBC	Value = 0; No Value = 1; Yes	No

FIRMWARE VERSION 1.0.4.88

PRODUCT NAME

GXP1610, GXP1615, GXP1620, GXP1625, GXP1628 and GXP1630

DATE

02/02/2018

BUG FIX

- Updated Grandstream product certificate
- Fixed Device couldn't upgrade to build 1.0.1.52 from 1.0.1.30 by HTTPS
- Fixed Device gets stuck in "Firmware update" page during HTTPS upgrading process
- Fixed Device works abnormal after registering with Freeswitch account without SIP TLS Private Key Password

FIRMWARE VERSION 1.0.4.82

PRODUCT NAME

GXP1610, GXP1615, GXP1620, GXP1625, GXP1628 and GXP1630

DATE

11/20/2017

ENHANCEMENT

- Added “Account Display” option to configure SIP account display label on LCD [ACCOUNT DISPLAY CONFIGURATION]
- Added “Disable VM/MSG Power Light Flash” option to enable/disable voicemail/message indication. [ENABLE/DISABLE VOICEMAIL INDICATION]
- Added web UI option to upload SSH public key for SSH access. [SUPPORT ACCESS SSH USING AUTHENTICATION KEYS]
- Added “Ring for Call Waiting” option to enable/disable ringing the speaker phone on call waiting. [SUPPORT RING FOR CALL WAITING]
- Added call forwarding configuration on web UI. [SUPPORT CALL FORWARD CONFIGURATION ON WEB UI]
- Added support for static/dynamic auto-attended transfer. [SUPPORT STATIC/DYNAMIC AUTO-ATTENDED TRANSFER]
- Added support for BLF server. [SUPPORT BLF SERVER CONFIGURATION]
- Added automatic redial support. [SUPPORT AUTOMATIC REDIAL]
- Added HTTP/HTTPS Username/Password configuration on LCD menu for firmware upgrading and provisioning. [SUPPORT HTTP(S) USERNAME/PASSWORD CONFIGURATION ON LCD FOR UPGRADE/CONFIG]
- Added blacklist/whitelist support in phonebook. [SUPPORT BLACKLIST/WHITELIST IN LOCAL PHONEBOOK]
- Added option to disable hook switch. [SUPPORT ENABLE/DISABLE HOOKSWITCH]
- Added notification tone value configuration [SUPPORT NOTIFICATION TONE VOLUME]
- Added SNMP support [SUPPORT SNMP]
- Added support for Genesys Agent Login/Logout and status update [SUPPORT GENESYS AGENT LOGIN/LOGOUT/STATUS UPDATE]
- Improved slow performance issue after phone is used for some time.
- Added Let’s Encrypt Root CA to Trusted CA
- Increased max length of dial plan from 512 to 1024 characters

BUG FIX

- Fixed phone is unable to generate second dial tone using dialplan

- Fixed local phonebook does not update the group assigned to new contact
- Fixed the standby server registration address displays incorrectly on the phone
- Fixed phone only shows 50 contacts for Broadsoft phonebook
- Fixed onhook dialing window disappears when there is an incoming call
- Fixed no audio issue when using with Genesys system
- Fixed multicast paging compatibility issue with other devices

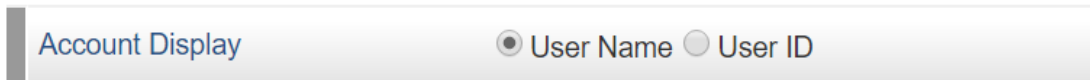
NEW FEATURES OVERVIEW

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

ACCOUNT DISPLAY CONFIGURATION

- **Web Configuration**

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



- **Functionality**

The user can configure how the account label is displayed on the phone for the SIP account. If set to "User Name", LCD account label will display the Account Name configured for this SIP account. If set to "User ID", it will then display the SIP User ID configured for this SIP account.

- **New Pvalue**

Pvalue	Description	Value Range	Default
P2380 (Account 1) P2480 (Account 2) P2580 (Account 3)	Account Display	Value = 0; User Name Value = 1; User ID	User Name

ENABLE/DISABLE VOICEMAIL INDICATION

- **Web Configuration**

This option "Disable VM/MSG Power Light Flash" can be found under device web UI → Settings → Preference → LED Control.

Settings

- General Settings
- Call Features
- Multicast Paging
- Preferences ≡
- Audio Control
- Date and Time
- LCD Display
- LED Control**
- Ring Tone

LED Control

Disable VM/MSG power light flash No Yes

Save

Save and Apply

Reset

- **Functionality**

This option controls the LED behavior upon new/unread Voicemail and Message. If set to “No”, the LED light will be flashing when there is unread Voicemail and Message. Otherwise, it will be off.

- **New Pvalue**

Pvalue	Description	Value Range	Default
P8371	Disable VM/MSG Power Light Flash	Value = 0; No Value = 1; Yes	No

SUPPORT ACCESS SSH USING AUTHENTICATION KEYS

- **Web Configuration**

The upload option for “SSH Public Key” can be found under device web UI→Maintenance->Security.

SSH Public Key

Upload

Delete

- **Functionality**

This option allows user to use authentication keys for SSH access. The public key should be loaded to phone’s web UI while the private key should be used in the SSH tool side. This will allow upcoming SSH access without password.

SUPPORT RING FOR CALL WAITING

- **Web Configuration**

The option “Ring for Call Waiting” can be found under device web UI→Settings->Call Features.

Ring For Call Waiting
 No Yes

- **Functionality**

This option allows user to configure whether the speaker phone will ring when there is new incoming call during an active call. If set to No, the user will hear call waiting tone. If set to Yes, the phone will ring using the speakerphone.

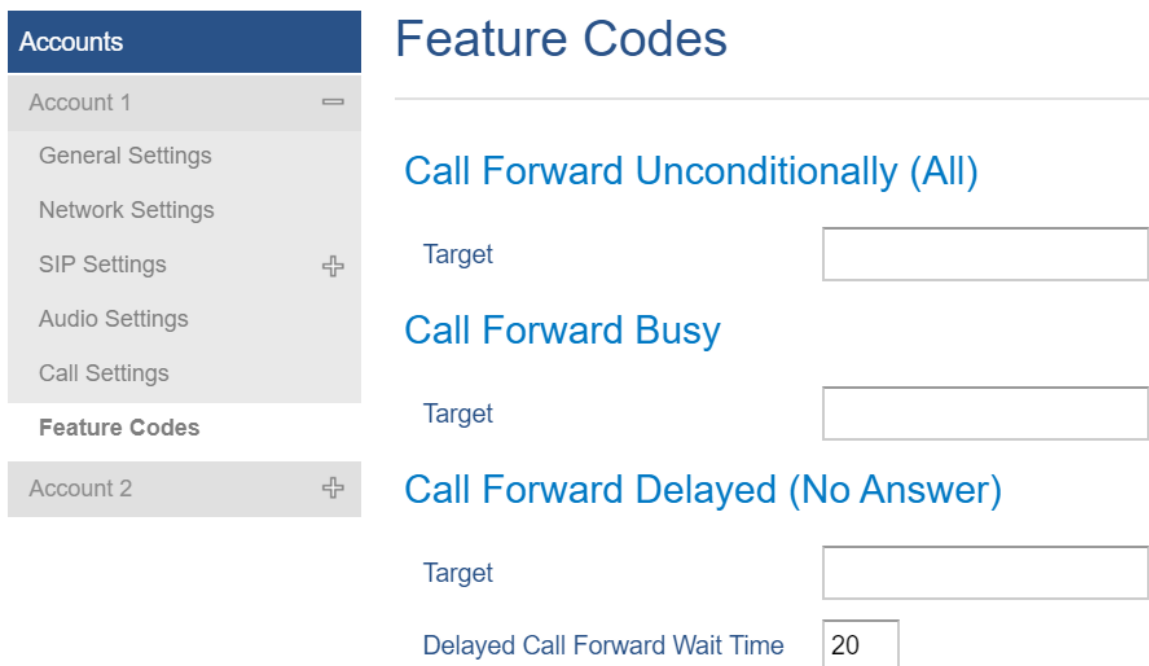
- **New Pvalue**

Pvalue	Description	Value Range	Default
P22102	Ring For Call Waiting	Value = 0; No Value = 1; Yes	No

SUPPORT CALL FORWARD CONFIGURATION ON WEB UI

- **Web Configuration**

Call forwarding configurations can be found under device web UI → Accounts → Account x → Feature Codes.



Accounts

Account 1 -

General Settings

Network Settings

SIP Settings +

Audio Settings

Call Settings

Feature Codes

Account 2 +

Feature Codes

Call Forward Unconditionally (All)

Target

Call Forward Busy

Target

Call Forward Delayed (No Answer)

Target

Delayed Call Forward Wait Time

- **Functionality**

In this web UI page, users can set Call Forward Unconditionally, Call Forward Busy and Call Forward Delayed (No Answer) for each SIP account.

- **New Pvalue**

Pvalue	Description	Value Range	Default
forward_0 (Account 1) forward_1 (Account 2) forward_2 (Account 3)	Call Forward Unconditionally (ALL) Target	String	None
busyForward_0 (Account 1) busyForward_1 (Account 2) busyForward_2 (Account 3)	Call Forward Busy Target	String	None
delayedForward_0 (Account 1) delayedForward_1 (Account 2) delayedForward_2 (Account 3)	Call Forward Delayed (No Answer) Target	String	None
P139 (Account 1) P470 (Account 2) P570 (Account 3)	Call Forward Delayed (No Answer) Delayed Call Forward Wait Time	Number	20

SUPPORT STATIC/DYNAMIC AUTO-ATTENDED TRANSFER

- **Web Configuration**

The option is “Attended Transfer Mode” which can be found under device web UI→Settings->Call Features.



- **Functionality**

When “Attended Transfer Mode” is set to “Static”, only “Blind Transfer” softkey is available on the call screen. If set to “Dynamic”, both “Blind Transfer” and “Attended Transfer” softkeys are available.

- **New Pvalue**

Pvalue	Description	Value Range	Default
P1376	Attended Transfer Mode	Value = 0; Static Value = 1; Dynamic	Static

SUPPORT BLF SERVER CONFIGURATION

- **Web Configuration**

The “BLF Server” option can be found under device web UI→Accounts->Account X->General Settings.

Secondary SIP Server	<input type="text"/>
Outbound Proxy	<input type="text"/>
Backup Outbound Proxy	<input type="text"/>
BLF Server	<input type="text"/>
SIP User ID	<input type="text"/>

BLF Server

Optional server used for SUBSCRIBE requests only.

- **Functionality**

When “BLF Server” is configured, the SUBSCRIBE request will be sent to this address for BLF.# BLF Server

- **New Pvalue**

Pvalue	Description	Value Range	Default
P2375 (Account 1) P2475 (Account 2) P2575 (Account 3)	BLF Server	String	None

SUPPORT AUTOMATIC REDIAL

- **Web Configuration**

Three options are added for this feature under web UI->Settings->Call Features.

- “Enable Automatic Redial”: Enable/disable automatic redial.
- “Automatic Redial Times”: This configures the number the times the phone will try to redial.
- “Automatic Redial Interval”: This configures the interval between each automatic redial.

Enable Automatic Redial No Yes

Automatic Redial Times

Automatic Redial Interval

- **Functionality**

When the phone dials a number and no answer, if automatic redial is enabled, the phone will prompt for redial. The redial attempt will be made at the “Automatic Redial Interval” for the number of times defined in “Automatic Redial Times”.

- **New Pvalue**

Pvalue	Description	Value Range	Default
P8353	Enable Automatic Redial	Value = 0; No Value = 1; Yes	No
P8354	Automatic Redial Times	Number 1 to 100	10
P8355	Automatic Redial Interval	Number 1 to 360	20

SUPPORT HTTP(S) USERNAME/PASSWORD CONFIGURATION ON LCD FOR UPGRADE/CONFIG


- **Functionality**

Previously HTTP/HTTPS Username/Password configuration for firmware upgrading/provisioning is only available on phone's web UI. Now this configuration is also available on phone's LCD menu. This setting can be found in LCD menu->System->Upgrade/Config.

SUPPORT BLACKLIST/WHITELIST IN LOCAL PHONEBOOK

- **Web Configuration**

Users can add a local phonebook contact to blacklist group or whitelist group.

Add Contact


First Name

Last Name

Favorite

Company

Department

Job

Job Title

Work

Home

Mobile

Accounts Account 1 ▾

Groups **Blacklist** **Whitelist** **Work**
 Friends **Family**

- **Functionality**

If the contact number belongs to Blacklist group, the call from this number will be blocked. If the contact number belongs to Whitelist group, when the phone is on DND mode, the call from whitelist number will be allowed.

SUPPORT ENABLE/DISABLE HOOKSWITCH

- **Web Configuration**

This option “Disable Hook Switch” can be found under web UI->Settings->Call Features.

Disable Hook Switch No Yes For Answering Call

- **Functionality**

When the user disables hook switch, the hook switch will not work to trigger onhook/offhook. If option “Disable Hook Switch” is set to “For Answering Call”, the phone’s hook switch will not work to answer the call. The user will need to press softkey or speaker/headset/line hardkey to answer the call.

- **New Pvalue**

Pvalue	Description	Value Range	Default
P6763	Disable Hook Switch	Value = 0; No Value = 1; Yes Value = 2; For Answering Call	No

SUPPORT NOTIFICATION TONE VOLUME

- **Web Configuration**

Notification tone volume can be adjusted under web UI->Settings->Ring Tone.

Notification Tone Volume

- **Functionality**

The volume for paging, intercom, auto answer call and call hold reminder beep notification can be adjusted using this option.

- **New Pvalue**

Pvalue	Description	Value Range	Default
P8399	Notification Tone Volume	Value = 0 to 7	4

SUPPORT SNMP

- **Web Configuration**

SNMP configuration can be found under phone's web UI->Network->SNMP Settings.

SNMP Settings

Enable SNMP	<input type="radio"/> Yes <input checked="" type="radio"/> No
SNMP Trap Community	<input type="text"/>
SNMP Trap IP	<input type="text"/>
SNMP Trap Port	<input type="text" value="162"/>
SNMP Trap Version	<input checked="" type="radio"/> Version 1 <input type="radio"/> Version 2
SNMP Trap Interval	<input type="text" value="5"/>

- **New Pvalue**

Pvalue	Description	Value Range	Default
P21896	Enable SNMP	Value = 0; No Value = 1; Yes	0
P21900	SNMP Trap Community	String	
P21897	SNMP Trap IP	String	
P21898	SNMP Trap Port	Number: 1025 to 65535	162
P21899	SNMP Trap Version	Value = 0; Version 1 Value = 1; Version 2	Version 1
P21901	SNMP Trap Interval	Number: 1 to 1440	5

SUPPORT GENESYS AGENT LOGIN/LOGOUT/STATUS UPDATE

- **Web Configuration**

The Genesys agent login/logout/status feature can be enabled by below settings. Those options can be found under phone's web UI->Accounts->Account X->SIP Settings->Advanced Features. Notification tone volume can be adjusted under web UI->Settings->Ring Tone.

Enable User Presence Subscription	<input type="radio"/> No <input checked="" type="radio"/> Yes
Hide Login Soft Key On Auto User Presence Subscription	<input checked="" type="radio"/> No <input type="radio"/> Yes
Auto User Presence ID	<input type="text"/>
Auto User Presence password	<input type="text"/>

- **Functionality**

To enable this feature, register Genesys account on GXP16xx's SIP account first. Then on the GXP16xx web UI->Accounts->Account X->SIP Settings->Advanced Features:

- "Enable User Presence Subscription": Yes
- "Hide Login Soft Key On Auto User Presence Subscription": No
- "Auto User Presence ID": The phone will subscribe user presence automatically with this ID once the account is registered.
- "Auto User Presence Password": The phone will subscribe user presence automatically with this password once the account is registered.

A softkey "Genesys" will display on the idle screen. Press the softkey to view and update agent status.

- **New Pvalue**

Pvalue	Description	Value Range	Default
P2353 (Account 1) P2453 (Account 2) P2553 (Account 3)	Enable User Presence Subscription	Value = 0; No Value = 1; Yes	0
P2354 (Account 1) P2454 (Account 2) P2554 (Account 3)	Hide Login Soft Key On Auto User Presence Subscription	Value = 0; No Value = 1; Yes	1
P2351 (Account 1) P2451 (Account 2) P2551 (Account 3)	Auto User Presence ID	String	
P2352 (Account 1) P2452 (Account 2) P2552 (Account 3)	Auto User Presence Password	String	