Firmware Release Notes
Firmware Version 1.0.8.6
Name of Product  GXP2100/2110/2120/2124/1450/1400/1405/1160/1165/1100/1105
Date October 16, 2015

Changes since firmware release 1.0.8.4

Bug Fixes

- Fixed Dial plan prefix does not work when dialing a number from call history
- Fixed Currency XML application does not work
- Fixed Inverted LCD Hebrew Strings in Account Name and Incoming Calls
- Fixed Hide passwords from command line
- Fixed Admin password can be changed using end-user login
- Fixed Device rings dial tone after establishing conferences with the LINE key
- Fixed Pressing Voicemail button makes the phone Freeze
- Fixed SIP TLS Private key and certificate cannot be provisioned using XML
- Fixed Show SIP Message text content on LCD screen

Enhancements

- Added "Delete All Contacts" Button on Phonebook
- Add ability to dial directly LDAP contacts via softkey or dial button
- Adjusted Hebrew Font to a smaller size
- Added ability to filter characters from dialed numbers
- Updated logo for web UI

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Firmware Version 1.0.8.4
Name of Product  GXP2100/2110/2120/2124/1450/1400/1405/1160/1165/1100/1105
Date May 6, 2015

Summary of Updates

The main purpose of this release is to address the remaining issues observed in previous releases.

NOTE:

Once upgraded to 1.0.7.8 and above, downgrading to any previous firmware version is not supported.

Changes since firmware release 1.0.7.11

Bug Fixes

- Fixed phone crash issue associated with SIP OPTIONS
- Fixed phone sends MOH URI INVITE with incomplete From header
- Updated Hebrew language missing strings
- Fixed Secondary SIP Server was modified successfully after turning on provider lock
- Fixed SIP TLS Private Key and Certificate cannot be provisioned using XML file
• Fixed phone will use random port as REGISTER and INVITE port after unplugging and re-plugging network cable
• Fixed phone cannot receive incoming calls under certain conditions
• Fixed phone freezes on conference page after long time conference on PCMU
• Fixed phone behaves abnormally if entering audio loopback when enable HEADSET Key Mode
• Fixed Phonebook export/upload are accessible without authentication request
• Updated New Zealand time zone
• Updated Russian Time Zone settings
• Fixed phone does not stop the RTP after BYE and get mixed on subsequent calls
• Fixed changing configuration does not take effect under certain conditions
• Fixed rejecting a call on "Audio Loopback" page would result in sound lost
• Fixed volume setting is incorrect if adjusting it under headset mode
• Fixed phone fallbacks to PCMU upon re-invite during the session
• Fixed phone crashed after switching audio mode during a call
• Fixed DNS-SRV connection failed if first option is unavailable using TCP
• Fixed Phonebook containing Cyrillic characters is not sorted by alphabetical order
• Fixed phone cannot enter Audio Loopback when it is in headset mode
• Fixed audio channel in audio loopback is error after enabling Toggle Headset/Speaker mode
• Fixed there was no audio after 14min conversation when using SRTP enabled and forced
• Fixed phone crashes when configured with long dial plan after registering to SIP server
• Fixed phone drops calls on re-INVITE
• Fixed no dial tone and unable to make or receive calls after weekend
• Fixed SRTP with TLS SIP Transport - no voice speech path after secondary server is disconnected while having an active call on primary server
• Fixed TCP port 4 is open when logging in from phone UI
• Fixed no language cursor change when switching Auto/Downloaded to the language same as current one in LCD mode
• Fixed failed to change LCD language after factory reset
• Fixed pressing Line key when phone is downloading phonebook will lead abnormal display on LCD
• Fixed there is no audio channel icon and no sound on audio loopback page after entering and exiting audio loopback page continuously
• Fixed LCD display is abnormal when transfer a call
• Fixed phone plays busy tone in audio loopback mode after remote party ends the call
• Fixed failed to dial Voice Mail via MPK in dial page
• Fixed audio does not stop after sending number with * and no call feature is set

ENHANCEMENTS

• Added option to ignore Alert-Info header when used for distinctive ringtone
• Added dual Outbound SIP Proxy support
• Added support for sending SIP Option messages to verify connectivity to the SIP server
• Added option to select Call Pickup mode
• Added support of OPTION 160
• Enabled the HTTP(S) ID/Password prompt
• Added option to disable the Call park subscription
• Added support to check the status of registration to Action URI

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Firmware Version 1.0.7.11
Name of Product  GXP2100/2110/2120/2124/1450/1400/1405/1160/1165/1100/1105
DATE APRIL 12, 2015

CHANGES SINCE Firmware RELEASE 1.0.7.8

BUG FIXES

- Updated New Zealand time zone settings
- Updated Russian Time Zone settings
- Fixed phone does not stop the RTP after BYE and get mixed on subsequent calls

ENHANCEMENTS

- Added support to disable the Call park subscription
- Added support of DHCP OPTION 160
- Enabled HTTP(S) ID/Pass prompt

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Firmware Version 1.0.7.8
Name of Product GXP2100/2110/2120/2124/1450/1400/1405/1160/1165/1100/1105
Date February 20, 2015

CHANGES SINCE Firmware RELEASE 1.0.7.4

BUG FIXES

- Fixed potential security issue for unauthorized access to product configuration

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Firmware Version 1.0.7.4
Name of Product GXP2100/2110/2120/2124/1450/1400/1405/1160/1165/1100/1105
Date November 4, 2014

CHANGES SINCE Firmware RELEASE 1.0.6.11

BUG FIXES

- Fixed cannot change Web UI display language to Czech
- Fixed BroadSoft interop: CONF+BLF use Broadsoft ID instead of Extension number
- Fixed BroadSoft interop: TRANS+BLF use Broadsoft ID instead of Extension number
- Fixed proxy server failover with DNS NAPTR/SVR and TCP SIP transport failing
- Fixed Disable Call Waiting also worked in ringing status
- Fixed [Anatel]: BYE request sent to the wrong proxy/IP based on the route set
- Fixed crash after press transfer key in auto-attended transfer
- Fixed phone cannot send out TCP packets after changing IP
- Fixed phone doesn't display the complete extension in "dial" screen, if the extension consists of more than 10 digits
- Fixed phone does not play custom ring tone if phone receives a call on line 2
- Fixed when Ethernet cable is disconnected, "NETWORK DOWN" status will disappear after DHCP lease time passed
- Fixed phone failed to handle refer and early media during transfer with Genesis platform
- Fixed no audio after 14min conversation when using SRTP Enabled and Forced
- Fixed SIP Server and Outbound Proxy cannot be configured with host address like x.x.x.0
- Fixed BLF get stuck with Portaone Softswitch
Fixed phone should not update the called party name from UPDATE message during an active call
Fixed audio mode was wrong after recovering held call
Fixed 3CX Call Park Retrieval (Shared Parking)
Fixed high noise level when using RJ9 headset
Fixed phone always display "loading user data" when viewing call history and pressing up\down\left\right arrow are all invalid
Fixed Web page displayed abnormally after pressing Save button directly on web access page
Fixed Fonax: new password in web access page can be reset after resetting phone
Fixed need to wait for NOTIFY upon transfer
Fixed phone does not apply the ZeroConfig Server Path coming from the SIP NOTIFY
Fixed Device crashed after downloading config file
Fixed Device crashed in Public mode when download phonebook after reboot
Fixed Name on Account general settings page didn't work
Fixed LCD wouldn't display MUTE icon when pressing MUTE button if "Enable Idle Mute" function has been enabled
Fixed clearing Outbound Proxy will return to the default value
Fixed Setting public mode to "No" does not take effect after reboot
Fixed Device worked abnormally when log in Public mode
Fixed LCD popped up login page after reboot in Public Mode
Fixed Unregister on reboot option should only clear phone contact

**Enhancements**

- Updated Spanish LCD language strings
- Added Multicast Paging support
- Added support to disable SIP NOTIFY Authentication
- Added support to Map Polish characters in phonebook entries

Firmware Version 1.0.6.11
Name of Product GXP2100/2110/2120/2124/1450/1400/1405/1160/1165/1100/1105
Date August 5, 2014

**Changes Since Firmware Release 1.0.6.7**

**Bug Fixes**

- Disabled RTCP temporarily to avoid the no audio issue only when SRTP is used
- Checked the LCD PN number to display network icon and network boarder icon
- Fixed HTTP GET provisioning request displays HTTP username/password in plain text
- Fixed phone shows IP 0.0.0.0 randomly
- [Siemens IOT] Added an option, Disable Multiple m line in SDP, to send only 1 m line or multiple m lines
- Fixed phone switched audio channel from handset to speaker automatically when initiating a quick conference call
- Fixed phone crashes on receiving incoming calls with remote-party-id header
- Fixed conference fails when using # as send key
- Fixed device worked abnormally after downloading configuration file
- Updated the wrong string number on the short string file (applies only to gxp1150/1160/1400)
- Added missing tool tip for flash writing option on web settings/call features page
- Added an attempt to fix random crash issue
- Fixed phone will do a Blind Transfer if "End Call" soft button is pressed during auto-attended transfer
- Fixed SIP NOTIFY with "resync" event rebooted the phone
- Fixed phone cannot dial out if starts with * in on-hook dialing mode
ENHANCEMENTS

- Added support for HTTP CTI feature
- Added support for inserting pauses into speed dials and phone book entries
- Added PC port VLAN support
- Added support for Svenska language
- Added phone power special feature to gxp116x/gxp14xx
- Added support for incoming subscription with dialog event to send NOTIFY once after 202
- Added time and date menu

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Firmware Version 1.0.6.7
Name of Product   GXP2100/2110/2120/2124/1450/1400/1405/1160/1165/1100/1105
Date May 5, 2014

CHANGES SINCE FIRMWARE RELEASE 1.0.5.58

BUG FIXES

- Fixed 3CX prompt not fully heard on the phone
- Fixed phone sends BYE if it does not receive ACK after 200 OK response for update
- Fixed GXP116x digit gets dialed twice randomly
- Fixed gxp21xx lost side tone under some conditions
- Fixed 3CXv12 CTI - Slow Dialing

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Firmware Version 1.0.5.58
Name of Product   GXP2100/2110/2120/2124/1450/1400/1405/1160/1165/1100/1105
Date February 21, 2014

CHANGES SINCE FIRMWARE RELEASE 1.0.5.32

BUG FIXES

- Fixed phone plays incoming call ringtone with low volume when volume level set to zero
- Fixed random crash with parsing NOTIFY messages with reg event
- Fixed Dial Plan cannot remove ' ' from LDAP phone number entry
- Fixed Click-to-dial feature cannot be disabled
- Fixed phone does not display the booting info normally when the Display language is Russian and some other languages
- Fixed phone sends Subscribe after timeout to wrong destination under certain conditions
- Fixed BLF call pick up does not use the remote elements
- Fixed phone does not fetch new firmware when firmware prefix parameter is changed
- Fixed time zone setting via config file does not take effect until after manual reboot
- Fixed callee cannot hear the DTMF voice when caller is using MPK to dial DTMF
- Fixed LDAP search result display is incomplete
- Fixed incoming calls are answered in mute mode under certain conditions
- Fixed phone ignores UPDATE message and does not change the calling party info in call transfer case
- Fixed EHS issues reported by Plantronics
- Fixed WEB UI does not show complete configuration of the Extension Board
- Fixed Music on hold not working. Added an web option for "Hold Method" (P value 2361)
- Fixed Fetch data using cURL vulnerability
- Fixed CNAM display has been reduced to 10 characters
- Fixed phone got stuck after upgrade/downgrade using HTTP MV-IPTEL server
- Fixed GenBand Interop: GXP21xx N-way Conference does not send out REFER
- Fixed phone displays the conference setup screen when phone is already in 3 way conference
- Fixed phone displays "Talking To" when using other languages
- Fixed phone does not take its time from SIP REGISTER message
- Fixed phone plays dial tone when switched audio mode from EHS to handset
- Fixed some info display error on web page
- Fixed incorrect Chinese translation for headset

**Enhancements**

- Added support for Second Dial Tone
- Added support to send A,B,C and D characters as RFC2833 DTMF
- Added Phonebook sorting option in Web UI
- Added support for Public Mode auto logout
- Added RTCP support
- Added option to enable/disable Crypto life time when using SRTP
- Added support to display PAI in UPDATE
- Changed from sendonly to inactive on hold INVITE SDP with new option "Hold method" with RFC 3264
- Updated OpenSSL CA bundle
- Updated LCD and Web UI language string files
- Added Handset RX Gain (dB) for GXP2124
- Added handset TX gain 12/18 dB
- Added UCM active feature code support
- Added UCM server detection feature.
- Added support to display NTP server information on both LCD and web UI

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Firmware Version 1.0.5.32
Name of Product  GXP2100/2110/2120/2124/1450/1400/1405/1160/1165
Date September 27, 2013

**Changes Since Firmware Release 1.0.5.26**

**Bug Fixes**

- Fixed inverted LCD Hebrew string display
- Fixed audio is cutoff upon answering a call
- Fixed phone cannot set Japanese via Web interface
- Fixed phone is not able to resume the call using hold button if headset softkey is pressed on hold call
- Fixed Contacts are not synchronized between phonebook on Web interface and phonebook on phone when changing phone to public mode
- Fixed When there is an account registered, after cancel a direct IP call, callee still rings
- Fixed automatic Upgrade (daily or weekly) is not obeying the set parameters
- Fixed check New Firmware Only When F/W pre/suffix changes function does not work
- Reduced audio delay when SRTP is in use

**Enhancements**

- Added warning window display when key pad is locked with star key
- Added "+" in input string
- Added HTTPS support for WebUI access
- Changed “Network” to “Network Config” in LCD main menu
- German translation update (GUI/LCD)
- French translation update (GUI/LCD)
- Russian translation update (GUI/LCD)
- Hebrew translation update

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Firmware Version 1.0.5.26
Name of Product  GXP2100/2110/2120/2124/1450/1400/1405/1160/1165/1100/1105
Date: June 28, 2013

CHANGES SINCE FIRMWARE RELEASE 1.0.5.24

BUG FIXES

- Fixed phone GUI crash when login under public mode if the records of call history are more than 200
- Fixed phone will block when it’s called via sipp scripts
- Fixed Using configured IP in DNS mode is invalid
- Fixed Pressing left arrow key in Phone Book page ,it will come back to idle screen
- Fixed phone can log out under public mode via 3CX command when it is in a call
- Fixed calls from call log bypass the dial plan check
- Fixed phone turns on line LED with idle screen on pressing redial key when the redial number is set to *30123
- Fixed parked call pickup does work
- Fixed phone stuck in BLF RED Solid state
- Fixed GXP2124 crashed in idle stage
- Fixed CPE sends incomplete info to ACS server
- Fixed 3CX CTI issue when using * and #
- Fixed TR-069: SPV for time zone not applied correctly using UTC+0100
- Fixed TR-069: SPV for Nederlands language not working
- Fixed soft key displays error on Manage Group page
- Fixed downloaded language file not loading automatically after rebooting
- Fixed phone sends CANCEL to SIP server instead of OBP when "Remove OBP From Route" is set to "Yes"

ENHANCEMENTS

- Added the volume control support on headset
- Added “Disable Notify Authentication” when there is no SIP account configured
- Added support for CTI Feature
- Added support to fast blink the voicemail indicator LED for incoming calls for GXP11xx

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Firmware Version 1.0.5.24
Name of Product  GXP2100/2110/2120/2124/1450/1400/1405/1160/1165/1100/1105
Date: April 29, 2013

CHANGES SINCE FIRMWARE RELEASE 1.0.5.23

BUG FIXES

- Fixed HTTP GET request uses HTTP 1.1 causing XML provisioning fail
- Fixed WEB limit for SIP TLS Certificate
- Fixed phone will crash after uploading a file size of 10M
- Fixed phone crashes when download ring file

GRANDSTREAM NETWORKS  Release Notes for F/W 1.0.8.6  10/2015
- Fixed phone canceling another call will crash after Auto-Attended Transfer
- Fixed phone won't boot up after incomplete firmware file download and upgrade

**Enhancements**

- Added ability to enable/disable LLDP and/or LLDP-MED
- Added option to enable/disable MUTE key as DND

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Firmware Version 1.0.5.23  
Name of Product: GXP2100/2110/2120/2124/1450/1400/1405/1100/1105/1160/1165  
Date: April 2, 2013

**Changes Since Firmware Release 1.0.5.15**

**Bug Fixes**

- Fixed LLDP feature not working
- Fixed Account 5 ring timeout on web refers to the wrong pvalue
- Fixed phone plays ring back tone after call is answered
- Fixed phone stuck on white screen after firmware upgrade under certain conditions

**Enhancements**

- Added 3CX CTI support
- gs_cpe updated to 1.0.1.31
- Removed SIP user ID and SIP server's information from the status page
- Added support for contacts with "#" and "***" in Phone Number field on Web GUI

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Firmware Version 1.0.5.15  
Name of Product: GXP2100/2110/2120/2124/1450/1400/1405/1100/1105/1160/1165  
Date: December 31, 2012

**Changes Since Firmware Release 1.0.5.14**

**Bug Fixes**

- Fixed 3-way conference not working on GXP110x with incoming calls
- Fixed BLF doesn't update LED status after rebooting GXE
- Fixed GXP21xx phones stop on aux when doing auto upgrade

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Firmware Version 1.0.5.14  
Name of Product: GXP2100/2110/2120/2124/1450/1400/1405/1100/1105/1160/1165  
Date: December 17, 2012

**Changes Since Firmware Release 1.0.4.23**

**Bug Fixes**

- Fixed BLF LEDs do not light up on EXT Board
- Fixed GXP116x does not show status for click to dial function
- Fixed BroadSoft Interop: Call Features configuration blocked for Shared Line account
- Fixed Broadsoft Interop: Authenticate Incoming Invite option does not exist in web UI
- Fixed MWI does not light up after reboot when there are voice mail message(s)
• Fixed BroadSoft Interop: Feature Key Sync, Call Forward Always Ring Splash shows wrong missed call number
• Fixed P value is not using number for HTTP/HTTPS proxy
• Fixed phone stops on aux when doing auto upgrade performance.
• Fixed downloaded language file does not load automatically after rebooting
• Fixed missing 3 way conference option in GXP110x
• Fixed "Disable" function of "Click-To-Dial Feature" does not work
• Fixed only account 2: WEB will display blank value when configuring "Use P-Preferred-Identity Header " with "Yes"
• Fixed continuous clicking "save" for a few times results in adding many same contacts
• Fixed display Language on Language page error
• Fixed phone does not send 200OK on time on incoming calls
• Fixed group name is overlapped when its name is very long
• Fixed year of system time displays incompletely
• Fixed phone behaves abnormally when uses EHS to answer second call
• Fixed phone not sending RTP when voice code choose ILBC and the iLBC frame size choose 20ms
• Fixed phone not handling RFC3891 correctly
• Fixed IP displayed as 0.0.0.0 on telnet status and Phone GUI when VLAN Tag is used
• Fixed phone loses VLAN tag randomly and loses the network connection
• Fixed HTTP/HTTPS language file downloading does not use authentication
• Fixed phone does not send its certificate for MutualTLS authentication to download language file/XML
Idle Screen and Phonebook
• Fixed LDAP Number Filter's value can't change to any other value when configuring LDAP Name Filter together
• Fixed LDAP Name Filter and LDAP Number Filter are all changed to a syblem ( when configure LDAP Name Filter with (&(telephoneNumber=5384)(userPassword=1234))
• Fixed TR-069: Connection Request Username/Password fields don't accept dash
• Fixed DTMF cannot be recognized when pressing fast with duplicate digits
• Fixed phone sends back multiple codecs in 200 OK
• Fixed GXP110x do not send invite after pressing MPK which configure with 3-way conference to invite the third party
• Fixed PhoneBook entries in Arabic are not displayed correctly
• Fixed some contacts with special chars seem empty in phonebook
• Fixed LCD display error account info under public mode
• Fixed phone soft key display abnormal after some operation
• Fixed GXP110x does not have 3-way conference options
• Fixed GXP2100's SwitchSCR soft key displays incompletely after downloading and erasing SCR XML
• Fixed phone will not play a "ring tone" when the first call is on hold via pressing CONF button ,what it plays is "call waiting tone"
• Fixed GXP1400 V1.6A phone's PC port fails to connect to RTL8319 PCI Ethernet card
• Fixed MPK doesn't display correct status when server send "notify-state" instead of "state"
• Fixed phone does not use the complete user name configured in the LDAP bind Request
• Fixed LCD don't display the option edit and dial when we do search on phone book
• Fixed phone behaves abnormally when phone is at dialing status and answers a call
• Fixed phone GUI crashes when delete idle screen and during this time answers a call
• Fixed LCD doesn't change to answer screen when downloading idle screen and there is an incoming call
• Fixed update configuration on time zone results in a short-lived time
• Fixed changing language causes white screen display
• Fixed "Grandstream" characters on web appear and disappear after phone's configuration updated
• Fixed call feature is still set after the input number is cleared
• Fixed soft key doesn't work during some special operations
• Fixed can't hold the third party in the progress of making a conference
• Fixed creating new groups causes GUI freezing sometimes
• Fixed alert-info doesn't work if using name
• Fixed user needs to press MUTE twice to unmute
• Fixed line status change error when making a call from web UI
• Fixed web UI does not display the second call’s status
• Removed "Downloading SCR XML" message when refreshing screen with SIP Notify
• Fixed Manage Group interface does not have dial soft key, so we can’t make a call directly from Manage Group interface
• Fixed P value is not using numbers for HTTP/HTTPS proxy

**Enhancements**

• Added support for Music on Hold via remote URI
• Added suggestions for Admin setting and end user setting options
• Added support for more 802.1x Authentication methods
• Added STAR key Keypad locking Settings on Phone’s GUI
• Added a new P value to Enable/Disable “click to dial” function
• Added displaying page up/page down only if we cannot display the list within one page
• Added new web interfaces for configuration
• Added support for “Accept Incoming SIP from Proxy Only”
• Added display support for Power Source. If it is supported, a new option will be shown under LCD Status MENU
• Added support to update display after transfer
• Added "Phonebook" soft key on call screen
• Added support for DND button to be configurable from web GUI
• Added support to Increase/Decrease Stutter Tone gain
• Added support for prefix or postfix in ring files request
• Added support for special characters to be part of any password protection
• Added support to "Authenticate Incoming INVITE"
• Added "ringtone" instead of "call waiting tone" for incoming call while a first call is on hold
• Added IP information display on public mode login screen
• Added support to Increase/Decrease Call Waiting Tone gain
• Added time zone for Panama
• Added hard key support to exit XML Application on GXP2124
• Added feature only allow one call can use G729 codec in a conference
• Added BroadSoft call center feature

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Firmware Version 1.0.4.23
Name of Product  GXP2100/2110/2120/2124/1450/1400/1405/1100/1105
Date: September 24, 2012

**Changes since Firmware Release 1.0.3.30**

**Bug Fixes**

• Fixed phone does not send its certificate for MutualTLS authentication to download language file/XML Idle Screen and Phonebook
• FixedGXP1400 V1.6A phone’s PC port fails to connect to RTL8319 PCI Ethernet card
• Fixed IP displayed as 0.0.0.0 on telnet status and Phone GUI when VLAN Tag is used
• Fixed Phone loses VLAN tag randomly and loses the network connection
• Fixed Phone does not authenticate itself with HTTP/HTTPS credentials when downloading language file
• Fixed rc.network.ipv6 overwrites wan_device with ‘eth0’ and ignores configured VLAN tag
• Fixed pressing digit on transferring and conference interface will cause LCD display some wrong icons
• Fixed GXP21xx should not have the 3_way_conference function for key mode or MPK
• Fixed MPK doesn’t display correct status when server send “notify-state” instead of “state”
- Fixed pressing Page Up and Page Down softkeys are all invalid on call history and phonebook
- Fixed gxp21xx phones request gs_phonebook.xml instead of phonebook.xml on downloading phonebook xml file

**Enhancements**

- Keep missed call status icon after power cycle
- Added configuration parameter to block/hide DND from menu Preference → Do Not Disturb
- Changed language file name to language.txt
- Changed phonebook file name to phonebook.xml
- Changed idle screen file name to idle_screen.xml

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**Firmware Version 1.0.4.9**
**Name of Product** GXP2100/GXP2110/GXP2120/GXP1450/GXP1400/GXP1405/GXP1100/GXP1105
**Date:** July 3, 2012

**Changes Since Firmware Release 1.0.3.30**

**Bug Fixes**

- Fixed picking up the handset cannot answer the second call when pressing conference button
- Fixed phone reboots slowly when network cable is disconnected
- Fixed Caller ID not displayed on ringing status
- Fixed pressing line which configured key mode is speed dial via active account doesn't have any response
- Fixed phone gets in a reboot loop when using certain invalid values in config file
- Fixed XML application: Line key needs to be pressed twice to show call screen
- Fixed GXP14XX sending currency and stock updates requests
- Fixed phone can't delete the second entry when deleting an entry on phone book during a call
- Fixed LCD displays abnormally when building a conference via MPK
- Broadsoft interop: Fixed GXP21xx does not display AoC information
- Fixed the icon of Feature Key Synchronization do not synchronous between phone and server
- GXP2124: Fixed phone displays hold softkey when set Auto_Attended transfer during a call
- Fixed DND function does not work after LCD shows the update warning widow
- Fixed LCD displays abnormally when line key is used as MPK and does other operations
- Fixed a redundant colon display on web page
- BroadSoft interop: Fixed phone fails to update "No Answer Timeout" based on Feature Key Sync NOTFY
- Fixed phone does not limit pressing letters when filter condition is " Numbers"
- Fixed cancel softkey doesn't work after pressing speaker on the building 4WC screen
- Fixed phone appears freeze after reboot under certain conditions
- Fixed GXP11XX: phone crashes when transfer to an non-exist number when phone starts Auto_Attended transfer
- Fixed MPK which configured with LDAP Search does not support filter contains &
- Fixed phone does not have ring tone and LED of MPK light turns off after Call Park
- Fixed GXP14XX: phone choose Arabic language , more softkey display black part on idle status
- Fixed GXP14XX: DND button do not work sometimes
- Fixed phone can't download phonebook with public mode
- Fixed phone GUI crashes when Auto_Attended transfer is enabled and some operation is done
- Fixed phone LCD does not display Reconf softkey when conference was put on hold
- Fixed at stock screen, the left arrow can't realize flipped over function
- Fixed phone audio loopback don't work when pressing Mute button during a call or during dialing
- Fixed phone stays at 'reading configuration' for about 40s after reboot
Fixed cancel softkey does not work when continuously pressing CONF button and cancel softkey after phone builds a conference
Fixed phone stays at 'reading configuration options' screen when setting configuration about idle screen
Fixed Public Mode does not correctly
Fixed GXP2120: MUTE icon does not disappear on dial status when exiting the function
Fixed softkey displays abnormaly during a call
Fixed phone requests gxp.txt using HTTP even if HTTPS is selected
Fixed XML Application: AppendInputURL misses "&" to append input to existed variable
Fixed phone freezes when download phonebook and auto answer a call
Fixed phone on hook causes an abnormal result during call transfer
Fixed some of the GUI update issues
Fixed HTTPS option not available in upgrade via menu
Fixed GXP21xx does not restart phone on backup SIP server change
Fixed pressing dial softkey is invalid with special configuration
Fixed pressing end call softkey is invalid when adding pressing phonebook button during calling
Fixed cannot dial via voicemail key when phone is offhook
Fixed phone crashes when IP server path write IP and certain special character
Fixed pressing AnswerCall softkey or RejectCall softkey for second incoming call are all invalid
Fixed GXP1400 shows unsupported option BLF/evenlist BLF/Presence Watcher from Key Mode under basic settings page
Fixed GXP21xx crashes when a user keeps doing hold and unhold operations by switching lines
Fixed phone LCD does not show date information when the P value about it set as 5
Fixed GUI crashes when LDAP Display Name is configured with a few same valid values
Fixed phone crashes when incoming INVITE and outgoing SUBSCRIBE at the same time, they got same transactionID
Fixed LCD switches language, stays at "language switching" screen
Fixed part of LCD show white screen when making a call via call history
Fixed x-gs-screen does not work using SIP NOTIFY
Fixed GXP21xx takes 3 seconds to send REFER when Semi-Attended transfer is performed
Changed minimum weather update interval to 5 min, default update interval to 15 min
Reversed softkey label 123<->ABC IPv4<->IPv6
Added web GUI->Advanced settings, Layer 3 QoS does not have valid range of values or error message when the value is invalid
Fixed GXP2110 web page can't save the MPK function after update
Fixed Jitter buffer options missing in web GUI
Fixed GXP2124/2100 PoE reboot from ringer & HF high current
Fixed GXP21xx does not play busy tone after the last key release if dial plan does not match (e.g. 123*)
Removed web validation for 802.1p priority value to check if VLAN Tag is greater than 0
Fixed network activity lost when changing the 802.1p value

**Enhancements**

- Added LDAP phonebook feature
- Added LLDP feature
- Added 3CX feature request: Click to dial
- Added support to dial out in MPK with alphanumeric character set
- Added option to allow phone to go back to idle status after the configured time on off-hook state
- Added HTTP/HTTPSProxy options in basic configuration page
- Added web option to disable Telnet
- Added web login wrong password counter
- Add more strict check for "request line" to avoid ring after received invalid INVITE
- Added support to program TRANSFER button to do in call DTMF
- Added support for "Match Incoming Caller ID" pattern in distinctive ringtone
- Added a softkey "RejectCall" and "AnswerCall" for second incoming call
• Added more methods for input in XML application
• Added support for drop down list in XML application
• Added login session timeout window to allow extending or terminating web session
• Added phone and line status display to the web with basic line operations
• Added web direct call dialing
• Added new telnet command "phone_status" to get current phone status of line, screen and hookswitch.
• Added download via HTTPS for XML phonebook and XML idle screen
• Added web page favicon
• Added an option for the phone book key to do LDAP search
• Added support to append variables to URL in xmp application
• Added support for HTTPS for XML application
• Added User-Agent in HTTP Get request when downloading: Phonebook, Idle screen, language file.
• Added Turkish language support
• Added support to generic XML config file
• Added support so phone book can display eight Chinese characters on first name and last name
• Allowed using certain values in xml idle screen/xml application
• Extended the length of Firmware Server Path, Config Path and XML fields

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Firmware Version 1.0.3.30
Name of Product  GXP2100/GXP2110/GXP2120/GXP1450/GXP1400/GXP1405/GXP1100/GXP1105
Date: April 25, 2012

CHANGES SINCE FIRMWARE RELEASE 1.0.1.110

BUG FIXES
• Fixed phone does not get provisioned/upgraded when using domain name, new base file version 1.0.3.19
• Fixed a few crash/freezing issues
• Fixed possible memory leak when BLF key is cleared
• Fixed pressing EHS button twice needed to get a dial tone
• Fixed potential memory leak when NOTIFY for BLF or presence has invalid body
• Fixed phone getting slower and unusable in idle caused by memory leak
• Fixed TRAN+MPK cannot do Blind Transfer when MPK is configured as eventlist BLF
• Fixed display issue when using built-in Czech language
• Fixed display issue when using German
• Fixed phone entry display issue when using Russian
• Fixed cannot dial via voicemail key when phone is offhook
• Fixed device crash when download P value set as Special characters
• Fixed modify basic settings account option doesn't take effect on GXP140X web UI
• Fixed SCA mode: Device have an abnormal result when do Fwdall operation
• Removed irrelevant Web UI options on GXP110x/14xx
• Fixed phone automatically changes speaker mode to handset mode under certain conditions
• Fixed phone crashes right after booting up when using TCP or TLS
• Fixed IM alerts and incorrect display for IM on GXP1400
• Fixed handset hissing noise in GXP110x/14xx
• Fixed cycle reboot when provision on 3CX

ENHANCEMENTS
• Improved efficiency of handling escape characters
- Added support for updating display after transfer
- Added a softkey "RejectCall" and "AnswerCall" for second incoming call
- Changed minimum weather update interval to 5 min, default update interval to 15 min
- Changed phonebook download interval to 5 min, 0 for disable automatic downloading
- Changed call screen/onhook screen GUI design
- Added support for XML application
- Added support for IPV6
- Added support to DHCP option 120
- Switched to use new gs_cpe for TR-069 support
- Added voicemail softkey on the LCD
- Added support for Paging
- Added option in MPK to do Intercom
- Added support for option "Transfer to" in BLF key mode for GXP21xx
- Added support Czech language
- Added call mode display on GXP2100 and GXP1450

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Firmware Version 1.0.1.110
Name of Product GXP2100/GXP2110/GXP2120/GXP1450/GXP1400/GXP1405/GXP1100/GXP1105
Date: January 5, 2012

CHANGES SINCE Firmware Release 1.0.1.108

BUG FIXES
- Fixed GXP2120 freezing with extension board when receiving multiple incoming calls continuously
- Fixed 3-Way Conference cannot disconnect conversation under certain conditions
- Fixed phone cannot hold/resume after another incoming call if "SIP Server" and "Secondary SIP Server" are configured the same
- Fixed phonebook entries not sorted after downloading phonebook XML file
- Fixed phone book does not display last name
- Fixed phone does not display registration icon when SIP registration option is disabled
- Fixed dial tone or DTMF tone can be heard in calling status
- Fixed phone crashes when pressing DTMF at the time of another call coming in
- Fixed phone would slow down and eventually crash with certain 301/302s
- Fixed GXP2110 freezes when idle for some time
- Fixed not displaying holding line's information when line2 is on hold and if there is incoming call on line1 on GXP1400

ENHANCEMENTS
- Added Handset TX gain web control
- Added configuration file save/download from web GUI
- Added password confirmation on web
- Added an option to ring both the Speaker and Headset when the phone is set to Headset mode
- Added account name on display for GXP140x

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Firmware Version 1.0.1.108
Name of Product GXP2100/GXP2110/GXP2120/GXP1450/GXP1400/GXP1405/GXP1100/GXP1105
Date: November 12, 2011
CHANGES SINCE FIRMWARE RELEASE 1.0.1.83

BUG FIXES

- Fixed phone crashes after receiving BS eventlist Notify message
- Fixed GXP1400 cannot do factory reset correctly
- Fixed BroadSoft interop: Directed Call Pickup fails when MPK User ID is not configured as extension number
- Fixed GXP2100 failed to lookup Caller Name from Phonebook
- Fixed Reconf softkey is invalid
- Fixed device requests a wrong name when download a phonebook xml or screen xml
- Fixed WEB page displays lack a sentence after updating
- Fixed message softkey displays "HANDSET" in Diagnostic Mode
- Fixed Monitor mode choosing Eventlist BLF and BLF causes LED show abnormal
- Fixed BLF related performance issue
- Fixed cannot remove existing/duplicate LDAP directory entries
- Fixed BroadSoft interop: GXP140x fails to display both Caller ID name and number
- Fixed BroadSoft interop: GXP140x Phone crashes after updating "Line Key" mode
- Fixed SRTP keylength32 not setting correctly, leading to interop failure with Snom
- Fixed GXP1450: Phone stops playing audio if CODEC is changed
- Fixed high pitch noise when receiving invalid CN packets
- Fixed [TR-069] SetParameterValues problem
- Fixed phone crashes when receiving inactive in early media
- Fixed phone sends wrong register request after network recovery
- Fixed Session-timer not working as expected (caller doesn't go back to idle)
- Fixed phone web UI shows HTML code when input "<>"
- Fixed cannot send the number via "Send" button
- Fixed IP address isn't come back to 0.0.0.0 when pull up phone's cable
- Fixed Transfer fails when setting Dial Plan Prefix
- Fixed audio quality issue under certain conditions

ENHANCEMENTS

- Enhanced Blind Transfer operation, no SEND key is required at the last step
- Added support on configuring feature code on Multi-Purpose Keys
- Changed date format to day-month-year
- Added flash key support for 3-way conference on GXP11xx
- Added support for two accounts for GXP1400/1405
- Added fixed Jitter Buffer support
- Added support for "Check SIP User ID for incoming INVITE"
- Added 802.1 setting validation on the web

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Firmware Version 1.0.1.83
Name of Product  GXP2100/GXP2110/GXP2120/GXP1450/GXP1400/GXP1405
Date: July 26, 2011

CHANGES SINCE FIRMWARE RELEASE 1.0.1.66

BUG FIXES

- Fixed Attended Transfer sometimes fails with OpenSER
- Fixed GUI crash when input last name or first name or phone number until user cannot add
- Fixed all Call History will disappear when Call Log is set as Disable
- Fixed cannot unlock the unit after setting provider lock option
- Fixed phone freezes when getting a call from gxp280 with Chinese SIP display name
- Fixed phone freezes when input non-UTF characters
- Fixed 3CX Interop : GXP21xx TLS issues
- Fixed phone crash with Call Park
- Fixed no IP shown under Status page when using VLAN
- Fixed soft key "SignIn" changed to a black rectangle (occurs on gxp2120/2110/2100)
- Fixed cannot return to idle status via speaker button or EndCall soft key
- Fixed ACS Connection Request Password field shows its value
- Fixed phone displays registration true when account registration is not enabled
- Fixed LCD shows speaker icon after pressing *30 under onhook mode
- Fixed phone does not recognize 96 as a valid dynamic payload type number
- Fixed two transfer records after doing a transfer
- Fixed GUI crash during language switching
- Fixed phone might force to reboot when GUI is too busy on handling other operations
- Fixed GUI crash during web UI update while on a call
- Fixed memory leak due to the SIP Account configuration reload after updating from web
- Fixed white screen on reboot (core)
- Fixed GXP21xx : Last digit in star codes not displayed on screen
- Fixed SIP/TLS, SIP/TCP SIP parser failed to respond to incoming SIP messages
- Fixed on hook dialing * function display unusual
- Fixed unconditional transfer cause one-way radio
- Fixed press an idle line when conversation used SRTP cause GUI crash
- Fixed missed call soft key displays after deleting the record
- Fixed phone response slowly when there are mass of phonebook records or call records (lowered records to 500 for GXP1400)
- Fixed * and # cann't be used as user ID in MPK
- Fixed noise when used SRTP
- Fixed Polish language display is bold and with missing characters after reboot
- Fixed Vol=0 passes small voice and small tone
- Fixed LCD freeze when conversation used iLBC

- Fixed Hold and Unhold cause one-way radio
- Fixed GUI crashed when pressed Backspace(when there exist some numbers) in Factory reset option, also fixed GUI crashed when pressing backspace+cancel softkey in Config Server input
- Fixed phone uses speaker instead of handset when 2 accounts members of same ring group registered in same phone
- Fixed we need press flash two times to change lines
- Fixed Dial DTMF does not work
- Fixed GXP1450: Phone stops playing audio if CODEC is changed
- Fixed GXP2100 (possibly others) crashes on call-waiting call when the caller exists in the phonebook (only specific case)
- Fixed Phone keeps playing Ring Back Tone even after receiving 200 OK
- Fixed Idle screen softkeys disappear when configuring ACS setting
- Fixed Handset/Speaker icon wrongly displayed while picking up with AnswerCall key
- Fixed callreturn can't be saved and doesn't work after reboot
- Fixed Recalibrate sidetone gain
- Fixed still appear missed call softkey after removed all call records
- Fixed language doesn't display fully and cannot change language from English to others
- Fixed dimly lit LED LINE2 during boot on GXP1450
- Fixed cancel softkey is not working and LED does not turn off
- Fixed re-set SRTP option only when the phone has ReferDialogId
- Increased maximum allowed SIP message size from 10k to 64k (allowing handling large eventlist NOTIFY)
- Fixed uninitialized variable in SRTP receiver thread. Add warning on decrypt error
- Fixed we send BYE to target when transferee hang up a call before target answers
- Fixed phone stuck and cannot reboot when provision happened in dialing mode
- Fixed RTP reconfiguration bug
- Fixed no audio after a failed transfer if BYE came before end of new call
- Fixed LED for line 1 is in green, even though we press line 2
- Fixed GXP2100 displays duplicate CallerID when a matching number entry exists in phonebook.
- Fixed 3CX PnP feature
- Fixed the multicast PnP SUBSCRIBE does not go out if first account is set to use non-UDP transport (TCP or TLS)
- Fixed the multicast PnP SUBSCRIBE does not go to the multicast address if first account is configured with an outbound proxy server
- Fixed Removed Manually Edited Entries on Reboot
- Fixed couldn't show 2nd DNS server address on GUI
- Fixed phone crash when receiving 423 for BLF/Presence SUBSCRIBE
- Fixed when two or more keys are pressed at the same time might result the phone unable to handle the correct key release event
- Fixed long digit tone issue after release of key press.
- Fixed wrong dial plan input error from web might erase the value without reset it to default
- Fixed occur one-way audio and caller give up the call itself
- Fixed web double colons showed under first voice decode selection issue
- Fixed IVR notification for network address issue
- Fixed can hear custom tone after call established
- Fixed can hear custom tone after call established
- Fixed during call, after "Downloading" warning window, call screen is not responsible.
- Fixed cannot switch to PCMU when RFC2833 event payload type is not configured
- Fixed LCD config menu sip account page always display account in English
- Fixed account name does not translate after switching language if account name is empty
- Fixed gxp21xx to display the missing strings in translated language file to display in English string

**ENHANCEMENTS**

- Added easy conference feature
- Add configuration option to choose SIP/SIPS when using SIP/TLS
- Extended the length of Firmware Server Path field
- Added support to protect ACS and SSL fields when provider lock is set
- Added volume indicator on the screen when adjust volume using volume up/down keys
- Added Keypad Lock feature on GXP1400
- Added "Call Features" menu option to display Call Forward status for all accounts
- Added 3rd line display to GXP1450 when phone is ringing and has only one line in use
- Added support for LED displaying fast blinking green for eventList BLF initiator/proceeding state under BroadSoft mode
- Added support for displaying Message Waiting Count in LCD
- Added functionality to delete all call history at once
- Added IPv4 network address validations to web configuration page
- Added blinking MSG LED during provision
- Added RTL support in idle screen XML
- Added RTL support in web configuration
- Allowed the use of Redial key as Send key when there is already any input in the dial buffer
- Added syslogs for displaying IP failure after getting IP using PPPoE
- Added support for Chinese City name in weather screen
- Added support to override the re-registration time
- Added support for Broadsoft Feature Key Synchronization
- Added support for BroadSoft Network Conference
- Added support for Arabic language
- Added support for Hebrew language
- Added support for x-gs-screen event from SIP NOTIFY message in GXP21xx/1450
- Added scaling to reduce Handsfree 'PuPu' sound
- Added support for PIN Lock feature
- Added support for "Search" function in phonebook
**KNOWN ISSUES**

- XML Application is not working

**CHANGES SINCE FIRMWARE RELEASE 1.0.1.64**

- Fixed implied transfer when switch lines (Fixed sometimes will show IdleScreen and line1 is green)
- Fixed cannot input a right alphanumeric as user ID in MPK after received 'Enter alphanumeric'
- Fixed problem for AutoCF-2, AutoCF-10, AutoCF-11
- Added Hungarian, Polish and Slovenian support
- Fixed no audio on 5th call for GXP2120.
- Fixed session timer is not set correctly when receiving re-INVITE with replaces
- Added Syslog for dialog XML entity URI parsing error.

**CHANGES SINCE FIRMWARE RELEASE 1.0.1.62**

- Fixed GUI will crash if set name to more than 30 special character in web page
- Fixed GUI crash when doing transfer
- Fixed use special Chinese characters as DTMF cause transferor and transferee’s GUI crash
- Fixed phone will reboot if fresh web page when use Firefox
- Fixed cannot save account configuration via MENU
- Fixed potential memory leak when downloading phonebooks with very long strings

**CHANGES SINCE FIRMWARE RELEASE 1.0.1.61**

**BUG FIXES**

- Add 489 handler for subscriptions. We will cease retrying SUBSCRIBE if we receive 489 for that event.
- Fixed MPK Dial DTMF with special keys cause LCD lock up
- Protect against calling string functions with NULL strings.
- Added syslog to verify reboots are indeed triggered
- Fixed GXP1450 has display issue on idle screen and call screen
- Fixed LCD doesn’t display error message when offhook using handleset, if “Offhook Auto Dial” number doesn’t match dial plan.
- Fixed bad voice after switch from G.726-32 IETF packing to ITU and back to IETF—changing the packing mode will now work without a reboot (listed as a known issue in 1.0.1.61) which would have been a problem if you have one account using IETF and another using ITU.
- Fixed displaying overlap (add options under call log menu)
- Added output keypress syslog to capture the actual keypad event
- Fixed iLBC crash issue with large ptime
- Fixed poor audio quality with ptime larger than 60
- Fixed LCD temporarily freezes on 4-way conference hang up until an incoming call comes in
- Fixed BLF keys does not work properly
- Fixed cannot set time

**ENHANCEMENTS**

- None
**Changes since firmware release 1.0.1.59**

**Bug fixes**
- Fixed iLBC crash issue with large ptime
- Fixed poor audio quality with ptime larger than 60
- Fixed LCD temporarily freezes on 4-way conference hang up until an incoming call comes in
- Fixed BLF keys does not work properly
- Fixed cannot set time

**Enhancements**
- Added support for G.726-32 Packing Mode

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**Changes since firmware release 1.0.1.56**

**Bug fixes**
- Fixed Italian translation issue reported by customer
- Fixed LCD freeze issue under certain conditions
- Fixed freeze issue when download or clear Custom SCR
- Fixed GXP2120 no audio after multiple lines on HOLD
- Fixed time zone default setting problem—after factory reset it should be set to “Automatic” with fail-over default set to Eastern Time

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**Changes since firmware release 1.0.1.26**

**Bug fixes**
- Fixed GXP21xx Phone doesn’t display weather in Celsius
- Fixed phone crash when disconnection network link under weather page
- Fixed cannot see the numbers when dialing to establish a second conversation
- Fixed Transferred Calls do not display name from phonebook
- Fixed DHCP Option 66 not working
- Fixed HTTPS mode cannot save
- Fixed BroadSoft interop: add support for displaying Advice of Charge in LCD
- Fixed BroadSoft interop: phone fails to auto-answer a click-to-dial second call from Call Manager
- Fixed XML Phonebook with 10+ digits causes phone to freeze and not boot-up
- Fixed icon display error under certain conditions
- Fixed after reboot two times, phone changed getting IP form PPPoE to DHCP
- Fixed GUI crashed when press "fwd all" softkey and onhook dialing
- Fix provision starts while call in progress. Wait until all calls finish before performing provisioning
- Fixed onhook dialing caused GUI crash
- Fixed GXP1450 cannot unlock keypad under NULL password
- Fixed update configuration many times caused GUI crash
- Fixed GXP1450 dial phone number caused it disappear
- Fixed XML phonebook previous entries not deleted
- Fixed cannot download Ring Tone by HTTP
- Fixed SUBSCRIBE expiration was different from Register Expiration
- Fixed HTTP upgrade reboot loop
- Fixed phone crashed on pressing menu key
- Fixed unable to display remote number for incoming/outgoing calls (under onhook dialing mode)
- Fixed phone crashed on receiving SUBSCRIBE request
- Fixed no option of configuration on LCD menu
- Fixed phone did not display Caller ID on LCD
- Fixed onhook dialing on non-idle screen caused LCD display error
- Fixed call timer of long time conversation didn’t display fully
- Fixed cannot see DTMF digits
- Fixed dialog box of “applying new configuration” didn’t display fully
- Fixed EXT speed dial was not valid
- Fixed noise issue with busy call back
- Fixed Index value error in re-invite when use intercom to establish a second call
- Fixed GXP2120 Phone crashed when selecting “status” from keypad
- Fixed there are two different results when setting “Enable TR-069” to “Yes”
- Fixed lose registration issue under certain conditions
- Fixed no-audio with SRTP
- Fixed entering password more than 12+ digits caused phone crash
- Fixed date didn’t display fully in call history
- Fixed during Attended Transfer with SRTP, transferee heard noise
- Fixed during Attended Transfer with SRTP, transfer target cannot hear transferee
- Fixed pressing MPK with “Dial DTMF” mode or “Enable MPK sending DTMF” did not send complete DTMF events via SIP INFO
- Fixed call logs could reappear after reboot
- Fixed phone responded 488 when choosing SRTP mode as “Optional” on caller and “Enabled and forced” on callee
- Fixed phone cannot use Multi Purpose Key to send DTMF when “Disable in-call DTMF display” is set to “Yes”
- Fixed cannot redial after Blind Transfer
- Fixed Call Pickup failed on GXE
- Fixed Blind Transfer failed on GXE
- Fixed 3CX interop: GXP21xx displays missed call when call queue answered from elsewhere
- Fixed 3CX Interop: UPnP provisioning
- Fixed 3CX Interop: BLF pickup not working
- Fixed 3CX Interop: TLS issues
- Fixed 3CX Interop: BLF treats caller (direction=initiator, state=early) as ringing (flash red) instead of busy (solid red)
- Fixed 3CX Interop: lost registration problem (related to BLF)
- Fixed LCD display update had 2-5s delay when a call come in
- Fixed transferor cannot recover the conversation with transferee when use “SRTP” on Blind Transfer
- Fixed phone crashed with Call Park after web configuration update from GXE registration to OpenSER registration
- Fixed PPPoE account name with some special characters caused the phone not to boot up
- Fixed phone cannot save phonebook after reboot
- Fixed cannot add phonebook after reboot
- Fixed incorrect value used for sendrecv configuration
- Fixed phone cannot hear prompt with onhook dialing *30
- Fixed choppy audio during start of conversation
- Fixed noise issue when press 0 to send DTMF
- Fixed phone did not send DTMF info in early media
- Fixed cannot change in web GUI, set P64 to other values caused reboot loop
- Fixed GXP phone responded with “486 Busy Here” when number of dialog added up to 15+
- Fix progress bar displayed after reboot due to configuration change
- Fixed the first account can affect the other accounts when choosing Special Feature "HUWEI IMS"
- Fixed repeatedly use MPK to send DTMF via SIP INFO caused phone crash
- Fixed crash issue cause by music ring tone
- Fixed LCD lockup issue on answering multiple calls
- Fixed BLF Call Pickup prefix issue
- Fixed phone as transferee doesn’t go back to idle after transfer target termite the call if transferor doesn’t send BYE to transferee after received final NOTIFY
- Fixed blind transfer one-way audio issue and display/store wrong remote number issue
- Fixed doing factory reset from LCD MENU may not clear all configuration contents
- Fixed when disabled Call Logging in web UI, call logging did not turn off. Also, when disable call logs, previous call logs were erased
- Fixed a scenario where we stopped registration after the SIP server is down for a long period of time
- Fix dialog matching problem causing auto answer fail
- Fixed echo issue when RTP is sent to itself
- Fixed transferee didn't send INVITE to transfer target after receiving REFER using TLS
- Fixed phone accepted BLF NOTIFY which had Dialog-Info element with version older than the latest processed
- Fixed SIP Registration failed when no Authenticate ID is configured (should use SIP User ID implicitly instead)
- Fixed phone did not play DTMF tone from remote when in conference
- Fixed softkey state mismatch issue
- Fixed only check for firmware upgrade if pre/postfix changes
- Fixed GUI crashed during downloading phonebook when using an incorrect domain name
- Fixed we allow user to reboot the phone from the web UI even while in call. We will now wait until the call ends.
- Fixed directs IP calling crashed when press # and *
- Fixed # dialed out during Blind Transfer even though # is not used as dial key
- Fixed time display on LCD not updated via NTP
- Fixed Spanish date display issue (caused by bad translation string)
- Fixed when using "configured IP", can't make call after TCP connect gets [RST, ACK] response

**Enhancements**

- Added call history writing enhancement
- Added feature to allow disabling weather, stocks, and/or currencies
- Added support to display forwarded call
- Added CBCOM mode
- Added support for TR-069
- Added support for AKAv1-MD5 authentication
- Added support to Polycom-style Call-Info header
- Added new feature to allow manually input time/date
- Added sorting when displaying call logs to prevent any miss-ordering
- Added three Mexican time zones with each DST
- Added support for Asterisk's out-of-box paging/intercom
- Added "Dial DTMF" mode to multi-purpose keys (GXP21xx only)
- Changed GXP2110 default LCD contrast from 10 to 7 (factory reset only)
- Changed Russian font and translation file per customer request
- Enabled Star key keypad locking on all models (only available to GXP1450 prior to this)

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Firmware Release Notes
Firmware Version 1.0.1.26
Name of Product  GXP2100/GXP2110/GXP2120
Date: November 16, 2010

**Changes Since Firmware Release 1.0.0.44**

**Bug Fixes**

- Fixed GXP21xx Presence watcher does not work with Nortel server
• Fixed BroadSoft interop issue: Barge-in is not possible if SIP user ID contain '_ ' character
• Fixed BroadSoft interop issue: GXP2120 offers SRTP in SDP even when it is disabled after receiving INVITE without SDP
• Fixed phone doesn't display name info if meet tel format in PAI
• Fixed GXP21xx phones do not play voice in conversation when update web page information
• Fixed number via on-hook dialing will not be sent after SPEAKER button is pressed
• Fixed PPPoE does not work
• Fixed key presses gets queued during bootup
• Fixed if no mac item in XML provision file it will not write in
• Fixed phones do not send DTMF during early media
• Fixed phone cannot use speaker button to hang up under onhook dial mode
• Fixed GXP21xx crashes after configuration update and callqueue sign-in
• Fixed GXP2100 second incoming caller ID display covered by soft key
• Fixed phone sends DNS query for "0" when Config Server Path is empty
• Fixed INVITE for INTERCOM on shared line always use appearance-index=1
• Fixed gxp21xx cannot configure "Firmware Sever" with IP add port via LCD
• Fixed ForwardAll invalid when Authenticate ID is blank
• Fixed extension board issues

ENHANCEMENTS

• Added indication for registered, unregistered account status
• Added support for Russian and Croatian
• Added support for applying changes immediately for most variables without reboot including SIP account information
• Added stock and currency tabs to idle screen
• Added web configuration for stock and currency update (Basic Settings page)
• Added restriction to only accept UTF-8 as encoding in XML provision file
• Added support for Portuguese
• Added support for grayscale enabled idle screen GUI
• Added support for RFC5922 (SSL certificate validation)
• BroadSoft interop: Added support for displaying Advice of Charge in LCD
• Increased Display of Numbers for Call History
• Increased RFC2833 digit duration to minimum of 100ms, fixed RFC2833 DTMF not always working
• Changed "user ID is phone number" option to "Tel Uri" so that user can disable it, use existing "user=phone" option or enable "tel uri" in INVITE request