GSC3505/GSC3510 Firmware Release Notes

Table of Content

FIRMWARE VERSION 1.0.1.5 3

PRODUCT NAME 3
DATE 3
FIRMWARE FILE INFORMATION 3
CHANGES SINCE FIRMWARE VERSION 1.0.1.3 3
ENHANCEMENT 3
BUG FIX 3
NEW FEATURES OVERVIEW 3
INCOMING CALL RULES FOR EACH ACCOUNT 3

FIRMWARE VERSION 1.0.1.3 5

PRODUCT NAME 5
DATE 5
FIRMWARE FILE INFORMATION 5
CHANGES SINCE FIRMWARE VERSION 1.0.1.1 5
ENHANCEMENT 5
BUG FIX 5
NEW FEATURES OVERVIEW 6
REGISTER BEFORE DNS SRV FAIL-OVER 6
AUTOMATIC ANSWER RINGING TIME 6
BUSY TONE EXPIRATION 7
BLUETOOTH VISIBILITY TIMEOUT 8
ENABLE/DISABLE HTTP ACCESS 8
ENABLE/DISABLE DNS SERVER QUERY 9
AUTO MODE PLAY TIME 10

FIRMWARE VERSION 1.0.1.1 11

PRODUCT NAME 11
DATE 11
FIRMWARE FILE INFORMATION 11
CHANGES SINCE FIRMWARE VERSION 1.0.0.24 11
ENHANCEMENT 11
BUG FIX 11

NEW FEATURES OVERVIEW 12
MUSIC/RADIO STREAMING *12*
BLUETOOTH PIN CODE *13*
MIN/MAX TLS VERSION *13*

FIRMWARE VERSION 1.0.1.5

PRODUCT NAME

GSC3505/GSC3510

DATE

01/20/20

FIRMWARE FILE INFORMATION

- Firmware file name: gsc3505fw.bin
- Firmware file name: gsc3510fw.bin

MD5: b7df8ddb9a5e9afbd772bb3e3d235a9e

CHANGES SINCE FIRMWARE VERSION 1.0.1.3

ENHANCEMENT

- Added the incoming rules options for each account [INCOMING CALL RULES FOR EACH ACCOUNT]
- Added Call Settings and Ringtone Settings for each account on GSC3505
- Added the missed calls notification on Web UI
- Added the error message for WPA/WPA2 password requirement
- Optimized the audio quality and improving the duplex algorithm
- Optimized some P-values that are not working on previous firmware

BUG FIX

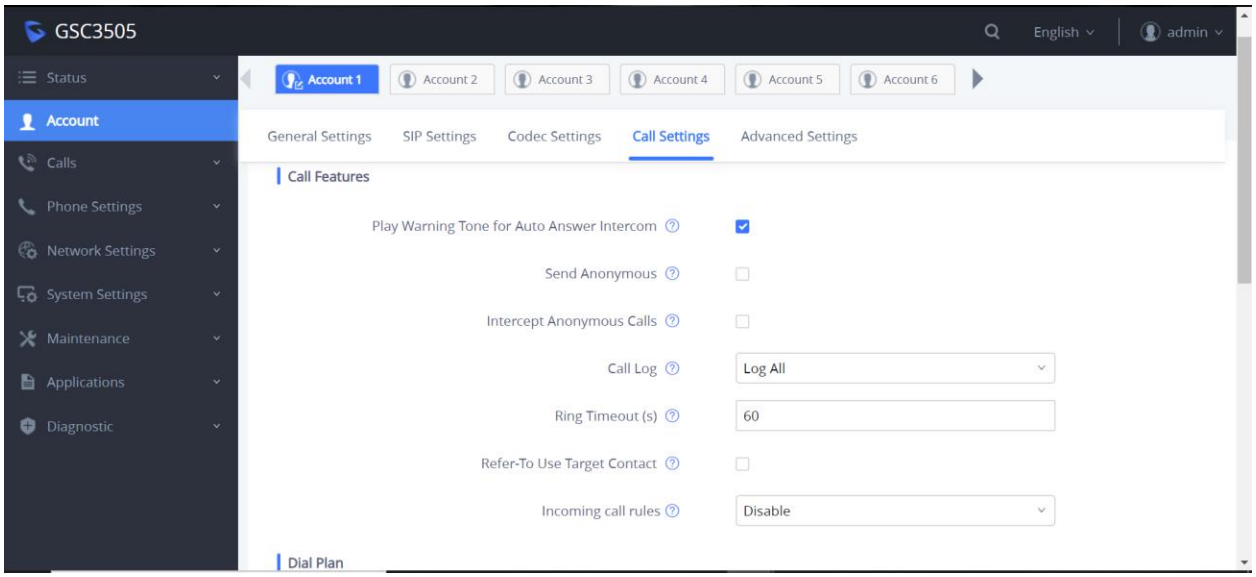
- Fixed ring back tone issue when there is a password set for an incoming call
- Fixed P-value for provisioning blacklist and whitelist through Web UI
- Fixed the abnormality of the call waiting behavior
- Fixed some call waiting and call waiting tone issue
- Fixed LED status lights issue
- Fixed some Portuguese incorrect translation

NEW FEATURES OVERVIEW

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

INCOMING CALL RULES FOR EACH ACCOUNT

- **Web Configuration**
  This option can be found on the web UI under Account –> Account# -> Call Settings -> Incoming Call Rules.



- **Functionality**

  Allow to set incoming call rules for each account registered. This configuration will over rule the global incoming call rules.

- **P-Value**

P-Value	Description	Value Range	Default
P60044	Incoming Call Rules	0, 1, 2, 3, 4	4
P60045	Incoming Call Rules – Password	Numbers Only	

FIRMWARE VERSION 1.0.1.3

PRODUCT NAME

GSC3505/GSC3510

DATE

01/02/20

FIRMWARE FILE INFORMATION

- Firmware file name: gsc3505fw.bin
- Firmware file name: gsc3510fw.bin

MD5: 3844a6e1e043e61e87ae492a7766ecfa

CHANGES SINCE FIRMWARE VERSION 1.0.1.1

ENHANCEMENT

- Added to support failover mechanism based on DNS SRV [REGISTER BEFORE DNS SRV FAIL-OVER]
- Added the ability to delay the auto-answer [AUTOMATIC ANSWER RINGING TIME]
- Added the ability to adjust the Busy Tone Expiration [BUSY TONE EXPIRATION]
- Added a timeout when the Visible to nearby Bluetooth devices is on [BLUETOOTH VISIBILITY TIMEOUT]
- Added the option to Enable/Disable the HTTP access [ENABLE/DISABLE HTTP ACCESS]
- Added the ability to disable IP2location and Wifi Certification [ENABLE/DISABLE DNS SERVER QUERY]
- Added the ability to play/stream the music based on set schedule [AUTO MODE PLAY TIME]
- Added the ability to display date/time on the Web UI
- Added the ability to provision the audio level settings
- Added the ability to support MP3 Format files on the Music Feature
- Optimized some P-values that are not working on previous firmware

BUG FIX

- Fixed some call history issue that won't show after awhile
- Fixed Bluetooth PIN mismatching when pairing with GXP
- Fixed the Bluetooth Codec negotiation to support broadband (mSBC)
- Fixed the IPv6 issue when only enabling IPv4 only
- Fixed incorrect Time zone for "São Paulo" to UTC-3
- Fixed hold the SIP call when there is an incoming call from connected Bluetooth devices
- Fixed RTSP stream will not resume after receiving a call
- Fixed RTSP address cannot be saved when it's not in the correct format
- Fixed Dropping a call when there is a second incoming call

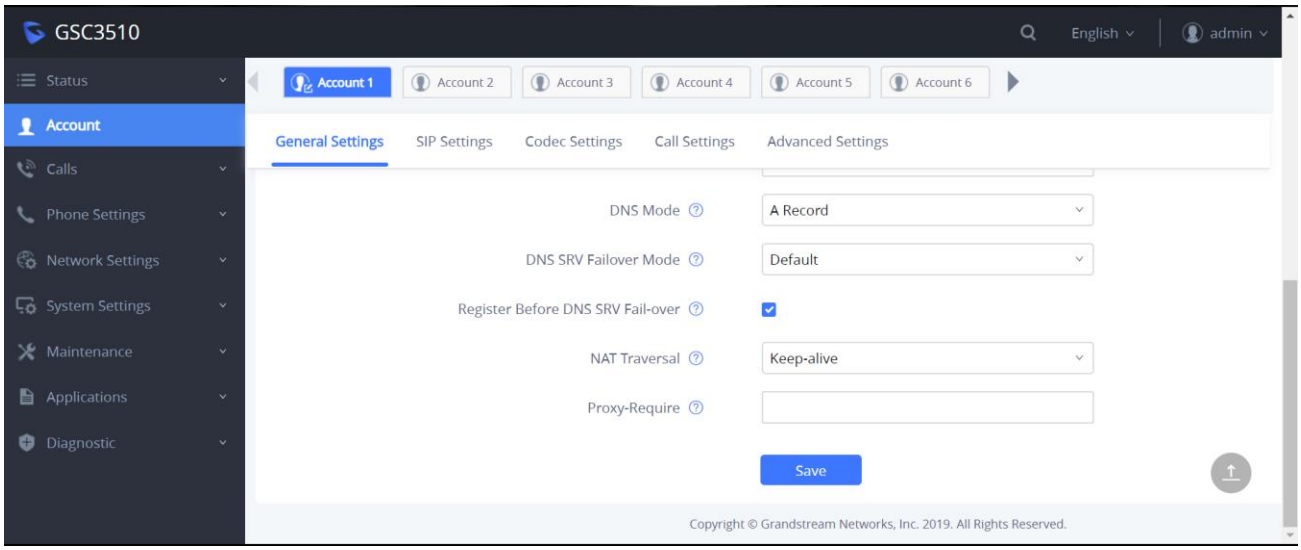
- Fixed the TR069 settings when configured
- Fixed Bluetooth lost connection with GVC after rebooting the GVC
- Fixed some Bluetooth configuration issue after reboot

NEW FEATURES OVERVIEW

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

REGISTER BEFORE DNS SRV FAIL-OVER

- **Web Configuration**
  This option can be found on the web UI under Account -> Account# -> General Settings -> Register Before DNS SRV Fail-Over.



- **Functionality**
  When this feature is enabled, the device will register using the outbound proxy when the SIP server is failed to get the registration.

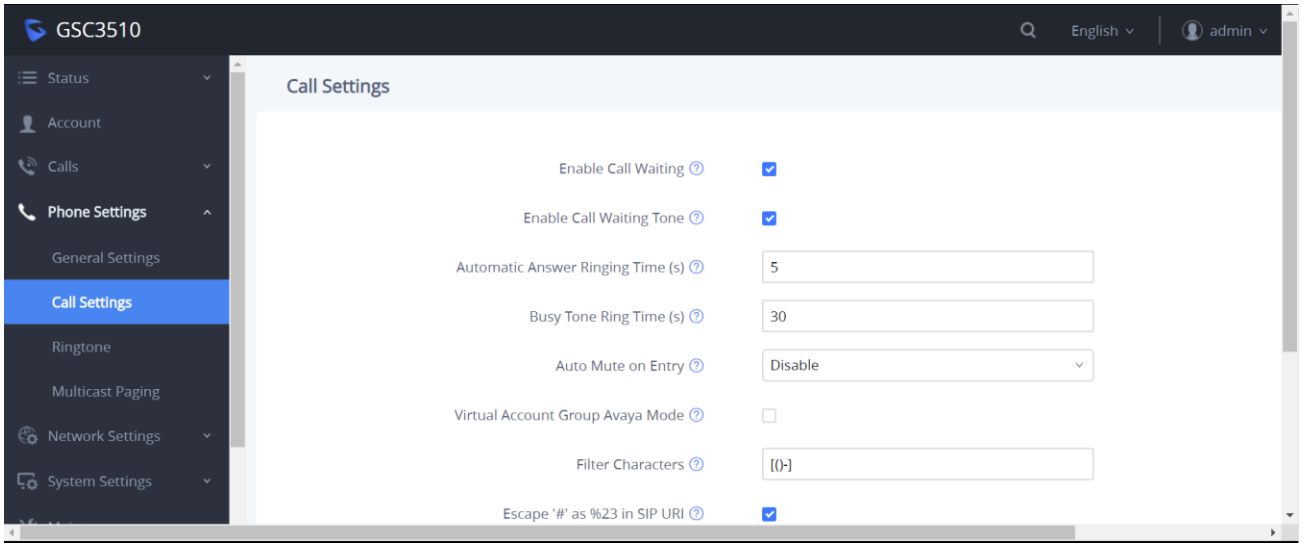
- **P-Value**

P-Value	Description	Value Range	Default
P29095, P29195, P29295, P29395, P29495, P29595, P53695, P53795, P53895, P53995, P54095, P54195, P54295, P54395, P54495, P54595	Register Before DNS SRV Fail-over for each account#	0, 1	1

AUTOMATIC ANSWER RINGING TIME

- **Web Configuration**

This option can be found on the web UI under Phone Settings -> Call Settings -> Automatic Answer Ringing Time.



- **Functionality**

  Allow the GSC to ringing for some specific time (in seconds) before auto-answering the incoming call when the Greylist set to Auto-Answer.

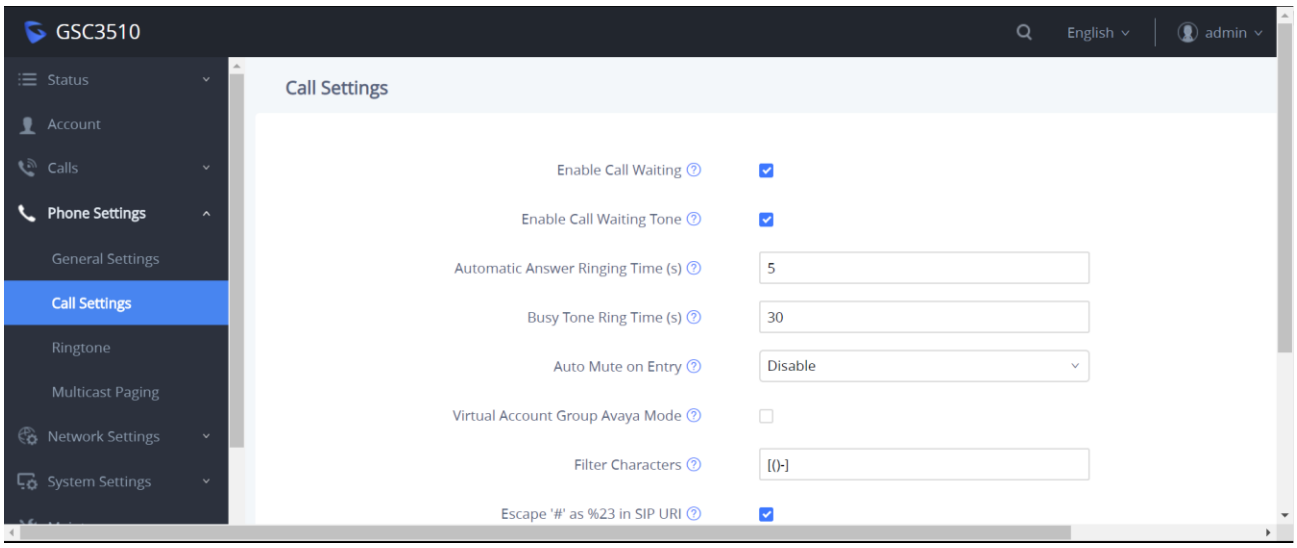
- **P-Value**

P-Value	Description	Value Range	Default
P8486	Automatic answer ringing time	0 – 60 (seconds)	5

BUSY TONE EXPIRATION

- **Web Configuration**

  This option can be found on the web UI under Phone Settings -> Call Settings ->Busy Tone Ring Time (s).



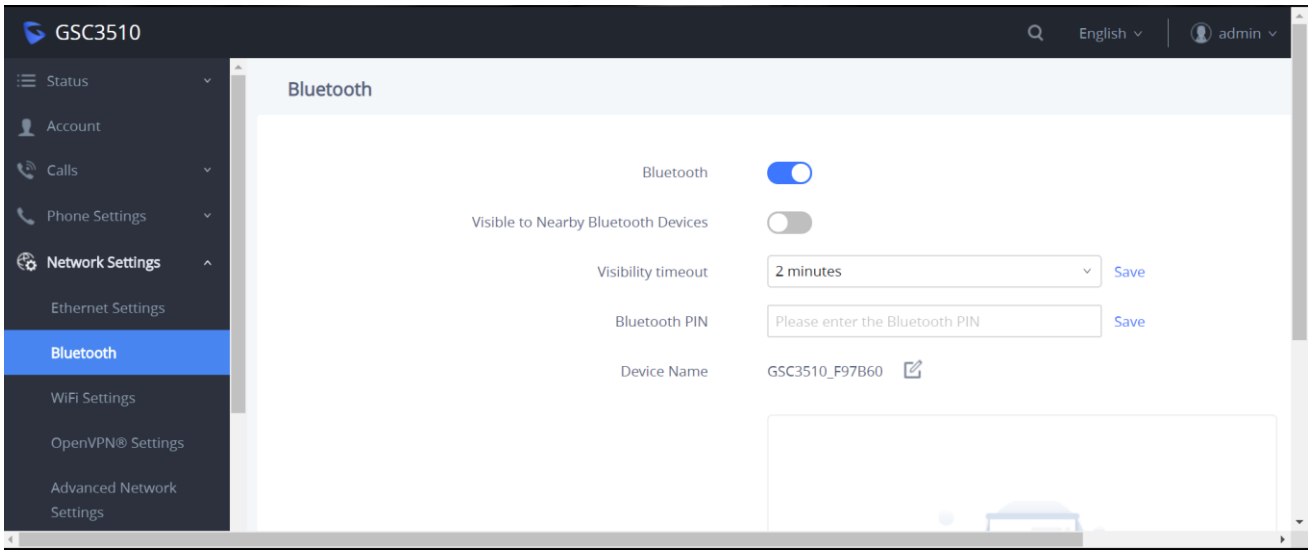
- **Functionality**
  Configure the timeout for Busy Tone during the call.

- **P-Value**

P-Value	Description	Value Range	Default
P8347	Busy Tone Ring Time (s)	0 – 120	30

BLUETOOTH VISIBILITY TIMEOUT

- **Web Configuration**
  This option can be found on the web UI under Network Settings -> Bluetooth -> Visibility Timeout.



- **Functionality**
  GSC3505/GSC3510 added some options for Bluetooth Visibility timeout before the it turned back to 'Invisible' mode.

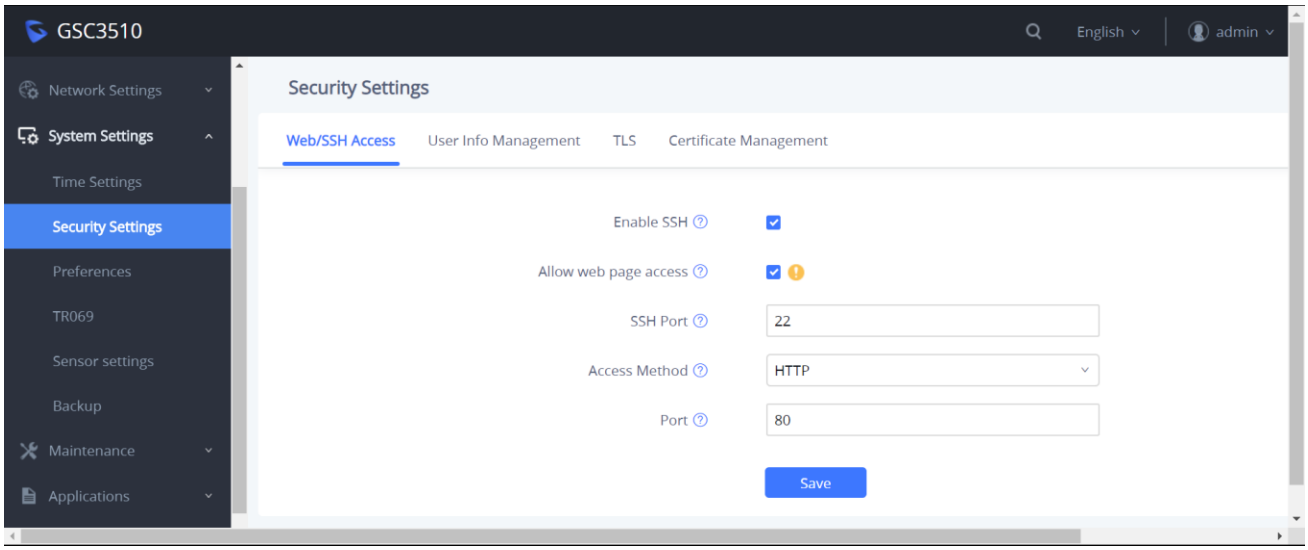
- **P-Value**

P-Value	Description	Value Range	Default
P22331	Bluetooth Visibility Timeout	0, 2, 5, 60	2

ENABLE/DISABLE HTTP ACCESS

- **Web Configuration**

This option can be found on the web UI under System Settings -> Security Settings -> Web/SSH Access -> Allow Web Page Access.



- **Functionality**

  Enable/disable the HTTP Access.

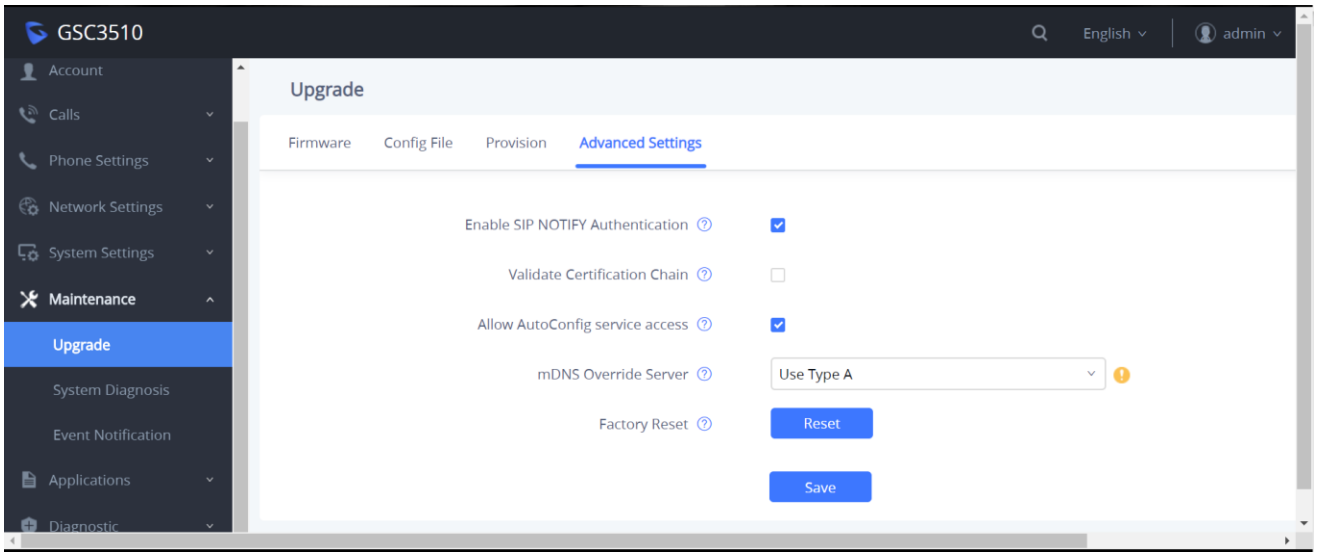
- **P-Value**

P-Value	Description	Value Range	Default
P29605	Allow Web Page Access	0, 1	1

ENABLE/DISABLE DNS SERVER QUERY

- **Web Configuration**

  This option can be found on the web UI under Maintenance -> Upgrade -> Advanced Settings -> Allow AutoConfig service access.



- **Functionality**

  Options to enable/disable to access the AutoConfig service from service.ipvideotalk.com

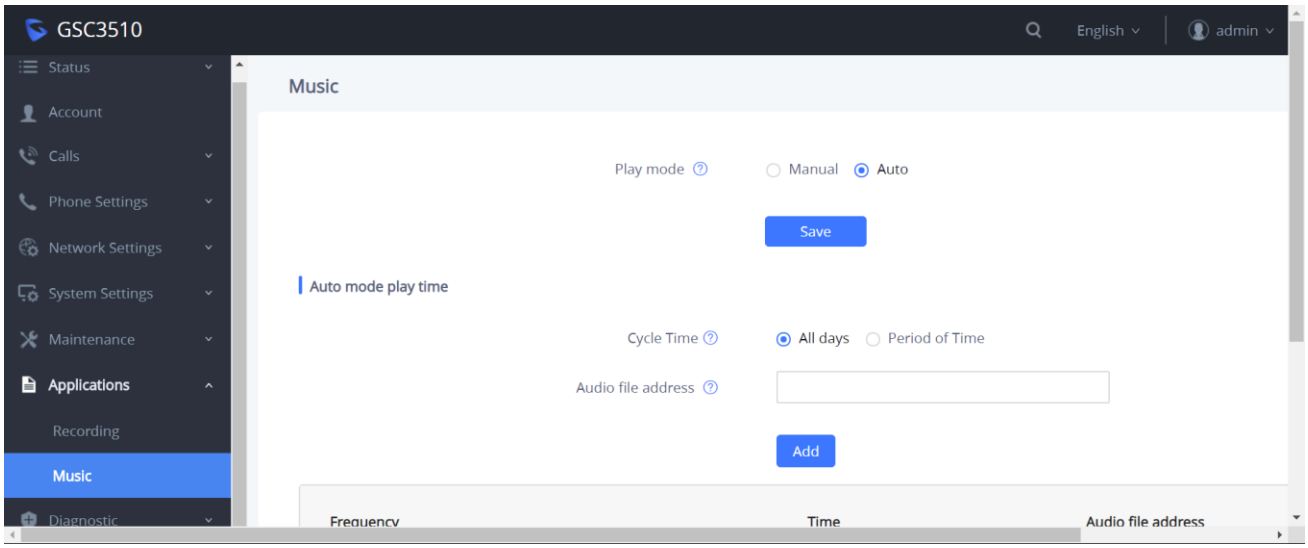
- **P-Value**

P-Value	Description	Value Range	Default
P7070	Allow AutoConfig Service Access	0, 1	1

AUTO MODE PLAY TIME

- **Web Configuration**

  This option can be found on the web UI under Applications -> Music -> Auto Mode Play Time.



- **Functionality**

  To set some schedule to play/stream the music during Auto Mode.

FIRMWARE VERSION 1.0.1.1

PRODUCT NAME

GSC3505/GSC3510

DATE

9/24/19

FIRMWARE FILE INFORMATION

- Firmware file name: gsc3505fw.bin
- Firmware file name: gsc3510fw.bin

MD5: 91a540eb5b2777c810d9bf06536e66fa

CHANGES SINCE FIRMWARE VERSION 1.0.0.24

ENHANCEMENT

- Added the ability to stream Radio/Music on the device. [MUSIC/RADIO STREAMING]
- Added pairing PIN code with Bluetooth device. [BLUETOOTH PIN CODE]
- Added minimum & maximum TLS version. [MIN/MAX TLS VERSION]
- Added a prompt to restart the device after modifying PNP (3CX) Auto Provision
- Added an ability to adjust the volume during playing the radio/music
- Changing “DATE” for the time display under call history and recording files to “TIME AND DATE”
- Optimized web UI prompts
- Optimized the audio quality

BUG FIX

- Fixed the calling prompt after ended the call from GVC when connecting using Bluetooth
- Fixed the inconsistency the volume during an active call
- Fixed the duplication issue when adding the numbers to the whitelist/blacklist
- Fixed adding a contact from the call history if the contact already existed in contact list
- Fixed call history does not refresh automatically
- Fixed unable to save the audio file address when editing both audio file address and play mode
- Fixed non-stop playing music when modifying the audio file address during the playback
- Fixed some DHCP issues after rebooting the device
- Fixed failing automatically downloads contacts after download interval
- Fixed failing to get a network address when using PPPoE
- Fixed some error when displaying the time on recording file
- Fixed the password input name shown as SSID in MAC&PEM

- Fixed the display name when the detected Bluetooth devices is using Chinese characters
- Fixed not displaying the second incoming call interface
- Fixed abnormality when unplugging/plugging the internet cable or switching networks
- Fixed some DTMF issue during call
- Fixed unable to delete a contact after 2000 contacts
- Fixed successfully saved the configuration when the IP, subnet mask, and default gateway are empty on when using Static IP

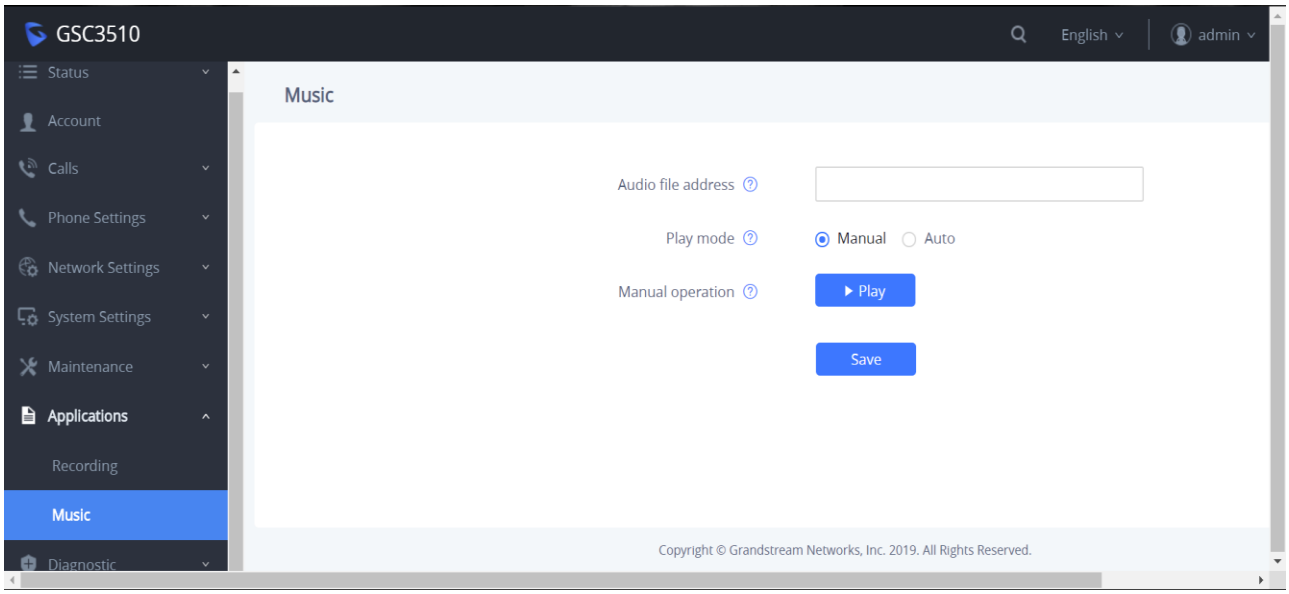
NEW FEATURES OVERVIEW

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

MUSIC/RADIO STREAMING

- **Web Configuration**

  This option can be found on the web UI under Applications -> Music.



- **Functionality**

  Allow to stream a radio using RTSP address, for example: rtsp://ip address/musicFile.ts. Also, allow to play an audio file that is in RTSP format (.ts) or a RTSP format file converted from MP3 format.

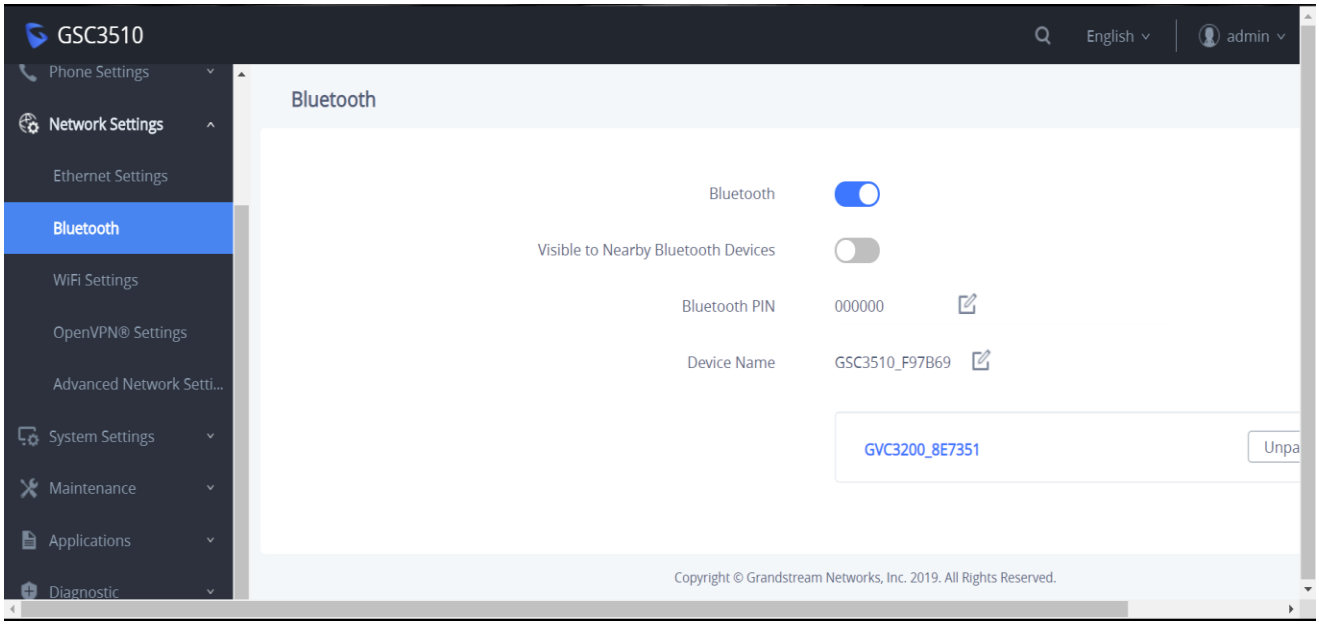
- **P-Value**

P-Value	Description	Value Range	Default
P953	RTSP Server Path	See Config template for full value list	
P22328	RTSP Play Mode		0

BLUETOOTH PIN CODE

- **Web Configuration**

  This option can be found on the web UI under Network Settings -> Bluetooth -> Bluetooth PIN



- **Functionality**

  GSC3505/GSC3510 added support a PIN Code when connecting with Bluetooth devices.

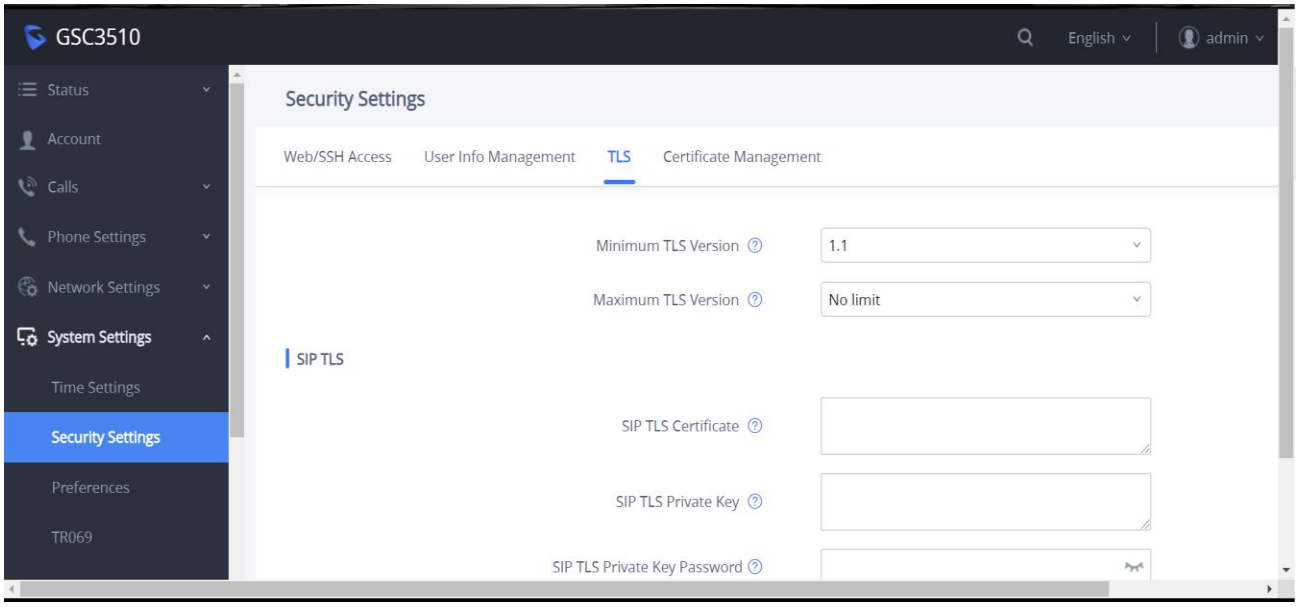
- **P-Value**

P-Value	Description	Value Range	Default
P22291	Bluetooth Pair Pin Code	Numbers only	

MIN/MAX TLS VERSION

- **Web Configuration**

  This option can be found on the web UI under System Settings -> Security Settings -> TLS -> Minimum TLS Version / Maximum TLS Version.



- **Functionality**

  Allow the GSC3505/GSC3510 to accepting the connection from the lower TLS version.

- **P-Value**

P-Value	Description	Value Range	Default
P22293	Minimum TLS Version	See Config template for full value list	11
P22294	Maximum TLS Version		99