# Release Note for TG Series Gateway

# Contents

# VERSION 91.3.0.23

**DATE: December 11, 2024**

## Bug Fixes

1. Fixed the following SMS issues:
   - When sending email to SMS, the "+" in the destination number was unexpectedly deleted.
   - If the password of email address was left blank, the SMTP test couldn't be started.
2. Fixed the call issue: After interconnecting TG gateway and P-Series Cloud Edition, calls made to P-Series Cloud Edition would fail as the name for SIP authentication was incorrect.

# VERSION 91.3.0.21

**DATE: May 12, 2020**

## NEW FEATURES

- Added SMS account.
  The administrator can log in to the TG web interface, and go to **SMS→SMS Account Setting** to enable the SMS account and set the username and password for the account.
  Users can log in to the TG web interface by the SMS account to configure and manage all the settings on the **SMS** page.
- Added QXDM (QUALCOMM eXtensible Diagnostic Monitor) tool for troubleshooting.（**Status→Reports→Troubleshooting**).
  QXDM is a debug tool designed by Qualcom, you can use this tool to trace and debug the data through mobile trunks.

## OPTIMIZATION

- Optimized SMS feature: You can successfully send SMS messages by API requests, whether the GSM port is busy in use or not.
  If the GSM port is busy in use, TG system records the SMS sending tasks; when the GSM port becomes idle, the system sends the SMS messages automatically.
- Optimized Mobile Trunk settings: After you change the **SMS Receipt** setting, a pop-up dialog will appear to ask you to reboot the device to take effect.
- Optimized Email setting: Added support for enabling or disabling **STARTTLS**.
- Optimized Backup feature: The maximum size of a uploaded backup file is limited to 8MB。
  **Note**: In the earlier version, the limitation is 1.8MB.

## BUG FIXES

- Fixed the AutoCLIP issue: When an AutoCLIP record was matched and used after the external user called back to the TG, the system didn't delete the matched AutoCLIP record.
- Fixed the "Email to SMS" issue: Sending messages from email to SMS, the messages would be displayed as garbage characters on the mobile phone.
- Fixed "Email to SMS" issue: "Email to SMS" feature could not work if an Office 365 email address was set as the TG system email.
- Fixed "SMS to Email" issue: "SMS to Email" feature could not work if the system email address didn't conform the format user@mailserver.
- Deleted G722 options from the system.
  **Note**: Using G722 codec will cause a call issue because that the mobile module doesn't support G722 codec.
- Deleted PPPoE network settings.
  **Note:** Considering that the PPPoE feature on TG doesn't meet users' actual needs, we deleted the PPPoE network settings.

# VERSION 91.3.0.3

**DATE: January 29, 2019**

## OPTIMIZATION

- Optimized IP to Mobile: If the **Call Source** is a SIP Register trunk, the **DID Number** field can be left blank to allow any incoming DID numbers.
  **Note:** In the earlier version, you should set **DID Number** as "X." or ".", or IP to Mobile could not work.
- Optimized the call quality on EC20 module.
- Optimized Mobile to IP route and Mobile to IP route: The **Hotline** field is allowed to enter special character "+".
- Optimized Send SMS feature: You can send SMS to a destination number with a special character "+".
- Added **DTMF Detection Mode** setting on Mobile trunk: Select a proper mode to ensure that the system doesn't detect audio as DTMF incorrectly during a call.
  **Note:** For TG Chinese version, the default mode is Software Detection; for TG international version, the default mode is Hardware Detection.
- Added **Echo Cancellation** setting on Mobile trunk: If the audio quality is bad, enable **Echo Cancellation** to improve the audio quality.

## BUG FIXES

- Fixed EC20 module issue: Call Waiting could not work if the SIM card was installed on an EC20 module.
- Fixed EC21 module issue: If a SIM card was installed on an EC21 module, the outgoing calls through the SIM card would be disconnected automatically.
- Fixed IP to Mobile issue: After connecting the TG gateway and an IPPBX, the PBX extension could not call out through the TG gateway's trunk if the extension's caller ID name has special characters.
- Fixed the issue that TLS feature could not work on TG gateway.
- Fixed USSD issue: The received Russian USSD displayed as garbage characters.
- Fixed USSD issue: The USSD session could not be exited.
- Fixed SMS issue: The received French SMS displayed as garbage characters.
- Fixed the issue that the SIM Short Code could not work on TG gateway.
- Fixed the compacity issue with Italian carrier Iliad.
- Fixed the compacity issue with Portuguese carrier TMN.

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# VERSION 91.2.0.11

**DATE: August 20, 2018**

## BUG FIXES

- Fixed the issue that the call quality was bad if you increased the call volume.

# VERSION 91.2.0.4

**DATE: March 29, 2018**

## NEW FEATURES

- Added Port Monitor Tool for troubleshooting on web.

## OPTIMIZATION

- Improved the stability of the TG gateway.
- Compatible with Yeastar MySMS.
- Optimized IP Blacklist function.
- Optimized Email to SMS: supported sending email to multiple mobile numbers (Max. 10).
- Optimized Virtual Ring Back Tone setting: supported 180 Ringing with SDP.
- Supported configuring two IP address for LAN/WAN port.
- Optimized web interface.
- TG gateway will respond 200OK to OPTIONS packets by default.

## BUG FIXES

- Fixed the VoIP Register Trunk issue: if the trunk has multiple DID numbers, Mobile to IP route could not work.
- Fixed the VoIP Account Trunk issue: if you connected TG and the PBX by a VoIP Account trunk, IP to Mobile route could not work.
- Fixed the IAX Account Trunk issue: if you set DID number on IP to Mobile route, the IP to Mobile route could not work.
- Fixed the issue that TG gateway could not identify SIM cards.
- Fixed the issue that a certain GSM/3G/4G module would have problem if you rebooted multiple GSM/3G/4G modules.
- Fixed the Send SMS issue: the received SMS would contain messy codes.
- Fixed the issue that GSM/3G/4G trunk might not work.
- Fixed the issue that if an SMS has many contents, the SMS could not be sent successfully through a 4G module.
- Fixed the issue that USSD function could not work.
- Fixed the Backup and Restore issue: the TG gateway could not restore a correct SSH setting from the backup file.