RUT240 Firmware Downloads (legacy WebUI)

FW downloads

This page contains various firmware versions for RUT2XX devices.

Note: packages for Package Manager are independent from firmware and can be downloaded in the Package Downloads page.

Firmware Version		Changelog
Latest FW	**RUT2XX_R_00.01.14.7**	**2023.05.19**

FW checksums

A list of firmware checksums for RUT2XX firmwares uploaded in this page: **checksum list**

Notes

- To successfully upgrade RUT240 from Legacy firmware (RUT2XX_R_00.01.14.1 and below) to RUTOS (RUT2_R_00.07.01 and up), you must first upgrade to the latest Legacy firmware (**RUT2XX_R_00.01.14.3 and up**) and then upgrade to latest RUTOS firmware. For example:
  - It is **not** possible to upgrade from **RUT2XX_R_00.01.14** to **RUT2_R_00.07.01** and vice-versa;
  - It is possible to upgrade from **RUT2XX_R_00.01.14** to **RUT2XX_R_00.01.14.4** first, then to **RUT2_R_00.07.01** and vice-versa.

- RUT240 devices with **MeigLink** SLM750 module are only supported on firmware version RUT2XX_R_00.01.14.4 and up. You can find the module present on your device in Device (legacy WebUI) WebUI page.

Changelog

RUT2XX_R_00.01.14.7 | 2023.05.19

- Fixes:
  - Fixed CVE-2023-32349 vulnerability

RUT2XX_R_00.01.14.6 | 2022.08.03

- Fixes:
  - Enhanced SMS Utilities service security

[RUT2XX_R_00.01.14.5](#) | 2021.12.09

- New features:
    - DFOTA modem upgrade system for Quectel modems

- Fixes:
    - Fixed mobile MTU setting
    - Fixed incorrect QMI calls to modem
    - Increased buffer size for AT+CGDCONT output
    - Fixed persistence of DMZ firewall rules when loading Firewall General page

[RUT2XX_R_00.01.14.4](#) | 2021.10.11

- New features:
    - Added MeigLink SLM750-VAU support
    - Added ping to DNS feature for mobile

- Fixes:
    - Patched CVE-2021-33909 vulnerability
    - Patched CVE-2019-14834 vulnerability
    - Patched CVE-2021-37600 vulnerability
    - Fixed VoLTE configuration for EC25-V modules
    - Fixed seting band issues
    - Fixed RMS rscp, ecio, rsrp, sinr and rsrq values

[RUT2XX_R_00.01.14.3](#) | 2021.08.17

- New features:
    - Added MeigLink SLM750-VSA and SLM750-VJ support
    - Added MeigLink SLM750-VJ manual frequency band selection
    - Added MQTT Modbus Gateway keep alive option

- Improvements:
    - Added conntrack flush after IPsec connection

- Fixes:
    - Fixed hardware information config corruption when applying backup
    - Fixed backup archive validation
    - Fixed redirecting to correct IP address after firmware upgrade with keep settings
    - Fixed Modbus Master Alarms enabling

[RUT2XX_R_00.01.14.1](#) | 2021.07.02

- New features:
    - MeigLink SLM750 Australian module support

- Improvements:
    - Added CallFailed error handling
    - Updated APN database with OTA BELL ME operator APN
    - Added Client ID option to Data to Server
    - Added band selection support for Meiglink SLM750
    - Added band parsing to mobile library
    - OpenSSL updated to version 1.1.1k

- Fixes:
  - Fixed signal strength LED handling for Meiglink modems
  - Fixed backup generating without packages
  - Fixed service mode handling for Meiglink SLM750 modems
  - Fixed band handling when switching service modes
  - Fixed SMS storage swap to modem when connection type changed from QMI to PPP
  - Fixed IPsec Passthrough function handling
  - Fixed Package Manager package install crash on reboot
  - Fixed modem FW version show for Meiglink SLM750
  - Restored no-ip.com, nsupdate and cloudfire.com-v4 DDNS configurations
  - Fixed DDNS hostname, username and password fields not showing when custom service is chosen
  - Fixed IPSec Pre-shared key option validation
  - Added security Wireless fixes for the FragAttacks vulnerabilities

[RUT2XX_R_00.01.14](#) | 2021.03.23

- New features:
  - PPPoE wired WAN
  - WiFi Multiple AP configuration page

- Improvements:
  - Added SHA1 HMAC hash support to dropbear (SSH server/client)
  - Updated libpcap to version 19.1
  - Updated sqlite3 to version 3.33
  - Updated curl to version 7.74
  - Updated ncurses to version 6.2
  - Updated pcre to version 8.44
  - Updated iptables to version 1.6.2
  - Added hard request, alarm and slave limits to MODBUS TCP Master
  - Added USB ZLP flag to avoid mobile network loss
  - Added new gsmctl command that returns operator names
  - Added check for newline symbol at the end of an uploaded OpenVPN config file; if newline is not found, it is added automatically

- Fixes:
  - Fixed CVE-2019-9755
  - Fixed CVE-2018-16789
  - Fixed CVE-2020-12762
  - Fixed CVE-2021-22161 (updated odhcp6c and netifd to fix IPv6 routing loop on point-to-point links)
  - Fixed revision buffer size for Operator Control
  - Fixed operator selection logic
  - Fixed default PPTP route option handling
  - Fixed display of DDNS Hostname, Username and Password options when custom service is selected
  - Fixed incorrect VLAN ID range
  - Fixed IPsec start after reboot issue
  - Fixed IPsec cache issues
  - Fixed firewall rule execution when QoS is not enabled
  - Fixed ZeroTier crashing issues
  - Fixed Events Log Reporting sending email with attached file

- Fixed unexpected Package Manager crash while installing unsupported packages
- Fixed static mobile routes after modem restart
- Fixed routing issue with mobile PPP connection type
- Fixed double entries after firmware upgrade with keep settings on Output Scheduler
- Fixed Hotspot freeze on launch with certain config bug
- Fixed wireless device frequency and channel display in wireless widget
- Fixed typo from 'Start IP address' to 'End IP address' under DHCP server configuration

[RUT2XX_R_00.01.13.3](#) | 2021.01.26

- Fixes:
  - Added dnsmasq patch CVE-2020-25681, CVE-2020-25682, CVE-2020-25683, CVE-2020-25684, CVE-2020-25685, CVE-2020-25686, CVE-2020-25687
  - Fixed SSH reachable over SIM IP in early boot

[RUT2XX_R_00.01.13.2](#) | 2021.01.12

- Fixes:
  - Added openvpn patch to fix CVE-2020-11810
  - Updated openssl to version 1.1.1i
  - Added dnsmasq patch for CVE-2019-14834
  - Added strongswan patch to fix CVE-2018-10811
  - Added hostapd patch to fix CVE-2019-16275, CVE-2019-11555, CVE-2019-13377 vulnerabilities
  - Updated uci to version 2019-09-01
  - Fixed setting APN and toggling Auto-APN on/off via SMS Utilities
  - Fixed factory reset on button that wouldn't perform a complete settings wipe

[RUT2XX_R_00.01.13.1](#) | 2020.11.19

- Fixes:
  - Randomized the global rate limiter to mitigate "SAD DNS" attack

[RUT2XX_R_00.01.13](#) | 2020.10.23

- New features:
  - IPsec Xauth
  - IPsec Passthrough

- Improvements:
  - Added Input/Output default chain policy selections for firewall zones
  - Removed IPv6 related options from Setup Wizard
  - Improved WebUI page loading speed
  - Added a possibility to set MQTT credentials for Modbus Data Sender
  - Added options to keep connection open for Modbus TCP Slave
  - Added TLS certificate options to HTTP(S) data sending for Modbus data
  - Added the option to send SMS messages to multiple numbers on Modbus Alarms
  - Added IPsec aggressive host enable option
  - Expanded IPSec identifier validation
  - Added WiFi SSID field validation
  - Changed IP leasing sequence in mobile Passthrough mode
  - Added SHA512 support
  - Added MD5 & SHA256 checksum calculation for Configuration Backup files

- Added uploaded package signature verification to Package Manager
- Added new program that sends and reads GRE Tunnel 'keep alive' packets
- Changed default WAN Failover values
- Simplified key combination for opening a new CLI tab

- Fixes:
  - Fixed Modbus MQTT Gateway not responding when connection with broker restarts
  - Fixed Modbus MQTT Gateway not responding when topics gave special characters
  - Fixed Modbus MQTT Gateway enable option hint; fixed option dependencies in data sender configuration
  - Fixed configuration field validations in the Modbus MQTT gateway page
  - Fixed MQTT topic validation in Modbus pages
  - Fixed configuration field validations in the ThingWorx page
  - Fixed Periodic Output Control table layout
  - Fixed security related issues to file uploading and HTTP headers
  - Fixed adding new L2TP and PPTP instances on non-English WebUI
  - Disabled WiFi STA when authentication fails in STA+AP mode due to bad key
  - Fixed WiFi SSID string handling in fix_sta_ap.sh
  - Disabled channel checking if WiFi device is turned off while in the Network → Wireless page
  - Fixed duplicate "Associated Stations" table entries in the Status → Network → Wireless page
  - Fixed table design in the System → Administration → Access Control → Safety page
  - Fixed not setting iptables rules for mobile interface
  - Fixed saving APN after firmware upgrade
  - Fixed default mobile MTU setting
  - Fixed access to LAN page when mobile Bridge mode is enabled
  - SMS-Utilities: fixed exiting when at least one Events Reporting rule was not enabled
  - Removed IPv6 Subprefix Hint field from the Network → LAN page
  - Fixed DNS push from OpenVPN server
  - Fixed L2TP over IPsec with Android 10
  - Removed crt_rms deprecated service
  - Fixed RMS collecting data usage
  - Fixed mobile status error for Load Balancing
  - Fixed WAN MAC address value in SMS Utilities command response
  - Fixed answer delay for Call Utilities commands
  - Fixed key combination not working
  - Removed Wireguard from the Network → Status page when this package is not installed
  - Changed SNMP RX, TX object types to uint64

[RUT2XX_R_00.01.12.3](#) | 2020.06.15

- Improvements:
  - Improved RMS connection establishment

[RUT2XX_R_00.01.12.2](#) | 2020.05.08

- Fixes:
  - Fixed Verizon operator APN configuration

RUT2XX_R_00.01.12.1 | 2020.04.09

- Fixes:
    - Fixed AT&T operator APN

RUT2XX_R_00.01.12 | 2020.03.24

- New features:
    - Added sms remote configuration option
    - Added "Enable HTTPS" option in "Access Control" page
    - Added network frequency band select support for EG25-G modem
    - Added additional service mode options to setup wizard
    - Added Japanese language support
    - Added TLS support to MQTT publisher
    - Added mqtt subscriber support
    - MQTT-Modbus gateway: add MQTT-Modbus gateway support
    - Added ability to install packages stored in backup file
    - Full Unicode SMS support
    - Added time sync from operator station
    - Added ntpclient failover to operator station sync
- Improvements:
    - Removed wep encryption from WiFi settings
    - Added profile scheduler and default configuration profile
- Fixes:
    - Fixed TR-069 wan type value
    - removed GRE tunnel option in Events reporting
    - Removed config update from server option
    - Fixed to display the same units of download and upload speeds in the Hotspot settings.
    - Fixed not showing Hotspot users upload/download statistics
    - Added ability to write hyphens to static lease hostname.
    - Fixed RAM usage display
    - Fixed password change URL after firstboot
    - Removed change password error message after firstboot
    - Fixed Web access Control via SMS Utilities
    - Fxed signal strength logging and reporting

RUT2XX_R_00.01.11.3 | 2019.12.04

- Fixes:
    - Fixed RMS not displaying data when using WiFi
    - Fixed RMS not displaying WAN IP with WAN failover

RUT2XX_R_00.01.11.2 | 2019.11.12

- Fixes:
    - TR-069 WAN type value fix
    - RMS batch number instead of product code bug fix
    - Added missing HMAC options and PKCS12 support to OpenVPN

RUT2XX_R_00.01.11.1 | 2019.10.21

- New features:

- Auto APN
- SMS Utilities Auto APN toggling
- Operators control & support for JioAPN
- Package Manager
- RMS wireless monitoring
- Port based VLAN configuration
- I/O power socket pinout image
- VRRP advertisement interval option

- Improvements:
  - UPnP updated to version 2.1
  - SIM switching optimizations
  - Faster SSH private key generation on first boot
  - Added network, serving and neighbor cell information to Troubleshoot files

- Fixes:
  - Wget Reboot minimal interval for action 'reboot' added
  - Ping Reboot packet size 0 fix
  - Modbus WebUI fixes
  - Modbus WiFi/Mobile on/off fix
  - SMS Utilities table validation fix
  - SMS Utilities UCI API fixes
  - SMS Utilities SMS response status fix
  - SMS-Utilities WiFi/Mobile on/off fix
  - Clarified WebUI options for SMS Forwarding
  - Hotspot Statistics tab shows incorrect information fix
  - Hotspot session name validation fix
  - Hotspot landing page file upload limits increased
  - Fixed MAC address clone configuration
  - Fixed sessions table dependency on authentication mode
  - Events log network type logging on modem service restart fix
  - Events Reporting typos that prevented rules being matched fixes
  - WAN Failover option disappearing after language change fix
  - Removed unnecessary fix_sta_ap.sh from syslog messages
  - Removed OpenVPN converting names to hex
  - Added file upload limits
  - DDNS name validation fix
  - Hostname and router name after backup upload fix
  - Mobile Data Limit firewall rule init fix
  - Added missing password validation
  - Fixed default VRRP config to follow RFC 2338
  - Changed packages names in Package Manager
  - Input/Output label & functionality fixes
  - FOTA memory calculation fix
  - Removed "Site Survey" page

RUT2XX_R_00.01.10 | 2019.07.12

- New features:
  - New flash validation added

- Improvements

- Added reply after mobileon and mobileoff SMS Utilities commands

- Fixes:
  - Firmware upgrade with keep settings fix
  - PPTP fix when upgrading firmware with keep settings
  - Do not autocomplete non-system passwords fix
  - Added validation for 'Service mode' change
  - VRRP template fix
  - Added validation for user group number format
  - SMS Gateway: removed new line add after configuration save
  - Added validation to prevent shell command execution via 'name' field in Wake on LAN
  - NTP time zone options fix
  - MQTT bridge with SSL/TLS connection fix
  - 'Use DNS servers advertised by peer' does not save fix
  - 'FW update available' fix
  - WAN state and IP print fixes

RUT2XX_R_00.01.07.1 | 2019.06.10

- Fixes:
  - Increased RMS HTTP Proxy resource limit

RUT2XX_R_00.01.07 | 2019.05.31

- New features:
  - SNMP: Individual port status added
  - openssl: update to version 1.0.2r
  - dropbear: update to version 2019.78
  - busybox: update to version 1.30.1
  - uci: update to version 2018-08-11
  - ubus: update to version 2018-10-06
  - ubox: update to version 2019-04-07
  - libubox: update to version 2019-02-27
  - MQTT: added MQTT support
  - WebUI: add additional band support for EC25
  - UPnP: UPnP added
  - WebUI: add events reporting and reporting configuration support
  - Flash: Add XT25F128B flash support
  - Strongswan: Custom option added
  - WebUI: upload backup from lower firmware version support

- Fixes:
  - Wireless: Station availability when two or more Access Points are created fix
  - Mobile Graphs: Color and line adjustments
  - WebUI: Overview->Network->Topology: WAN Failover redirection fix
  - Strongswan: Shared-keys fix
  - WebUI: fix input validation issues
  - Mobile traffic: graph fixes
  - WebUI: fix LEDs Indication setting
  - QMI2: set 1st context to IPv4
  - Hotspot: Restrict internet access fix
  - Hotspot: 'Invalid' prompt after deleting session fix

- IPSec: No shared key validation added
- Email-to-SMS: longer SMS fix
- IPSec: Allow WebUI access with HTTPS fix
- RMS: fixed disable on sysupgrade with keep settings
- WebUI: LEDs Indication hint text fix
- IPSec: Fixed NAT rules application for IPsec traffic from WEB interface
- SMS-Utils: '00XXX' and '+XXX' synonymous numbers fix
- Wireless: Regulatory domain and channel change fix
- SMS-Management: Error message after successful SMS send fix
- Services: SNMP Trap redirection fix
- Periodic Control: Rule addition in Chromium fix
- Setup Wizard: Dialing number disappearing fix
- WAN: After interface edit, redirect back to main WAN window fix
- SNMP: Teltonika MIB file fix
- rms_mqtt: HTTPs proxy fix
- rms_json: Fixed WAN State and WAN IP
- Wireless: STA connection loss fix
- QoS: Speed limitation fix
- Stunnel: Removed unnecessay WebUI options, added validation.
- Port Scan Prevention: Disable fix
- Port Scan Prevention: Warning message for remote access added
- ledman: fixed led issue when there is no connection
- ledman: fixed led issue when rebooting router with reset button
- Wireless: Channel frequency dispaly fix
- Administration: RMS 'infobox' fix
- Setup Wizard: RMS 'infobox' fix
- Setup Wizard: Validation and redirection fixes
- VRRP: updated to 1.15 version
- LAN: Static leases fix
- Backup: Redirection to 127.0.0.1 after backup load fix
- Network: 'Use WAN as LAN' availability fix
- WebUI: WAN as LAN when using main WAN WIFI fix
- Network: Delete static protocol options after change to DHCP fix
- L2TP and PPTP: updated services

[RUT2XX_R_00.01.06.1](#) | 2019.03.18

- New features:
  - Added 'More' SMS Utilities rule

- Fixes:
  - RMS reconnect issue fix
  - Hotspot authentication mode change fix
  - Overview widget fixes
  - Connection uptime widget fix
  - SMS Management inbox read fix
  - Wireless scan fix
  - SSTP service update
  - SMS-Utilities: various functionality fixes
  - Restore-Point: Removed the ability to load restore points of a different router
  - VLAN: LAN Network configuration backup fix
  - Maximum length SMS message send fix

- Long SMS messages stretch out WebUI fix
- Ping Reboot: reboots after service is disabled fix
- Removed warning message when scanning for WiFi STA
- Setup Wizard WiFi channel select custom option remove fix
- Call Utilities: double zero in front of the number fix
- Setup Wizard: you cannot procceed with setup if you disable DHCP fix
- Restore to default percentage counting fix
- WoL: Use WAN as LAN fix
- Network Operators: Typo fix
- Events log: Typo fixes
- Hotspot Statistics: WebUI shows WiFi AP's and STA when they are not a hotspot fix
- Hotspot: configuration saves without advertisement address fix
- WiFi channel frequency display fix
- Mobile Traffic: daily statistics show wrong time fix
- STunnel text display fix
- IPSec text display fix
- OpenVPN remove TLS clients in TAP mode fix
- Hotspot: Tab placement fix
- Overview: Text changes
- SMS-Utilities: 'uci show' fix
- WebUI: added connection band info to mobile status page
- Mobile: fix for LTE band default value for different regions
- RMS: fixed logread messages
- I/O: fixed output state labels

[RUT2XX_R_00.01.05.1](#) | 2019.02.22

- New features:
    - Added Wake on LAN functionality
    - Added Wake on LAN SMS Utilities rule
    - Added STunnel feature to VPN services

- Improvements:
    - Added every WAN interface selection to Qos
    - Add modem restart option to Periodic Reboot
    - Updated curl to version 7.64.0
    - Updated OpenSSL to version 1.0.2q

- Fixes:
    - L2TP network restart after connection loss fix
    - OpenVPN service restart when TLS-Password is changed fix
    - Mobile IP and gateway fix
    - Overview OpenVPN widget display fix
    - IPSec psk_key save after older firmware upgrade fix
    - Configuration backup and firmware upgrade stuck on the 'downloading' page fix
    - SNMP memory leak fix
    - Mobile data limit keep limit after firmware upgrade with keep settings fix
    - Remote access information fix
    - L2TP IP range change fix
    - Setup Wizard → LAN DHCP fields not hidden when DHCP is unchecked fix
    - Hotspot firewall rules fix
    - Data-only SIM fix

- Wireless Station and Access Point fixes
- Deleted unnecessary IPsec keep alive option
- Fixed GRE Tunnel connection
- Removed NOTRACK target from firewall rules
- WAN IP not showing on Login page fix
- DDNS process kill fix
- WAN selected as LAN fix
- IPSec restart when backup mobile fails fix
- RMS memory usage fix
- CLI Connect button fix
- Mobile traffic counter resetting fix
- Multiple OpenVPN related fixes
- Ping Reboot fix

[RUT2XX_R_00.01.04.2](#) | 2018.12.20

- Fixes:
  - SSH security fix
  - Mobile page fix

[RUT2XX_R_00.01.04.1](#) | 2018.11.15

- New features:
  - Added NTP server, force servers option for ntpclient
  - Added selectable network band support
  - Added SSTP
  - Replace bird routing package with quagga package
  - Added WiFi MAC Filter address range support
  - Changed RMS communication protocol to use MQTT instead of OpenVPN
  - Enabled SSH diffie-hellman-group14-sha1 key exchange algorithm

- Improvements
  - Updated mobile operator database
  - Enabled Wired (Main) + Mobile (Failover) multiwan in default configuration
  - Sensitive information (usernames and passwords) removed from router's Troubleshoot file
  - Added warnings to Call Utilities when on 4G-only mode

- Fixes:
  - Fixed multiwan restart sequence issues causing VPN instabilities
  - Static Routes fix
  - WiFi updates and security fixes
  - Minor improvements and bug fixes for operator selection
  - SNMP MIB values and file format fix
  - SNMP Hotspot and serial values fix
  - Redirect to login page after factory reset fix
  - IPsec init script fix
  - Overview WiFi widget fix
  - Modbus WiFi enable/disable fix
  - Modbus APN write and memory leak fixes
  - JavaScript code multiplication fix
  - DHCP server lease time validation update fix

- Hang up on watchdog reset fix
- Overview mobile WAN IP display fix
- curl: update to 7.62.0
- OpenSSL: update to 1.0.2p
- cacert: update to 2018-10-17
- arptables segmentation fault fix
- quectel-CM: updated to latest version
- GRE Tunnel delete after button press fix
- Update Teltonika contact address in Licenses page
- Disabled passthrough and bridge selection when multiwan is enabled
- Fixed lua dispatcher error after reboot
- Fixed multiwan metrics and priorities
- SMS Utilities SMS status WAN IP with multiwan fix

[RUT2XX_R_00.01.03.5](#) | 2018.10.23

- Fixes:
  - VPN shutdown at delete fix
  - PPTP default gateway set and delete fix
  - OpenVPN status fix
  - OpenVPN configuration section name compatibility fix
  - IPsec redirect after save fix
  - Overview VRRP widget status fix
  - Hotspot start after reboot fix
  - Added default LAN IPv6 address
  - Overview WAN wiki link fix
  - Hotspot overview fix
  - Mobile data counter reset fix

[RUT2XX_R_00.01.03.2](#) | 2018.09.05

- New features:
  - Added operators control with white/black list feature
  - Added Administration -> Root CA page

- Improvements:
  - Added many security updates
  - Added firmware update information
  - Added CellID information to Troubleshoot file

- Fixes:
  - GPL: compilation fixes
  - Configuration restore fix
  - Disabled Hotspot users' ability to reach LAN devices and WebUI
  - Port Forwarding IP validation fix
  - System -> Administration -> Overview page loading fix when VPN configuration exists
  - Some minor DHCP display fixes
  - Call Utilities reboot action partial message fix
  - DDNS IP source change and added time selection
  - OpenVPN service fixes
  - Some minor QoS fixes
  - Some minor OpenVPN fixes

- Configuration Wizard: LAN page redirect fix
- Overview WAN IP fix
- Added Redirect to HTTPS information
- Troubleshoot TCPdump fix
- Changed 'Backup WAN' to 'WAN Failover'
- WebUI: language translation in some pages fix
- Hotspot: SMS OTP authentication fix (Mantis ID: 0022367)
- Overview VPN widget IP fix

[RUT2XX_R_00.01.02.6](#) | 2018.08.22

- Fixes:
    - Fixed GPL Readme
    - Fixed JavaScript password validation

[RUT2XX_R_00.01.02.3](#) | 2018.06.08

- Fixes:
    - Fixed RMS status in overview page
    - Fixed LTE signal strength graph

[RUT2XX_R_00.01.01.4](#) | 2018.05.16

- New features:
    - Added DHCP Force option
    - Added RMS connection page to Setup Wizard
    - Added forced password change

- Improvements:
    - Updated Overview widget icons, added Teltonika Wiki links
    - Added private key decryption function to OpenVPN client configuration
    - Added additional DPD options

- Fixes:
    - Fixed Wget reboot URL datatype
    - WebUI: SSH access status fix
    - Added special symbols exception to SMS-Forwarding
    - Added missing Events Reporting config for SMS-Utilities
    - PPP enable/disable bug fix
    - Multiple Call Utilities fixes
    - SMS event queries fix
    - Removed unnecessary sim_switch message text
    - Some SSH security fixes
    - Updated Modbus sources and coding table
    - Multiple OpenVPN bug fixes
    - Graphs/Signal strength fix when using HSDPA+HSUPA network type
    - Fixed VLAN DHCP leasing
    - Administration password change fix
    - STA mode logic changed
    - Hotspot bandwith limit fix
    - Moved IP alias gateway to advanced features
    - Administration -> Overview fix
    - Factory reset fix due to mobile connection problems

[RUT2XX_R_00.01.00](#) | 2018.03.19

- Improvements:
    - Added hostname validation for Wget Reboot
    - New versioning logic

- Fixes:
    - Output ON/OFF fix
    - Firmware Upgrade fix
    - SSH authentication logging fix

[RUT2XX_R_00.00.553](#) | 2018.03.09

- New features:
    - Added Redirect LAN to GRE function

- Fixes:
    - Mobile Data Limit fixes
    - User's password removed from users table
    - Firmware upgrade message fixed

[RUT2XX_R_00.00.539](#) | 2018.03.01

- Fixes:
    - Minor Openvpn functionality fixes

[RUT2XX_R_00.00.486](#) | 2018.02.27

- New features:
    - Added two additional fields to Hotspot Landing Page link configuration (SMS have password, SMS no password)

[RUT2XX_R_00.00.482](#) | 2018.02.22

- Fixes:
    - Updated SMS send satus
    - Added Modbus enable check-box
    - Added firewall rule so the router would be reachable from WAN when access control is enabled

[RUT2XX_R_00.00.474](#) | 2018.02.20

- Improvements:
    - Added download MIBS button to SNMP page

- Fixes:
    - Fixed style for VPN service pages, Modbus page

[RUT2XX_R_00.00.388](#) | 2018.02.19

- New features:
    - Added Relayd function that can make the router act like a wireless range extender

[RUT2XX_R_00.00.382](#) | 2018.02.06

- Fixes:
    - Fixed Wi-Fi logging to FTP function
    - Fixed site blocking file parsing
    - System Information texts fix

[RUT2XX_R_00.00.377](#) | 2018.01.31

- New features:
    - IPsec: added Transport mode, Firewall options, local IP management options

- Improvements:
    - Moved Disable NAT flags from VPN to Firewall page

- Fixes:
    - Fixed Firewall config for hotspot interface assignment
    - DMZ rule position fix

[RUT2XX_R_00.00.372](#) | 2018.01.16

- Improvements:
    - Added binero.se to DDNS service providers list
    - Added some additional SMS Utilities hints
    - Added support for changing Wireless SSID name from branding script
    - Improved Email to SMS function

- Fixes:
    - WAN port status display fix
    - Fixed SMS Utilities Write to config bug when sending mobileoff message
    - Whitelist blocking fix in Site Blocking

[RUT2XX_R_00.00.355](#) | 2018.01.05

- New features:
    - Added WPA-Enterprise encryption type support for Wi-Fi Access Points
    - Added Email To SMS, SMS Forwarding functions
    - Added Wget Reboot function

- Improvements:
    - Updated fw upgrade validation for future firmwares

- Fixes:
    - Fixed bug of not being able to use hostnames as a destination for Ping Reboot
    - Input/Output Scheduler backup bug fix
    - System->Administration page style fixes
    - Removed wifid due to security issues
    - Configuration Backup bug fixes

[RUT2XX_R_00.00.339](#) | 2018.01.02

- New features:
    - Added IPsec option for WebUI access through tunnel
    - Added Reset button custom hold time configuration

- Fixes:
    - Minor Mobile Data Limit bug fix
    - Renamed mibs file to TLT-MIB.txt
    - Temperature display fix
    - Added Async Control Character Maps
    - Fixed minor grammatical errors in the WebUI
    - OpenVPN hints fix

[RUT2XX_R_00.00.312](#) | **2017.12.08**

- Fixes:
    - Some minor PPTP Server and Client functionality fixes
    - Added fix to PPP Connection Type due to disconnecting mobile connection
    - Real traffic fix

[RUT2XX_R_00.00.307](#) | **2017.12.05**

- New features:
    - Added Hotspot configuration profiles

- Improvements:
    - Added custom redirect address
    - Added troubleshoot file download protection

- Fixes:
    - Some minor Hotspot functionality fixes
    - Mobile data logging fix
    - Some minor Dynamic DNS functionality fixes

[RUT2XX_R_00.00.296](#) | **2017.11.23**

- Improvements:
    - SMS Utilities fw_upgrade rule now works with Keep Settings

- Fixes:
    - Minor Reregister function fix
    - Use IPv4 only fix
    - Minor mobile interface fix
    - Some minor Site Blocking fixes
    - Connect to hidden WiFi AP fix
    - Multiwan metric change fix for RUT230

[RUT2XX_R_00.00.284](#) | **2017.11.03**

- Improvements:
    - Improved Mobile Data Limit functionality
    - Improved Load Balancing functionality