



# Firmware Release Notes

NTC-501 / NTC-502



Doc No. FR01501



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## Document history

This document contains Release Notes for the following product: NTC-501 & NTC-502

Ver.	Document description	Date
v1.00	Initial document release	27 September 2023
v1.01	Updated for release v1.2.15.0	22 February 2024
V1.02	Updated for release v1.2.50.1	26 August 2024
V1.03	Document branding update	04 September 2024

*Table i. – Document revision history*

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## Firmware details

ITEM	DESCRIPTION
Model	NTC-501 / NTC-502
Release date	23 August 2024
Official / Beta Firmware	Official
Firmware Version	1.2.50.1
Production release (NTC-501)	File: ntc_501_1.2.50.1_root.star SHA256: 49bef5b9a1ec3c0a404aeb9c5cc6cc7d2931611794aee5dcd91dd7fd3dfd0dc7
Production release (NTC-502)	File: ntc_502_1.2.50.1_root.star SHA256: 63598ec30744a4c083e2102d3be8078e2dee5c0624d0a7d1c9632d7296859b1a

# Version History

## v1.2.50.1

### New Features

Summary	Reference Number
New A/B System configuration page	#1312
Support for Software AG Cumulocity IoT	#1755, #1762, #2218
Support for LDAP	#1820, #2165, #2219

### Enhancements

Summary	Reference Number
Various WebUI improvements	#1468, #1688, #1720, #1764, #2057, #2071, #2146, #2149, #2178, #2197, #2199, #2205, #2208, #2228, #2236
Improvements to the 5G slicing feature	#1823, #2096, #2162, #2163, #2166, #2268
Improvements to the roaming feature	#1867
Improvements to the MQTT feature	#1878
Various security enhancements	#2006, #2006, #2014, #2081, #2082, #2084, #2085, #2086, #2087, #2088, #2089, #2098, #2131, #2132, #2134, #2182
Update module FW to the latest available	#2093, #2264
Improvements to USB interface	#2144
Improvements to IPSec	#2076, #2079
Improvements to TR-069 support	#2161
Improvements to the logging feature	#2164
Improvements to device stability	#2196, #2198

# v1.2.15.0

## New Features

Summary	Reference Number
New active firmware switching tool	#1273, #1272
New WebUI style	#1618
New low power mode	#1321, #987, #1763
Support for VLAN configuration	#1375
Support for Microsoft Azure IoT Hub	#849
Support for Amazon Web Services	#807

## Enhancements

Summary	Reference Number
Improvements to WebUI	#1253, #1282, #1452, #1453, #1454, #1506, #1569, #1668, #1718, #1707, #1720, #1775, #1206, #1204, #897, #1592, #1345, #1342, #1343
Improvements to Ping watchdog	#1335
Improvements to MQTT client	#1545, #1726
Updates to TR-069 device info	#1622
Improvements to DNS assignment feature	#685
Improvements to LWM2M feature	#971
Improvements to OpenVPN functionality	#1650
Improvements to SMS feature	#1650
Improvements to VPN via P2P feature	#1752
Improvements to embedded SIM detection	#1754
Improvements to 5G slicing feature	#1344, #1439, #1372
Expanded 5G NR band support	#1380
Improvements to auto recovery features	#1462
Improvements to VRRP WAN Watchdog feature	#1364
Improvements to WAN Failover feature	#1537

## v1.1.88.0 – Initial Release