Firmware Release Notes

4G LTE Cat M1/NB1 Industrial IoT Serial Modem

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Note – This document is subject to change without notice.

Document history

This guide covers the following products:

NetComm Wireless - 4G LTE Cat M1/NB1 Industrial IoT Serial Modem

VER.	DOCUMENT DESCRIPTION	DATE
v1.0	Initial document release	17 August 2018
v1.1	Updated for v2.7.0	13 September 2018
v1.2	Re-issued for v2.7.0 with more detail and newly discovered known issue	19 September 2018
v1.3	Updated for v3.3.1	2 May 2019
v1.4	Updated for v3.3.3	22 November 2019
v1.5	Updated for 3.3.9	6 April 2020

Table i. - Document revision history

Release information

ITEM	DESCRIPTION
Module firmware version	BG96MAR02A09M1G_O
Application firmware version	3.3.9
Status	Official
File name for OTA update	NTC100.3.3.9.bin.signed (537KB) [MD5: ac9010efe493c28f00dd17cef3763b0e]
File names for local PC update	NTC100.bin MD5:8bd58bebe6f22dd05a85f35666387549] NTC100.signature [MD5:5c0b209bcd5272cc602a1c7d9a8813bc] oem_app_path.ini [MD5: 82201f76f99c7e3e5696cab1b017848f]

Release history

v3.3.9

Enhancements

ISSUE ID	DESCRIPTION
39540	Fixed a bug in which enabling CEREG URC prevented PPP dial from the serial port.
39541	Implemented transporting of URC message received from the module to the Serial port.

v3.3.3

Enhancements

ISSUE ID	DESCRIPTION
38222	Fixed an issue where an error was returned when the "get settings" SMS command was sent and the reply contained more than 160 characters.
38223	Fixed an issue where the "1234execute pdpcycle" command returned an error despite successful execution.

v3.3.1

New features

ISSUE ID	DESCRIPTION
22516	LWM2M Client implemented
22508	Log storage and export implemented
22509	Added at+all_config? command to display all current configuration
24843	Application filename now includes version number
22532	Added the ability to export and download the default and current configuration files

Enhancements

ISSUE ID	DESCRIPTION
24380	Fixed an issue where the device may stop attempting to connect if the first APN from a multiple APN list fails to connect.
22517	Improved serial throughput in PPP mode
22522	Improved PPP mode dialling

v2.9.1 (Beta release)

Enhancements

ISSUE ID	DESCRIPTION
22515	Implemented ability to enable/disable login authentication
22514	Updated Status message to show RSRP.
22511	Modified AT+SERVER command so that in PAD Server mode, Server IP address configuration is not mandatory.
38108	Fixed a force reconnect issue
22512	Implemented TCP kick off.
22521	Implemented DCD pin control commands.
24839	"set server" SMS command now accepts a hostname, not just an IP address.

v2.7.0

Enhancements

ISSUE ID	DESCRIPTION
24373	SMS notifications are now sent when the Module firmware is upgraded successfully.
24357	In PAD server mode, TCP/UDP connections are now established when pdp_type=IPV4V6
24381	Improved the handling of the "get ping" SMS command.

Known issues

ISSUE ID	DESCRIPTION
24380	If the first APN in a multiple APN list fails to connect, the device doesn't re-attempt with the second APN.
24839	The 'set server' SMS command does not accept hostnames.

v2.6.0 – Initial firmware release

Known issues

ISSUE ID	DESCRIPTION
24380	If the first APN in a multiple APN list fails to connect, the device doesn't re-attempt with the second APN.
24373	SMS notification is not sent when the Module firmware is upgraded successfully.
24357	In PAD server mode, a TCP/UDP connection does not get established when pdp_type=IPV4V6
24381	The "get ping" SMS command returns "Ping Successful" for failed pings.