

Release Notes



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Classification: External
Attn: Inmarsat Customers
Related Products: GX NX Series
Subject: **GX NX Series iARM Release Note – v2.05.006**

Dear Valued Customers,

Intellian is pleased to release new antenna and iARM software for the Intellian GX NX Series. This firmware should be applied to the models in Table 1 below.

It is recommended to upgrade to the latest firmware during the next service call or visit on board.

Table 1 Antenna firmware packages

No.	Product	Model Number	Previous Version	Release Version
1	GX-NX BDT	VP-TC4 (SMB3315)	iARM V2.04.002	iARM V2.05.006
2	GX-NX BDT	VP-T93 (CX751)	iARM V2.04.002	iARM V2.05.006

You can find the Firmware Package in Table 3 with dedicated download links.

Table 2 Summary

Category	Contents	Applied		Comments
		iARM	F/W	
New function	BUC/XCVR configuration selection available in AptusNX in setup mode	✓		Refer to 1.1
Improvement	AptusNX account password combination must use number, upper/lower case & special character	✓		Refer to 2.1
	10' time-out after 10 failed login attempts within 1 minute to enhance security	✓		Refer to 2.2
	Unused open ports deactivated	✓		Refer to 2.3
	Backup & report file display of iARM version improvement	✓		Refer to 2.4
Bug	Modem and ACU (mediator) out-of-sync concerning active antenna after ADS system reboot.	✓		Refer to 3.1

Table 3 Firmware Package Download Link

Product	File name	Version
GX-NX BDT	iARM-nx-v2.05.006-202402011050	iARM V2.05.006

Note. iARM firmware is common for all GX-NX Series BDT (GX-NX and GX-NX 2).

Details

1 New function

1.1 The BUC/XCVR configuration can be selected in AptusNX in order to match with the system.

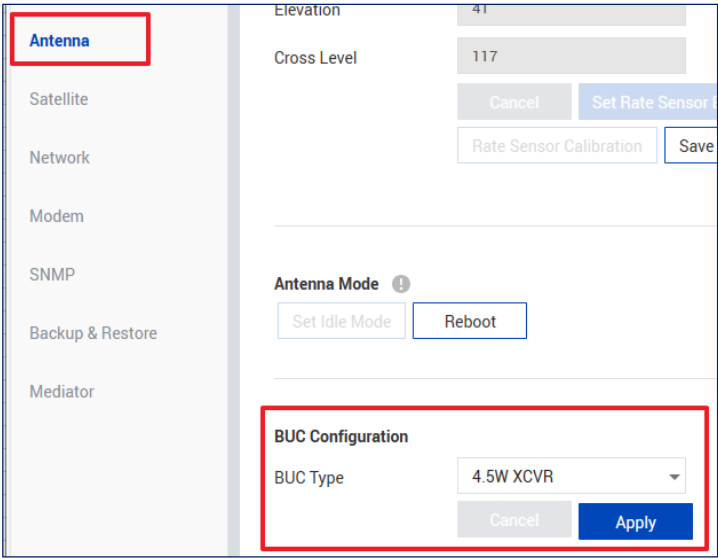


Image 1. BUC/XCVR configuration

2 Improvements

2.1 Account password need to use all four combination

- Capital letter
- Small letter
- Number
- Special character

2.2 Warning message following 10 failed login attempts within 1 minute has been updated.

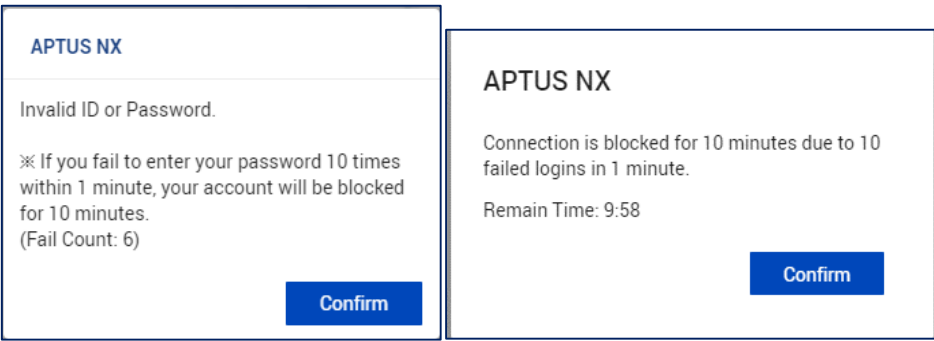


Image 2. Log in warning pop-up

2.3 Unused open ports deactivated

Before Change	After Change
Port 21 (TCP)	Port 21 (TCP)
Port 22 (TCP)	Port 22 (TCP)
Port 443 (TCP)	Port 443 (TCP)

Port 4002 (TCP)	Port 4002 (TCP)
Port 4003 (TCP)	Port 4003 (TCP)
Port 4010 (TCP)	Port 4010 (TCP)
Port 4011 (TCP)	
Port 28466 (TCP)	

Image 3. Port changes before & after

2.4 Backup & report file display of iARM version has been updated to show all digits

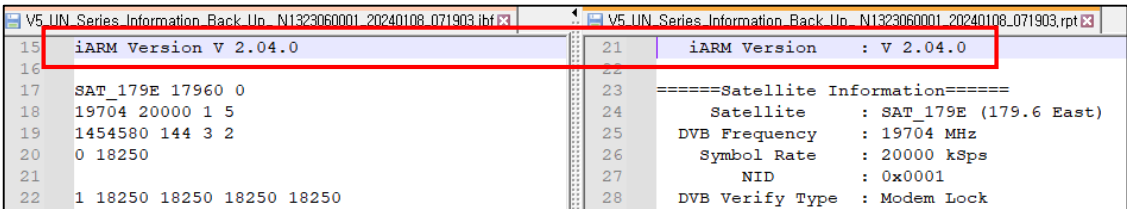


Image 4. Back up & report file before & after

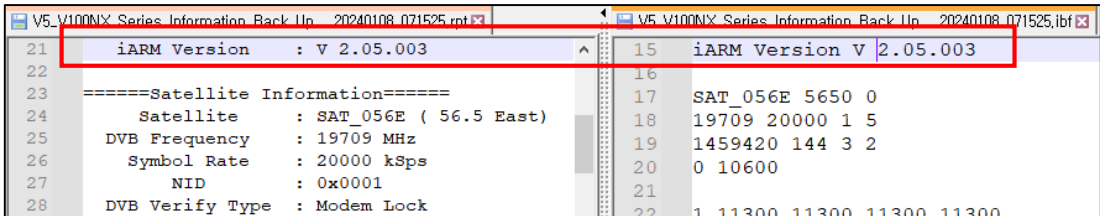


Image 5. Back up & report file after

3 Bug

- 3.1 Bug fix for the problem of the modem and ACU (mediator functionality) both being out-of-sync concerning the status of active antenna system, following a system reboot.

4 Table 4 Know issue

Category	Contents
Upgrade fail	Despite a successful upgrade, a pop-up incorrectly indicates failure. The symptom is highly unlikely to be shown and rare to reproduce for investigation.

Contact Information

Please contact your local Technical Support team or Product Management team if you have any questions or require any additional information.

Thank you.

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