



Product Bulletin

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Reference: PB-25002-A

MDS TransNEXT

Hardware Update and Order String Changes

Overview

GE Vernova has updated the MDS TransNEXT products including both hardware and firmware revisions, with changeover in the factory planned for April 25th. To reflect this change, TransNEXT order codes (part numbers) have also been modified. Orders received after April 11th, 2025, must use these updated order codes.

Background

On the recommendation of our supplier, GE Vernova has updated the System on a Chip (SoC) used on the MDS TransNEXT products to a newer SoC in the same family.

Order Codes

To differentiate between MDS TransNEXT built before and after this update, there will be a change to available product order codes. The required changes are summarized below:

Model	Prior Order Code (x = don't care)	New Order Code (y = same as x)	Description
L	NXTNET9LxxxxxxxxNNxNN	NXTNET9LyyyyyyyyLTyNN	Single RF – TransNET Mode Only
B	NA - new Model	NXTNET9ByyyyyyyyBRyNN	Single RF - Bridge Mode Ready
S	NXTNET9SxxxxxxxxNNxNN	NXTNET9SyyyyyyyyBRyNN	Dual RF - Bridge Mode Ready

Firmware

TransNEXT firmware 2.2.4 or later supports hardware built with the new SoC (new order codes). This firmware cannot be loaded or executed on hardware built with the original SoC. For TransNEXT built with the original SoC, GE Vernova will continue to support version 1.x firmware (currently version 1.1.16). New development will be targeted for the new SoC and will not be available in the version 1.x firmware. This includes the optional Bridge Mode Feature Set currently in development.

Firmware Branch	Currently Shipping
1.x (anything before 2.0.0)	1.1.16
2.x+ (anything 2.0.0 or higher)	2.2.4

Details

TransNEXT order codes are strings representing product configuration. The TransNEXT is configured using a 21-character configuration string that includes a “Model” field in character #8 and an “Authorized Feature Set” field in characters #17-18.

Model (pos 8)	Auth Feature Set (pos 17-18)	Operating Modes	Firmware
L (single RF)	NN - None	TransNET mode only	1.x
L (single RF)	LT - Lite	TransNET mode only	2.x+
B (single RF)	BR – Bridge Mode Ready	TransNET mode or Bridge mode (future)	2.x+
S (dual RF)	NN - None	TransNET mode only	1.x
S (dual RF)	BR – Bridge Mode Ready	TransNET mode or Bridge mode (future)	2.x+

The configuration string is equivalent to the order code and can also be read from the TransNEXT user interface. TransNEXT built with the original SoC will have “Auth Feature Set” (position 17-18) set to NN (None) and will continue to operate using version 1.x firmware. All other cases will use version 2.x or later firmware.

Authorized Feature Sets

- | | |
|------------------------|---|
| NN - None | <ul style="list-style-type: none"> • Included with all models built with original SoC. • Requires version 1.x firmware (currently 1.1.16). • TransNET Mode (TransNET compatible operation). • Feature Set upgrades will not be available. |
| LT - Lite | <ul style="list-style-type: none"> • Included with Model L built with new SoC. • Uses version 2.x or later firmware. • TransNET Mode (TransNET compatible operation). • Feature Set upgrades available pending future development. |
| BR – Bridge Mode Ready | <ul style="list-style-type: none"> • Included with Models B and S built with new SoC. • Uses version 2.x or later firmware. • TransNET Mode (TransNET compatible operation). • Future Bridge Mode operation pre-authorized pending availability in a future firmware release. • Additional Feature Set upgrades possible pending future development. |

Impact

Orders received after April 11th, 2025, must use the updated order codes as indicated above. Cutover in the factory is planned for April 25th. Orders in backlog after the cutover must either be re-submitted using updated part numbers, or with customer approval may be built with the original SoC using a deviation process.

For Further Assistance

For questions or further product support, please contact the GE support team using:

Region	E-mail	Telephone
Global Contact Center	GA.support@gevenova.com	+44 1785 250070
Central, East Asia, Pacific	GA.supportCEAP@gevenova.com	+65 6749 0777
India	GA.supportIND@gevenova.com	+91 44 2264 8000
Middle East, North Africa, Turkey	GA.supportMENAT@gevenova.com	+971 4 375 6950
Europe, Russia, CIS, Sub-Saharan Africa	GA.supportERCIS@gevenova.com	+34 94 485 8854
North America	GA.supportNAM@gevenova.com	+1 877 605 6777
Latin America	GA.supportLAM@gevenova.com	+55 48 2108 0300