



GE MDS

**PRODUCT RELEASE NOTES**

**V1.0.5**

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RELEASE NOTE For: MDS TransNEXT Firmware Version 1.0.5

RELEASE DATE: December 20, 2023

**FIRMWARE**

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## **MDS™ TransNEXT**

### **COVERING FIRMWARE – REV 1.0.5**

#### **Overview**

This is the initial revision of release notes for Software/Firmware updates for the MDS TransNEXT platform. This platform provides a means of upgrading existing TransNET networks while maintaining interoperability with them. For more information, please consult Publication **05-7280A01\_RevA\_TransNEXT\_Manual**.

Products: MDS TransNEXT

Firmware Version: 1.0.5

#### **New Features (compared to TransNET)**

1. Serial or IP Payload data handling.
2. Multiple UIs (Serial CLI, SSH, Web)
3. USB Console and data port
4. Event log (Web or CLI)
5. E-Ink display (in equipped devices)
6. Firmware upgrade via USB, Serial, HTTP, or Over-the-Air (OTA)
7. Role-based login

## Known Issues/Errata

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1. Systems may report a spurious detection of bad VSWR. This is transient and self-clearing. VSWR alarms in the log can be ignored unless they are persistent. This effect is more prevalent on master radios. [873]
2. When com1 is configured for RS485 mode, do not use a baud setting of 300 bps. [863]
3. When com1 is configured for RS485 mode, do not use the "+++" operation for local CLI mode. [855]
4. The WebUI incorrectly displays negative temperatures as large positive numbers. Query using the CLI to see the correct temperature. [847]
5. When using "setup" mode, make sure to issue the "dkey" command prior to quitting. Failure to do so will leave the radio in a non-functional state until rebooted. [829]
6. For NMS operation in SAF systems, passive DLINK messages are sometimes not received correctly from a TransNEXT mode X unit transmitting upstream to a TransNET master. In these cases we recommend replacing the TransNET master with a TransNEXT device. [813]
7. For systems using the IP Payload feature, fragmentation of received over-the-air packets may occur. Adjust the radio.rxd configuration setting to a higher value to mitigate this effect. [700]
8. For units equipped with a display, changes to display configuration for display.enabled and display.invert require a reboot before taking effect. [514]
9. Note that when using the Web interface, a web refresh will log the unit out. Login again to proceed. [443]