GE MDS *PRODUCT RELEASE NOTE*

RELEASE NOTE: TD220MAX Firmware Version 1.2.28
RELEASE DATE: December 8, 2021

FIRMWARE

MDS TD220MAX FIRMWARE – VERSION 1.2.28

Overview

This section describes Software/Firmware updates for the MDS TD220MAX product.

Product: MDS TD220MAX

Version: 1.2.28

Release Date: 08-DEC-2021

Package Element	Version
Bootloader	0.0.2
Kernel	0.0.5
RootFS	1.2.28* CM ACSES 4.15.0*
MCU	1.1.3
DSP	1.1.5

* = updated

Important Notes:

- **This release note lists changes since the most recent production release, 1.2.26.**
- **Release file TDM-krmd-1_2_28.mpk SHA256 sum:**
  7cce2472819c79e9e11512fc296d364515e332b5e5d65056d6f7f0f4e4172cc4

New Features

1. Integrate Wabtec ACSES CM release 4.15.0 for use when authorized.

Changes to Existing Features

1. Authcode login account removed. The Maintenance, Authorization Codes menu or integrator AUTH command may be used instead.
2. Prevent menu blink due to PTP status updates. The Clock Source Status menu continues to update on any change. This parallels changes for GPS status updates added in release 1.2.16.

Defect Fixes

1. Resolve CM Process Status omissions related to changes in CM 4.15.0.
2. Prevent 'Invalid Command' after exiting integrator TOP screen.
3. Prevent showing 'File Loading...' for Configuration Scripts, Send File status when the transfer starts or completes.

Known Errata

1. None

Operational Notes and Limitations

1. Compatibility with TD220, TD220PLUS, TD220X

    - This firmware is for use on TD220MAX units only.

    - TD220MAX is not over-the-air compatible with TD220 or TD220PLUS products.

    - TD220MAX releases 1.2.5 and above are over-the-air compatible with TD220X releases 2.0.16 and higher.

2. After upgrading, the Starting Information screen may show Device Status "Initializing" for up to five minutes.

3. The ethernet port operates in 10Mb half-duplex mode.