

TMX-2050 Display 3.5.0 3.5.1 Release Notes

Rev 3 - November 2015

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VERSION COMPATIBILITY

Minimum version requirements:

	Version
Autopilot	
NavController	12.01
EZ Pilot	
IMD-600	1.01
SAM-200	1.04
EZ Steer	
SCM T2	4.01.00
Modem	
DCM-300	7.4.2
Field IQ	
Master Switch Box	3.06
12 Section Switch Box	3.06
Section Only Module	3.05
Rate and Section Module	3.17 or 3.20
Rate and Section Module (Planting)	3.20
Signal Input Module	3.05
Seed Monitor Module	2.06
Yield Monitoring	
Yield Monitoring Module	1.18
Moisture Sensor Module	1.14

WHAT IS NEW IN THIS VERSION?

System level HotFix revision

Version 3.5.1.3

A system level issue was discovered that effect the manufacturing process of TMX-2050 displays; issue has been resolved by this build. The issue effected manufacturing configuration operations, and had no visible effect on field displays. The issue required revising the firmware Version 3.5.0.280 to resolve a manufacturing configuration issues.

Note: All features and fixes listed below now apply to this version number 3.5.1.3; the previous build v3.5.0.280 has been removed from Dealer support.

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System features

Version ~~3.5.0.280~~ 3.5.1.3

- New features
 - Addition of Multi-Tier Pricing through added Feature Licensing
 - In order to meet the marketing needs of the TMX-2050 additional feature unlocks were created to provide market customization.
Note: See relevant Trimble Store's for new part numbers and license bundles.
 - TeamViewer™ QuickSupport App
 - Allows remote viewing for technical support between reseller technicians and machine operators.
Note: See Trimble Support Bulletin "Trimble TMX-2050 Display: TeamViewer QuickSupport App to Enable Remote Support" for more information.
 - ISOBUS: Virtual Terminal app
 - Allows a Virtual Terminal window to be opened from the Launcher View without opening FmX plus or Precision-IQ apps.
Note: For users who are using the FmX plus app it is not recommended to use this ISOBUS: VT app due to setting conflicts that will occur. Use the VT window within FmX plus
 - Feature Licenses are no longer "Blacklisted" at factory reset
 - Applied Licenses should be kept on file for assigned Displays; Licenses bought from the store and assigned to displays running v3.0.0 or higher no longer have a "blacklist" behavior after a factory reset. Codes may be reused and applied as a QR code or in a USB firmware License file after a factory reset has been completed.

FmX Plus app

Version 3.5.16

- New features (See FmX plus User Guide v3.5 Revision A for more feature details)
 - Next Swath improvements:
 - "Turn within boundaries" settings are now present for completing turns within defined boundaries. NavController v12.01 is required
Note: See Trimble NavController v12.01 Product Bulletin for more detail.
 - Multiple In-field guidance patterns available for Headlands pattern:
 - After defining a Headland guidance pattern with an Infield guidance line for a field; the user may now use other established guidance lines within the infield boundary by using the "Next" button to access other patterns while maintaining an active infield boundary.

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- Trimble Equipment Database introduced:
 - AutoPilot Vehicle Database (VDB) now has an additional entry method when setting up and configuring a vehicle. The Trimble Equipment Database is a menu driven process to help installers select the best VDB for their vehicle
- Remote Output Refactored:
 - The feature of Remote Output has been refactored to allow users greater flexibility in applying the functionality to custom field applications. New work modes and new operational parameters and constraints can be applied
- Problems Addressed
 - Application Control:
 - Refined settings for Seeders and Drills using Sections
 - ISOBUS: VT and TC now has an improved communication and setup with supported ISO ECU's
 - Improved user notification scheme for features that require an EXP100 to be used in the "Add/Remove" plug-in UI of the setup
 - Guidance and GNSS:
 - Ag 815 450 mhz radio connectivity issues between the TM-200 and the Ag815 radio have been resolved
 - System Level:
 - System stability and Data handling protocols have been updated
 - WM-Drain:
 - Sections Line Color for Sections has been refined for better visibility in the Guidance Screen

Precision IQ app

Version ~~3.5.0.280~~ 3.5.1.3

- New features
 - Trimble TUVS Serial Rate now supported:
 - Serial rate controllers that communicate using TUVS protocol, and that were previously supported by FmX plus app, are now supported for use in the Precision-IQ app
 - An EXP100 is required for setup and configuration of any Serial Rate Controller

Note: See Trimble Precision-IQ User Guide v3.5 for more details.
 - Added Section Support for ECUs:
 - Precision-IQ now supports up to 256 sections on supported Implement ECU Controllers

Note: Precision-IQ and the FmX plus ISO: Task Control feature still only supports single product setups.

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- Virtual Rate Control Widget:
 - After adding a Prescriptions License and loading a prescription map the user now has access to a Virtual Rate control widget that allows the user through the use of the UI controls to increase and decrease their applied rates to match the prescription recommendation without a physical connection to a VR controller.

Note: Feature is available without a Prescription unlock to manually monitor sections and rates as well. See Trimble Precision-IQ User Guide v3.5 for more details
- ISO Auxiliary Controllers now supported:
 - ISOBUS: Virtual Terminal now supports ISOBUS auxiliary protocols for “joystick” controllers. ISO Aux devices now can be configured using the provided UI within ISOBUS: VT windows

Note: See Trimble Precision-IQ User Guide v3.5 for more details.
- Problems Addressed
 - Application Control:
 - Refined UI for ISO Task Controller and TUVR Serial Rate controller implement setup through the use of the configuration and setup
 - ISOBUS: VT and TC now has an improved communication and setup with supported ISO ECU’s
 - “Granular” material has been expanded to include Granular Seed, as well as, Granular Fertilizer for application control
 - Guidance and GNSS:
 - Ag 815 450 mhz radio connectivity issues between the TM-200 and the Ag815 radio have been resolved
 - Omnistar status has been made more consistent between FmX plus app and this version of Precision-IQ app
 - System Level:
 - System stability and Data handling protocols have been updated
- Features No longer Supported
 - Trimble Field-IQ Application Control and Boom-Height unsupported:
 - Trimble’s Field-IQ support and functionality has been removed from this version of Precision-IQ. To continue using the functionality the user must update their systems to TMX-2050 v3.0.1 (available on Partners).
 - Trimble’s Boom-Height support and functionality has been removed from this version of Precision-IQ. To continue using the functionality the user must update their systems to TMX-2050 v3.0.1 (available on Partners).
 - Implements that were configured using these features will be still present if User upgrades beyond TMX-2050 v3.0.1, but the user will not be able to load those implements. All data within the system will be retained.