

GreenStar™ Software Update 2017-1

Release Notes

Important Notes:

- It is recommended to back up GreenStar™ 2 1800 Display and GreenStar™ 3 2630 Display data, prior to updating any Software, as a precaution to protect your information.
- It is suggested to erase all data from your GreenStar™ 3 2630 Display before loading new Setup Data, in an effort to remove unnecessary and potentially corrupt files that may hinder display performance.
- Software activations are non-transferrable in the event of lost, stolen, or destroyed equipment. It is recommended to insure a GreenStar™ Display at full value, including software activations.
- To ensure complete and proper functionality, the most current version of GreenStar™ Display software and Apex™, or preferred partner, desktop software should be used.

Global Support Center Information:

Web: www.StellarSupport.com
E-mail: GreenStar@JohnDeere.com

Contact information for all supported countries can be found at StellarSupport™ under the "[Contact Us](#)" section.

Release Notice

These are the software update release notes for the GreenStar™ Displays and related products. Apex™ Farm Management software release notes can be found on www.StellarSupport.com. Note: Your use of the software is governed by the End User License Agreement, included in the software bundle.

Copyright © 1996-2017 Deere & Company. ALL Worldwide Rights Reserved. THIS MATERIAL IS THE PROPERTY OF DEERE & COMPANY. ALL USE, ALTERATIONS AND/OR REPRODUCTION NOT SPECIFICALLY AUTHORIZED BY DEERE & COMPANY IS PROHIBITED.

GreenStar™ Software Update 2017-1

Release Notes

GreenStar™ 3 2630 Display:

GS3 2630 software compatibility notes:

- For John Deere Machine Sync functionality, GreenStar™ 3 (GS3) 2630 Displays must operate with matching software versions. (17-1 recommended).
- For John Deere Machine Sync – coverage map sharing, shared coverage maps will not persist after updating displays from SU15-2 to any newer version. Perform software update at the conclusion of field operations to ensure no coverage maps are lost.
- Coverage maps will not persist if GS3 2630 Display software is backdated from 17-1 to SU15-2 or older software version.
- ISOBUS AEF Certification functionality is only approved for 30 Series and newer tractors.
- ISOBUS AEF Certification functionality will disable the use of the virtual Original GreenStar™ Monitor mode within the GS3 2630 Display and controllers that are designed for use with the Original GreenStar™ Monitor mode.
- Generation 4 CommandCenter™ setup profiles will not directly import into the GS3 2630 Display. In order to import Gen4 CommandCenter™ profiles, first export data from the GS3 2630 Display with the profile name “JD4600”. Next, using the same USB, export all data from the Gen4 CommandCenter™. All data will be merged into the JD4600 profile and then can be imported into the GS3 2630 Display.
- Software Version (17-1) is backwards compatible on all previous GreenStar™ 3 2630 Display hardware revisions. GS3 2630 Display software (15-2 and earlier) is not compatible with new GS3 2630 Display hardware revision H and later. Hardware revision letter is found in the 7th digit of display’s serial number.
- Software Version (17-1) is backwards compatible on all previous GreenStar™ 3 2630 Display hardware revisions; however, previous GS3 2630 Display software (16-1 and earlier) is not compatible with new GS3 2630 Display hardware revision J and later. Hardware revision letter is found in the 7th digit of the display’s serial number.

New Features

Documentation and Section Control – When an Air Cart is being documented by a GS3 2630 Display, the seeding operation will be the only operation painted on the coverage map. In all other applications, multiple operations can paint the coverage map at the same time.

Data Cleanup - ISO File Server is now available in data cleanup

Hagie Models – Hagie Models including: STS10, STS12, STS14, STS16 and DTS10 are now supported with populated machine offsets showing a front mounted boom on the display.

Section Control – SeedStar™ 3 minimum turn on/off times have been changed to 0.1 seconds

GreenStar™ Software Update 2017-1

Release Notes

Resolved/Informational Items

Advanced AutoTrac™ Settings - When using Reichardt® advanced AutoTrac™ settings, the increase and decrease buttons will max out at 255 instead of 200 when pressed several times.

Guidance Line Import – When utilizing third-party systems to create guidance lines, lines would only show up when importing entire profile.

Documentation - Display intermittently freezes when recording.

Wireless Data Transfer - Wireless Data Transfer tab does not show up and information wasn't sent to John Deere Operations Center.

Prescription Map Converter - Shapefiles have large gaps near boundaries.

Prescription Map Alarm - Full page alarm for out of boundary rate being applied cannot be disabled.

Diagnostic Readings - One of the GPS readings pages does not have menu softkeys to select.

Implement Width - Slurry Applicator only shows 1 section instead of 6. – Region 2 Only.

AutoTrac™ Setup - Display locks up when using either the basic or advanced AutoTrac™ setup.

Section Control - Section Control turns on when implement partially crosses over a boundary with settings set to minimize skip.

Client Farm Field - Data shows "<Custom>" in Apex™ even though the data is correct.

Import Data - Display locks up when processing data from Apex™.

AB Curves – Radial shift creates false guidance lines.

Documentation - Harvest field totals show zero after exported.

ISOBUS Weight System - System is not detected correctly and shows up as "Other" – Region 2 Only

Guidance Turn Predictor - Count down to the next turn does not function when an exterior headland is present.

GreenStar™ 2 1800 Display

GS2 1800 Display compatibility notes:

Software Version 2.14.1036 is backwards compatible on all previous GreenStar™ (GS2) 1800 Display hardware revisions; however, previous GS2 1800 Display software (15-1 and earlier) is not compatible with new GS2 1800 Displays hardware revision E and later. Revision E GS2 1800 Displays are produced after August, 2015. Hardware revision letter is found in the 7th digit of the display's serial number

New Features:

Hagie Models – Hagie Models including: STS10, STS12, STS14, STS16 and DTS10 are now supported.

Resolved/Informational Items:

Cotton Pickers – Various cotton images did not show up correctly on the display.

CAN – GS2 1800 display not showing controllers or communicating on the CAN.

StarFire™ 6000 Receiver: Receiver

New Features:

***Region 4 (US & Canada Only) and Region 2 Only** – John Deere Mobile RTK Signal. StarFire™ 6000 support and functionality for John Deere Mobile RTK Signal utilizing a Modular Telematics Gateway (MTG) with active JDLink™ subscription (Region 4 and Region 2) or John Deere Mobile RTK Modem (Region 2).

***Region 3 (Brazil and Argentina) Only** – Flexible RTK and S4 Scintillation Indicator. These features assist RTK customers in managing and minimizing the impact of scintillation. The S4 Scintillation Indicator allows a StarFire™ 6000 RTK rover to receive and display an S4 Scintillation level from a StarFire™ 3000 RTK base station. Flexible RTK allows customers to strategically and proactively identify times in which scintillation occurs and change guidance signal from RTK to RTK-X prior to degradation. Changing Diagnostic Address 76 to a 1 enables flexible RTK.

***Region (China) 1 Only** – John Deere RTK Radio 900 – The StarFire™ 6000 Receiver now fully supports this configuration for China.

GreenStar™ Software Update 2017-1

Release Notes

Shared Signal Between StarFire™ 3000 (Leader) and StarFire™ 6000 (Follower) –This configuration is now supported. **Note: SF2 Fallback is not a supported mode for this configuration and the “Use SF2 if RTK Signal Lost” check box should be unselected by the operator if using RTK or mRTK.*

Resolved/Informational Items:

RTK Extend – RTK correction mode will now continue to have RTK-X for up to 14 days if the criteria in the RTK-X Diagnostics pages is met.

Serial Output – NMEA messaging to third party displays will now continuously send the correct GPS position.

SF1 Line Drift – Guidance lines will no longer move back and forth when sitting still while using SF1.

StarFire™ 3000 Receiver: Receiver

Resolved/Informational Items:

Incorrect Signal Type – DTC 2850.5 text has been corrected and will no longer pop up when a receiver is moved to a new machine.

TCM Temperature Out of Range – DTC 523348.16 will no longer pop up a notification to the user on the display.

GreenStar™ Software Update 2017-1

Release Notes

Software Versions – Bold items have changed from previous releases and are included in the software bundle. Please utilize the John Deere Custom Performance website to view and/or update controllers not included with this software bundle.

<u>Version #</u>	<u>Description</u>
3.34.1345	GreenStar™ 2630 Display
2.8.1033	GreenStar™ 2600 Display
2.15.1096	GreenStar™ 1800 Display
GSD 1.97 B	Original GreenStar™ Display
GR6 3.60A	StarFire™ 6000 Receiver
ITC 2.31 B	StarFire™ 3000 Receiver
ITC 3.73 H	StarFire™ iTC Receiver
LCR 1.10 C	StarFire™ 300 Receiver
SF 7.70 B	StarFire™ Gen II Receiver
03B10	John Deere Mobile RTK Modem – R2 only
1.10A	Machine Communication Radio
TCM 1.09 A	TCM
2.71 T	Application Controller 1100 (iGrade™, John Deere Active Implement Guidance)
1.51 F	Application Controller 1120 (John Deere Mobile Weather, John Deere Harvest Identification, Cotton)
ATU 1.13 A	AutoTrac™ Universal (ATU) 100
ATU 2.30 A	AutoTrac™ Universal (ATU) 200
RG2 2.04 B	AutoTrac™ RowSense™ – Universal
CAT 1.11 B	AutoTrac™ Controller (Deere)
GRC 3.50 A	GreenStar™ Rate Controller
GDC 2.20 A	GreenStar™ Rate Controller Dry
VGC 2.20B	AutoTrac™ Vision Guidance Camera
HMCT 1.20 A	Harvest Monitor™ Cotton SCM
CMFS 2.07C	Cotton Mass Flow Sensor CMFS
SMON 1.73 A	Original Harvest Monitor™ SPFH
HMON 1.20 C	Harvest Monitor™ Combine with In-Tank Moisture
MST 7.01 B	Harvest Monitor™ Elevator Mount Moisture Board
AC2 .11	Original Air Cart
SMVR 1.01M	SeedStar™ Gen II