

G5 and Generation 4 compatibility chart

This document lists all the compatible equipment approved with the software included in the 24-1 release and is subject to change with newer software updates. To ensure complete and proper compatibility, the most current version of implement control unit software, G5 or Generation 4 display software, or compatible farm management information software (FMIS) should be used. Non-current software versions will require an update before support can be provided. Unapproved software version configurations will not be supported.

The software update 24-1 release is not compatible with 4600 CommandCenter™ v1 processors. Software update 17-2 is the last release that was compatible with 4600 v1 processors.

Server serial numbers are as follows:

- v1 = RWG prefix
- v2 = PCG prefix

Machine compatibility

John Deere Large Ag Tractors

John Deere Large Ag Tractors (list of all automatically detected machines)	Model year	CommandCenter				Universal Display				
		4600 v2	4200	G5	G5 ^{Plus}	4640	4240	G5	G5 ^{Plus}	
9R/9RT/9RX Series	2024 and newer	X	---	---	X	X	X	X	X	Feedback +
9R/9RT/9RX Series	2018-2021	X	---	---	---	X	X	X	X	
9R/9RT/9RX Series	2015-2017	*	---	---	---	X	X	X	X	
9R/9RT Series	2012-2014	---	---	---	---	X	X	X	X	
9030/9030T Series	2008 and newer	---	---	---	---	X	X	X	X	
9020/9020T Series	2002-2007	---	---	---	---	X	---	X	X	
9000 Series	1997-2001	---	---	---	---	X	---	X	X	
9000T Series	2000-2001	---	---	---	---	X	---	X	X	
8R/8RT/8RX Series	2024 and newer	X	---	---	X	X	X	X	X	
8R/8RT Series	2018-2020	X	---	---	---	X	X	X	X	
8R/8RT Series	Mid-2014 - 2017	*	---	---	---	X	X	X	X	
8R/8RT Series	2010-2013	---	---	---	---	X	X	X	X	
8030/8030T Series	2006 and newer	---	---	---	---	X	X	X	X	
8020/8020T Series	2002-2005	---	---	---	---	X	---	X	X	
8010/8010T Series	2000-2002	---	---	---	---	X	---	X	X	

8000 Series	1994-1999	---	---	---	---	X	---	X	X
8000T Series	1997-1999	---	---	---	---	X	---	X	X
7R Series	2024 and newer	X	X	X	X	X	X	X	X
7R Series	2018-2023	X	X	---	---	X	X	X	X
7R Series	2014-2017	*	---	---	---	X	X	X	X
7R Series	2011-2013	---	---	---	---	X	X	X	X
7J Series	2018 and newer	---	---	---	---	X	X	X	X
7M Brazil	2024 and newer	---	---	---	---	X	X	X	X
7030 Series	2007 and newer	---	---	---	---	X	X	X	X
7030 Series (Large Frame)	2007 and newer	---	---	---	---	X	X	X	X
7030 Series (Small Frame)	2006 and newer	---	---	---	---	X	X	X	X
7020 Series	2003-2007	---	---	---	---	X	X	X	X
6030 Series (Small Frame)	2006 and newer	---	---	---	---	X	X	X	X
6R Series	2024 and newer	---	---	X	X	---	---	X	X
6R Series	2018-2023	X	X	---	---	X	X	X	X
6R Series (Final Tier 4)	2015-2017	*	---	---	---	X	X	X	X
6R Series (Interim Tier 4)	2013-2015	---	---	---	---	X	X	X	X
6M Series	2013 and newer	---	---	---	---	X	X	X	X
6J Series	2018 and newer	---	---	---	---	X	X	X	X
5R Series	2019 and newer	---	---	---	---	X	X	X	X

+ Feedback

*NOTE: For latest Precision Ag functionality, update machines equipped from the factory with v1 processor to v2.

John Deere Nutrient Applicators

John Deere Nutrient Applicators	Model year	CommandCenter				Universal Display			
		4600 v2	4200	G5	G5 ^{Plus}	4640	4240	G5	G5 ^{Plus}
F4365 High-Capacity Nutrient Applicator	2017 and newer	X	---	---	---	---	---	---	---

John Deere Self-Propelled Sprayers

John Deere self-propelled sprayers	Model year	CommandCenter				Universal Display			
		4600 v2	4200	G5	G5 ^{Plus}	4640	4240	G5	G5 ^{Plus}
400 and 600 Series Sprayers/4023	2022 and newer	X	---	---	---	---	---	---	---
4 Series Sprayers	2018 - 2021	X	---	---	---	---	---	---	---
4 Series Sprayers	2013 - 2017	---	---	---	---	X**	---	---	X**
4940	2012 - 2014	---	---	---	---	X**	---	---	X**
4630	2008 and newer	---	---	---	---	X**	---	---	X**
4730	2008 and newer	---	---	---	---	X**	---	---	X**
4830	2008 - 2014	---	---	---	---	X**	---	---	X**
4930	2008 - 2013 (serial number 4000+)	---	---	---	---	X**	---	---	X**
4720, 4920	2004-2007	---	---	---	---	X**	---	---	X**
Hagie™ sprayers	2014 and newer	Compatible with GreenStar™ 3 2630 Displays and 4640 Universal Displays*							

*NOTE: When using the 4640 Universal Display on a Hagie Sprayer, additional mounting and harnessing may be required.

- 4640 RAM™ mount - SJ34503
- 4640 power/video harness - BPF11527 (1-3 video plus machine power), PF90687 (machine power only)

NOTE: Current John Deere/Hagie field kits only offer GreenStar 3 2630 Display parts.

NOTE: Multi-rank section control are not supported on Hagie at this time.

NOTE: VIN detection on Hagie Sprayers is only supported on model year 2019 and newer machines.

NOTE: 22-2 and newer software allows the Gen 4 4640 Universal Display to control the Hagie/Montag Fortifier configuration.

**NOTE: The 4640 Universal Display will replace the GreenStar 3 2630 Display on the armrest. Dual display with the GreenStar 3 2630 Display is not supported with sprayers. The 4640 Universal Display does not use the external display navigation buttons located on the armrest, so these buttons are disabled in this configuration.

John Deere Self-Propelled Forage Harvesters (SPFH)

John Deere SPFH	Model year	CommandCenter				Universal Display			
		4600 v2	4200	G5	G5 ^{Plus}	4640	4240	G5	G5 ^{Plus}
9000 Series SPFH	2019 and newer	---	---	---	---	X	---	---	X
8000 Series SPFH	2015 and newer	---	---	---	---	X	---	---	X

NOTE: When adding the 4640 Universal Display to a John Deere SPFH, it will only be compatible as a precision ag display and

is installed on the side rail.

John Deere Combines

John Deere Combines	Model year	CommandCenter				Universal Display			
		4600 v2	4200	G5	G5 ^{Plus}	4640	4240	G5	G5 ^{Plus}
X9 Series	2024 and newer	---	---	---	X	---	---	---	---
X9 Series	2021-2023	X	---	---	---	---	---	---	---
S700 Series	2024 and newer	---	---	---	X	---	---	---	---
S700 Series	2018-2023	X	---	---	---	---	---	---	---
S430 and S440	2024 and newer	---	---	X	---	---	---	---	---
S430 and S440	2017-2023	X	---	---	---	---	---	---	---
S600 Series	2012 - 2017	---	---	---	---	X*	X*	X*	X*
S540 and S550 Series	2024 and newer	---	---	---	---	---	---	---	X*
S540 and S550 Series	2012-2023	---	---	---	---	X*	X*	X*	X*
T-Series	2012 and current	---	---	---	---	X*	X*	X*	X*
70 Series	2008 - 2013	---	---	---	---	X*	X*	X*	X*
60 Series	2004 - 2007	---	---	---	---	X*	---	---	X*
50 Series	2000 - 2003	---	---	---	---	X*	---	---	X*

Feedback +

NOTE: Competitive equipment may be compatible with 4640 Universal Display and 4240 Universal Display.

*NOTE: When adding the 4640 Universal Display to a John Deere combine, it will only be compatible as a cornerpost precision ag display.

NOTE: RowSense™ sensor voltage readings and sensor offsets are displayed on Original GreenStar Monitor emulator on 50, 60, and 70 Series Combines.

John Deere Cotton Harvesters

John Deere Cotton Harvesters	Model year	CommandCenter				Universal Display			
		4600 v2	4200	G5	G5 ^{Plus}	4640	4240	G5	G5 ^{Plus}
CP770	2024 and newer	---	---	---	X	---	---	---	---
CP770	2022-2023	X	---	---	---	---	---	---	---

CS770	2024 and newer	---	---	---	X	---	---	---	---
CS770	2022-2023	X	---	---	---	---	---	---	---
CP690	2015 and newer	---	---	---	---	X	---	---	X
CS690	2015 and newer	---	---	---	---	X	---	---	X

NOTE: Update cab controller software to the latest version on model year 2017 and newer cotton harvesters to use Harvest Identification, Cotton Pro.

NOTE: When adding the 4640 Universal Display to a John Deere Cotton Harvester, it will only be compatible as a cornerpost precision ag display.

John Deere Self-Propelled Windrowers

John Deere Self-Propelled Windrowers	Model year	CommandCenter				Universal Display			
		4600 v2	4200	G5	G5 ^{Plus}	4640	4240	G5	G5 ^{Plus}
W235	2014 and newer	---	---	---	---	X	X	X	X
W260	2015 and newer	---	---	---	---	X	X	X	X
W110 to W170*				---	---	X	X	X	X

NOTE: When adding the 4640 Universal Display to a John Deere self-propelled windrower, it will only be compatible as a cornerpost precision ag display.

**NOTE: For 22-2, a virtual windrower option is available to support W110 to W170 Self-Propelled Windrowers. VIN detection is not available on these machines.*

NOTE: 24-1 Gen OS Software introduces AutoPath compatibility to the following windrower models: W235 and W260 MY14 and newer machines. model year 2022 and newer machines.

+ Feedback

Equipment compatibility

John Deere planters

SeedStar™ 4HP planters are only compatible with 4600 CommandCenter displays with a version 2 (v2) processor and 4640 Universal Displays. Displays should be running the most current version of tractor applications to be compatible with SeedStar 4HP planter applications. Additionally, dual-display mode is available for use with SeedStar 4HP planter applications, along with Generation 4 Extended Monitor. SeedStar 4HP planters are compatible with no more than two GreenStar Rate Controllers.

The SeedStar 2 configuration below is available only on factory-installed model year 2011 and newer planters and may be field-installed on model year 2009 and 2010 planters. Green PM/PA controllers (factory-installed on model year 2009 and 2010 planters) are not supported with a Generation 4 display.

Service ADVISOR™ is needed to update SeedStar 2, SeedStar XP, and SeedStar 3 HP software. Documentation is not supported when using a rate controller to control row clutches on a John Deere planter.

John Deere planters	Control unit name	Software version (or newer)	CommandCenter				Universal Display			
			4600 v2	4200	G5	G5 ^{Plus}	4640	4240*	G5	G5 ^{Plus}
SeedStar 2	Black PM1	22.0	X	X	X	X	X	X	X	X
	Black PA1, (if available PA 2)	22.0	X	X	X	X	X	X	X	X
	Green PM1	10.11	---	---	---	---	---	---	---	---
	Green PA1 (if available PA 2)	10.11	---	---	---	---	---	---	---	---
SeedStar XP	Black PM1	22.0	X	X	X	X	X	X	X	X
	Black PA1, (if available PA 2)	22.0	X	X	X	X	X	X	X	X
	PM2	7.0	X	X	X	X	X	X	X	X
SeedStar 3 HP	Planter Main A (PCMA)	6.0	X	X	X	X	X	X	X	X
	Planter Main B (PCMB or MMC)	8.0	X	X	X	X	X	X	X	X
	Row-unit Controller (RUC)	2.0	X	X	X	X	X	X	X	X Feedback
	EPG	3.0	X	X	X	X	X	X	X	X
SeedStar 4HP	Planter Apps	10.4.332-12	X	---	X	X	X	---	X	X +
	Planter Main A (PMCA)	6.0	X	---	X	X	X	---	X	X
	Planter Main B (PMCB or MMC)	10.0	X	---	X	X	X	---	X	X
	Row-unit Controller (RUC)	4.0	X	---	X	X	X	---	X	X
	Electrical Power Generation (EPG)	5.0	X	---	X	X	X	---	X	X
	Electrical Power Module, 2 (PC2)	4.0	X	---	X	X	X	---	X	X

ExactRate™ liquid fertilizer system	Master Nozzle Control Unit (MNC)	2.0	X	---	X	X	X	---	X	X
	Spray Rate Control Unit (SRC)	2.0	X	---	X	X	X	---	X	X
	Liquid Blockage Controller (LBC)	2.0	X	---	X	X	X	---	X	X
	Nozzle Control Unit (NZC)	6.04	X	---		X	X	---	X	X
	ExactRate app	10.1.269-64	X	---		X	X	---	X	X

**NOTE: For implements requiring ground speed input (radar), utilizing a 4240 Universal Display may require an additional 4240 radar speed kit.*

John Deere Air Seeders

The C650 and C850 Air Carts and N500C Seeder are not supported with a GreenStar 3 2630 Display. Additionally, tow-behind C850 Air Carts are compatible with AutoTrac™ Implement Guidance (passive) with software update 18-2 and newer.

John Deere Air Seeder	Model year/control unit name	Software version (or newer)	CommandCenter				Universal Display			
			4600 v2	4200	G5	G5 ^{Plus}	4640	4240*	G5	G5 ^{Plus} + feedback
C650/850 Air Cart	Cart Master Controller (CMC)	3.0	X	X	X	X	X	X	X	X
	Mini Tank Controller (TCX)	2.0	X	X	X	X	X	X	X	X
	Front, Middle, Rear Tank Controller (TCU)	2.0	X	X	X	X	X	X	X	X
1870 Seeding Tool - TruSet™ system	2017 and newer (IDC)	5.0	X	X	X	X	X	X	X	X
1870 Seeding Tool - RelativeFlow™ blockage sensors	2017 and newer (BMU)	6.0	X	X	X	X	X	X	X	X
1910 Air Cart - ground drive	2009 and newer	3.0	X	X	X	X	X	X	X	X
1910 Air Cart - hydraulic drive	2013 and newer	11.0	X	X	X	X	X	X	X	X

Seeding tools with air-run blockage - primary blockage	2009 and newer (BMU)	12.0	X	X	X	X	X	X	X	X
Seeding tools with air-run blockage - air-run blockage	2009 and newer (BMU)	12.0	X	X	X	X	X	X	X	X
	Member Module	5.0	X	X	X	X	X	X	X	X
1990 Central Commodity System (CCS™)	2009 and newer (BMU)	12.0	X	X	X	X	X	X	X	X
N500C Series	Seeder apps	10.2.19-13	X	---	X	X	X	---	X	X
	SMCA or SMC	4.0	X	---	X	X	X	---	X	X
	SMCB or BMU	3.0	X	---	X	X	X	---	X	X
	EPG	3.0	X	---	X	X	X	---	X	X

*NOTE: For implements requiring ground speed input (radar), utilizing a 4240 Universal Display may require an additional 4240 radar speed kit.

John Deere Tillage

John Deere Tillage	Control unit name	Software version (or newer)	CommandCenter				Universal Display				
			4600 v2	4200	G5	G5 ^{Plus}	4640	4240	G5	G5 ^{Plus}	
AccuDepth™ cultivator	Implement Depth Control (IDC)	11	X	X	X	X	X	X	X	X	+ Feedback
2730 with TruSet	Tillage Controller 1 (TC1)	2.66K9	X	X	X	X	X	X	X		
2230 with TruSet	Tillage Controller 1 (TC1)	2.75K6	X	X	X	X	X	X	X		
2330 with TruSet	Tillage Controller 1 (TC1)	2.35K6	X	X	X	X	X	X	X		
2620/2630 with TruSet	Tillage Controller 1 (TC1)	2.95K6	X	X	X	X	X	X	X		
2720 with TruSet	Tillage Controller 1 (TC1)	2.24K6	X	X	X	X	X	X	X		
2660VT with TruSet	Tillage Controller 1 (TC1)	3.03K12	X	X	X	X	X	X	X		

2430 with TruSet	Tillage Controller 1 (TC1)	2.14K4	X	X	X	X	X	X	X	X
2510H with TruSet	Tillage Controller 1 (TC1)	2.85K5	X	X	X	X	X	X	X	X

*NOTE: For implements requiring ground speed input (radar), utilizing a 4240 Universal Display may require an additional 4240 radar speed kit.

John Deere Round Balers

John Deere Round Balers	Control unit name	Software version (or newer)	CommandCenter				Universal Display			
			4600 v2	4200	G5	G5 ^{Plus}	4640	4240	G5	G5 ^{Plus}
0 Series	Baler Automation	10.07	X	X	X	X	X	X	X	X
9 Series Premium	Baler Automation	7.16	X	X	X	X	X	X	X	X
V451R/V461R	Baler Automation	11.5	X	X	X	X	X	X	X	X

John Deere Large Square Balers

John Deere Large Square Balers Including Harvest Tec applicator and PhiBer accumulator	Control unit name	Software version (or newer)	CommandCenter				Universal Display				Feedback +
			4600 v2	4200	G5	G5 ^{Plus}	4640	4240	G5	G5 ^{Plus}	
0 Series	Gen 4 VT	3.04	X	X	X	X	X	X	X	X	X
1 Series	Gen 4 VT	5.07	X	X	X	X	X	X	X	X	X

Precision Ag Technology software compatibility

John Deere control units	Control unit name	Software version (or newer)	CommandCenter				Universal Display			
			4600 v2	4200	G5	G5 ^{Plus}	4640	4240	G5	G5 ^{Plus}
*StarFire™ 6000 Receiver	---	4.50P	X	X	X	X	X	X	X	X
StarFire 6000 Integrated Receiver	---	4.50P	X	X	X	X	X	X	X	X
StarFire 3000 Receiver	---	2.80S	X	X	X	X	X	X	X	X

*Modular Telematics Gateways (MTG) - 3G	---	21.03	X	X	X	X	X	X	X	X	X
*MTG - 4G	---	27.01.541	X	X	X	X	X	X	X	X	X
GreenStar Rate Controller	---	3.70K	X	X	X	X	X	X	X	X	X
GreenStar Rate Controller Dry	---	2.11A	X	X	X	X	X	X	X	X	X
*John Deere Rate Controller 2000	---	1.13A	X	X	X	X	X	X	X	X	X
*AutoTrac™ Universal 200	---	2.30A	---	---	---	---	X	X	X	X	X
*AutoTrac Universal 300	---	3.24L	---	---	---	---	X	X	X	X	X
AutoTrac Controller 300	---	3.24L	---	---	---	---	X	X	X	X	X
AutoTrac Controller 250	---	11933B	---	---	---	---	X	X	X	X	X
*AutoTrac Controller - Deere	---	1.11B	---	---	---	---	X	X	X	X	X
AutoTrac Controller - Raven	---	10.13.909-158	---	---	---	---	X	X	X	X	X
AutoTrac Controller - Reichhardt®	---	SW 1.3	---	---	---	---	X	X	X	X	X
AutoTrac RowSense	RG3	AKK15783H	X	---	X	X	X	---	X	X	X
AutoTrac Vision	VGC	4.01V	X	---	X	X	X	---	X	X	X
AutoPath™	---	20-3	X	---	X	X	X	---	X	X	X
AutoTrac Turn Automation	---	19-3	X	---	X	X	X	---	X	X	X
AutoTrac Implement Guidance (Passive)	---	19-3	X	---	X	X	X	---	X	X	X
Machine Sync	---	20-3	X	---	X	X	X	---	X	X	X
In-Field Data Sharing	---	20-3	X	---	X	X	X	---	X	X	X

+ Feedback

Implement Guidance (Active)	UCC2 Application Controller	2.71Z	X	X	X	X	X	X	X	X
	UCC2 Application Controller (serial number PCXL01C201000-)	3.20A	X	X	X	X	X	X	X	X
Idle Reasons	---	24-1	X	---	X	X	X	---	X	X
iGrade™	UCC2 Application Controller	2.71Z	X	X	X	X	X	X	X	X
	UCC2 Application Controller (serial number PCXL01C201000-)	3.20A	X	X	X	X	X	X	X	X
Distance Trip	UCC2 Application Controller	2.71Z	X*	X	X	X	X	X	X	X
	UCC2 Application Controller (serial number PCXL01C201000-)	3.20A	X*	X	X	X	X	X	X	X
Yield Documentation, Specialty Crop	UCC2 Application Controller	1.51Y	X	X	X	X	X	X	X	X
	UCC2 Application Controller (serial number PCXL02C201000-)	3.20A	X	X	X	X	X	X	X	X
Mobile Weather	UCC2 Application Controller	1.51Y	X	X*	X	X	X	X*	X	X
	UCC2 Application Controller (serial number PCXL02C201000-)	3.20A	X	X*	X	X	X	X*	X	X
Harvest Identification, Cotton	UCC2 Application Controller	1.51Y	---	---	---	---	X	---	X	X
	UCC2 Application Controller (serial number PCXL02C201000-)	3.20A	---	---	---	---	X	---	X	X
Earthmoving Productivity System	UCC2 Application Controller	1.51Y	---	---	---	---	X	---	X	X
	UCC2 Application Controller (serial number PCXL02C201000-)	3.20A	---	---	---	---	X	---	X	X
Gen 4 Extended Monitor			X	---	---	---	X	---	X	X

+ Feedback

Wireless Data Server	Wireless Data Server	1.591.2 (Planting) 7.564.1 (Application) 2.573.1 (Harvesting)	X	---	X	X	X	---	X	X
Mobile Data Transfer	MyTransfer™ app	3.8.6 (iOS®) 3.8.5 (Android™)	X	X	X	X	X	X	X	X
Connect Mobile app	Connect Mobile app	8.4.0 or newer	X	---	X	X	X	---	X	X
Connect Mobile server	Connect Mobile server	2.3.113-1	X	---	X	X	X	---	X	X
Manure Constituent Sensing	Manure Controller	19.06	X	---	X	X	X	---	X	X

*NOTE: See additional information below.

StarFire Receivers

StarFire Receivers can be updated in the following ways:

- Receiver USB port (available only for StarFire 6000 Receivers)
- Generation 4 display USB port
- Remote software updates application (in ISOBUS VT app)

+ Feedback

John Deere Operations Center™ application

To use RDA on a Generation 4 CommandCenter Display with a GreenStar 3 2630 Display connected in the same machine, GreenStar 3 2630 software version 3.22.1095 (SU2014-1) or higher is required (for 4600 CommandCenter Display and 4640 Universal Display only).

GreenStar Rate Controller Dry

GreenStar Rate Controller Dry (GDC) 2.11A was the last software version available through Software Manager. GDC 2.20A has been available since spring 2015 and contains diagnostic language updates. This software can only be obtained through Service ADVISOR.

John Deere Rate Controller 2000

The John Deere Rate Controller 2000 will not control the planter clutches or half-, third-, or quarter-width disconnects on a John Deere planter.

AutoTrac Vision

AutoTrac Vision Guidance is only compatible with Generation 4 18-1 software 10.10.404-345 or newer.

ISOBUS implements

Generation 4 and G5 displays support two Agricultural Industry Electronics Foundation (AEF) certified ISOBUS control units. The use of two ISOBUS control units is limited to the configuration of one front and one rear implement. The use of multiple ISOBUS control units as rear implements is not supported. Generation 4 displays support AEF-certified ISOBUS implements with Task Controller Section Control (TC-SC) functionality and AEF certification for TC-SC include sprayers, fertilizer spreaders, planters, seeders, manure applicators, etc. For third-party FMIS compatibility, reference the John Deere Operations Center.

A software update performed by an authorized ISOBUS implement dealer may be required to obtain compatible software. ISOBUS implements must be certified through the Agricultural Industry Electronics Foundation (AEF) to be recognized by the Generation 4 CommandCenter Display. Visit www.aef-online.org for more information; visit www.aef-isobus-database.org for an active list of compatible implements.

ISOBUS implements with VT4 are now supported by G5 and Generation 4 displays. Generation 4 displays still support older VT versions (example: VT2 and VT3). If an implement is not loading after updating to Generation 4 software update 2017-2 (or newer on 4600 CommandCenter v2 processors), it is recommended that the implement manufacturer be contacted to get a software version that is either VT3 or VT4.

Implements without controllers

Implements without controllers can be documented as a stand-alone operation or with a rate controller from John Deere. Additionally, multiple implements without controllers cannot be documented together.

AutoPath

AutoPath is compatible with G5 displays, Gen 4 4600 CommandCenter (v2 server) and 4640 Universal Displays running 20-3+ or later software. AutoPath (rows) requires specific row data documentation (that is gathered during the first field operation of the year. An implement mounted, StarFire Receiver with SF3 or higher correction signal is required to document crop row location for AutoPath. *Shared signal is compatible.*

For more information on AutoPath functionality and requirements, please refer to the AutoPath Sales Manual.

AutoTrac Implement Guidance (Passive)

- AutoTrac Implement Guidance is compatible with SeedStar 4HP, SeedStar 3 HP, SeedStar 2, and SeedStar XP.
- AutoTrac Implement Guidance is compatible with N500C seeding tools, 1990CCS Seeders as well as 1910, C650, and C850 Tow-Behind Air Carts.
- AutoTrac Implement Guidance is NOT compatible with Tow-Between Air Carts.

AutoTrac Turn Automation

AutoTrac Turn Automation is compatible with the following machines:

- 8030 Series Tractors
- 9030 Series Tractors (if equipped with PowerShift™ transmission)
- Model year 2012 and newer 6R Tractors (if equipped with Infinitely Variable Transmission [IVT™] and ITEC™ functionality)
- Model year 2012 and newer John Deere 6R Tractors (with direct drive transmission (non IVT))

- This 6R tractor model is not compatible with speed automation but can utilize automated turn and iTEC functionality (23-3 software or newer required).
- 6M, 6020 and 6030 John Deere Tractors are NOT compatible with ATTA.
- Model year 2011 and newer 7R Tractors (if equipped with CommandQuad™ transmission (CQT), e23™ PowerShift transmission, or IVT)
- Model year 2010 and newer 8R/RT Tractors
- Model year 2012 and newer 9R/RT/RX Tractors

NOTE: Integrated tractor IMS must be turned off on 30 Series Tractors to use AutoTrac Turn Automation on the G5 or Gen 4 display. Integrated Tractor iTEC must be turned off on the following tractors to use AutoTrac Turn Automation on the G5 or Gen 4:

- Model year 2012-2014 6R
- Model year 2011-2013 7R
- Model year 2010-2013 8R
- Model year 2012-2014 9R

NOTE: If instead an operator chooses to use the machine's integrated IMS/iTEC functionality, then AutoTrac Turn Automation and iTEC must be turned off in the Gen 4 or G5 Display.

AutoTrac Turn Automation is compatible with the following implements:

- SeedStar 4 HP, SeedStar 3 HP, SeedStar 2, and SeedStar XP planters, 1990CCS Seeders, and 1910, C650, and C850 Tow-Behind Air Carts.
- See the "Additional Information" section of DTAC solution 115995 (https://ccms.deere.com/prweb/PRServletCustomAuth/ZDate_MgiNPn1ccl6O6pyBurDs0hjFQ8*/!STANDARD?pyActivity=SolutionsSnapStart&Action=showHarness&className=Deere-Int-Solr-Docs&Purpose=SolutionDescriptionNew&SolutionID=115995&Language=Default) for more information.

AutoTrac Turn Automation is NOT compatible with the following implements and implement configurations:

- Front-mounted implements
- Tow-Between Air Carts
- Multiple implements pulled in a series where the equipment doing the work is not connected directly to the tractor

For more information on AutoTrac Turn Automation functionality and requirements, please refer to the Sales Manual.

Machine Sync

Supported leader platforms

- Combine:
 - X Series Combines, S Series Combines, W Series Combines, T Series Combines, 70/60/50 Series Combines
- Self-Propelled Forage Harvesters
 - 9000 Series and 8000 Series
- John Deere Tractors
 - All models outlined in the follower platform section below.

Supported follower platforms

- John Deere tractors (wheeled models)
 - 6R with Infinitely Variable Transmission (IVT™) (iTEC™ functionality required)
 - 7R with CommandQuad™ Eco transmission, e23™ transmission, and IVT
 - 8030 with PowerShift™ transmission and IVT
 - 8R with PowerShift, IVT, and e23 transmission
 - 9030 with PowerShift transmission

- 9R with PowerShift transmission with Efficiency Manager™ feature
- John Deere tractors (tracked models)
 - 8RT/8RX with PowerShift, IVT, and e23 transmission
 - 9RT/9RX with PowerShift transmission with Efficiency Manager feature
- *NOTE: John Deere 8030T and 9030T models are not compatible with Machine Sync.*

Machine Sync is supported on G5/G5^{Plus} Universal or CommandCenter Displays, Gen 4 4600 CommandCenter Displays, and Gen 4 4640 Universal Displays. G5 and Gen 4 configurations will work with one another. I.E., an X9 Combine is equipped with a G5^{Plus} Display, and its grain cart tractor is equipped with a Gen 4 display will work together in a Machine Sync setting.

All machines (leaders and followers) running Machine Sync must be equipped with High Connectivity Machine Sync antennas. This will yield the best performance and connection between the two machines when unloading harvested crops on the go. (Part # BPF12469)

We recommend the leader has a higher or equal correction signal to the follower. Starting May of 2024, StarFire 3000 Receiver software updates and fixes will no longer be available, therefore, this receiver will no longer be compatible with Machine Sync. The configuration will not be blocked, however, support will be discontinued in the event an issue arises.

Idle Reasons

Idle Reasons is compatible with G5 displays, 4600 CommandCenter (v2 server) and 4640 Universal Displays equipped with Automation 4.0 or G5 Advanced with 24-1 or later software.

Reprogramming UCC2 Application Controllers

4600 CommandCenter v1 does not support reprogramming on the UCC2 version of Application Controller. Service ADVISOR or compatible displays may be used.

Distance Trip documentation/Yield Documentation, Specialty Crop

A UCC2 Application Controller with 19-2 software or newer, running on a 4600 CommandCenter v2 server enables documentation of field operations. If a UCC2 replaces a UCC1 Application Controller on a CommandCenter v1 server, documentation is not available.

Camera compatibility

Voyager® cameras are supported on Generation 4 displays. All other camera types are not supported.

Non-John Deere Precision Ag

4600 CommandCenter v2 and the 4640 Universal Display are compatible with the following RS-232 configurations with software update 18-2 and newer:

- Global positioning system (GPS) receivers with serial port connection
 - Will not enable AutoTrac guidance functionality
- Raven RS-232 control units (440, 450, or 660) on tractors configured as implement-based applications
- Generation 4 displays are not compatible with the DN345 Drawn Dry Spreader at this time.

4600 CommandCenter v2 and the 4640 Universal Display are compatible with the following RS-232 configurations with software update 20-3 and newer:

- Yara N-Sensor

- Fritzmeier
- Trimble® GreenSeeker®
- LH 5000

Machine Communication Radio (MCR)

Generation 4 displays are not compatible with MCR.

NOTE: Gen 4 data is only compatible with the John Deere Operations Center. All Gen 4 activations are machine specific and cannot be transferred to a different machine. If not using WDT, an 8- to 32-GB USB is required to transfer data to and from the Gen 4 display. Implement settings are display specific and cannot be imported or exported from the Gen 4 display.

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The 4240 radar speed kit is required with implements that need a ground speed input (radar) when being pulled by a tractor not supplying ground speed from the Tractor Equipment Control Unit (TECU). Tractors equipped with integrated AutoTrac will have a TECU that supplies ground speed input.

For compatibility with AutoTrac Universal and AutoTrac Controller, see the Sales Manual.

For data transfer options, see Options for moving display data to John Deere Operations Center (<https://secure.viewer.zmags.com/publication/f1bfbfea>).

For more information on Generation 4 displays and John Deere Rate Controller 2000 compatibility, visit the John Deere Sales Manual.

For complete Connect Mobile compatibility, reference Connect Mobile configurations (<https://secure.viewer.zmags.com/publication/cd5087ab>).

Additional machine-based recording triggers are available within the virtual (non-detected) tractor machine profile. Examples of these recording triggers would include SCVs, PTO, hitch, etc. This is only available on machines that publish recording triggers on the controller area network (CAN) bus for displays to use.

Ask a product-related question (https://dlrdoc.deere.com/sales/salesmanual/feedback_form.html?referrer=https://dlrdoc.deere.com/sales/salesmanual/en_NA/ams/2024/feature/command_center/cc_premium_compat.html)



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Last Updated: 28-May-2024

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