



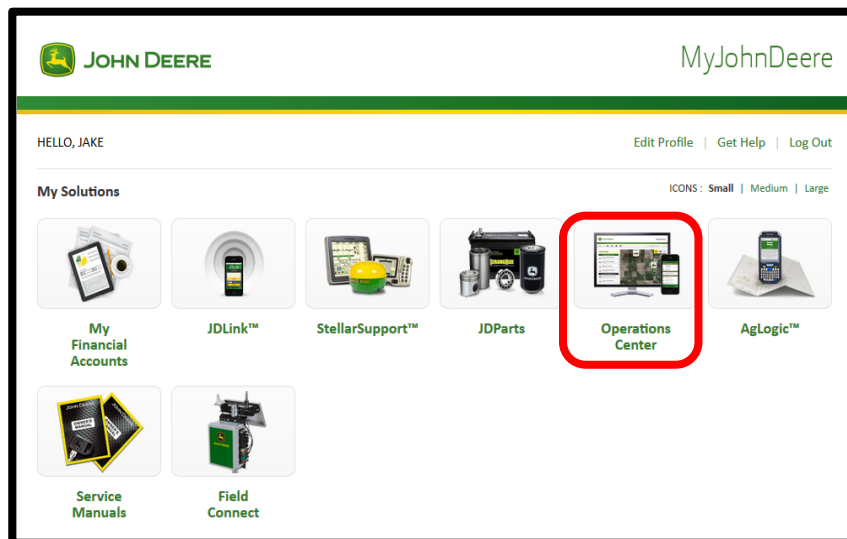
2019 - Deere Connectivity Guide

INTERNAL ONLY

Last Updated May 31, 2019

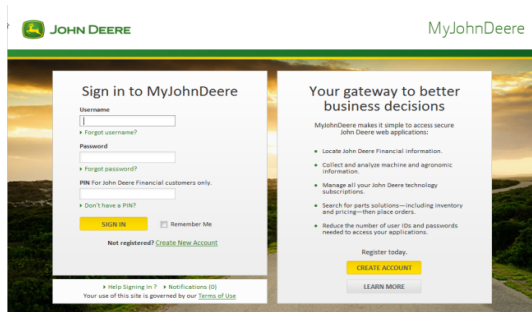
Operation Center Overview

Growers use features and services within the Operations Center to make decisions before, during, and after the crop season and connect with trusted advisors to analyze decision effectiveness to improve profitability. As a Service Provider, you can partner to receive data from growers, and/or receive and manage data from your own application equipment.



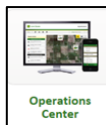
Access the Operations Center from any Internet-connected device, whether it be laptop, smartphone, tablet, or desktop.

Create New Account



MyJohnDeere provides a single sign-on that will be used across multiple John Deere applications. The Create New Account process will be completed for anyone who do not have an existing MyJohnDeere Account will need to follow the steps in listed below.

1. Select the **Not registered? Create New Account** link on the MyJohnDeere Login page.
2. Enter your information to create an account.
3. You will receive an email asking to validate your Profile.
4. Select the **Validate Profile** button to setup a password, challenge question and accept the terms of use. When finished you will be taken to the MyJohnDeere home page.



5. Select the **Operations Center** option from the MyJohnDeere home page.
6. You will be prompted to set up an Organization the first time you select Operations Center. If you just want to join an existing organization instead of create a new one, select 'Cancel' and have the organization Admin send you an invitation as a Staff member of the org.
7. When prompted to create a new organization, enter your desired organization name.

8. Select the **LET ME IN!** button.
9. Review and Accept the terms and conditions and select the **CONTINUE** button.

Locate Grower's Existing MyJohnDeere Login Credentials

If a grower can't remember their MyJohnDeere username or password, they can have their login information emailed to them by following the steps below.

Forgot Username

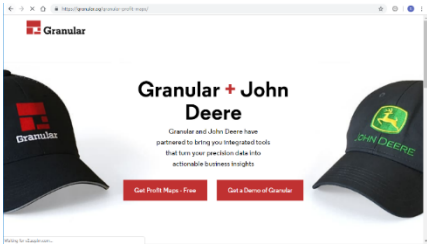
1. Select the '**Forgot Username**' link on the MyJohnDeere Login page.
2. Enter their email address, and select '**Submit**'.
3. You will receive an email with your username asking to sign-in or reset your password.

Forgot Password

1. Select the '**Forgot Password**' link on the MyJohnDeere Login page.
2. Enter their username and select '**Submit**'.
3. To reset your password, you must enter your email address, and select '**Submit**'.
4. You will have received an email containing link to reset your password. Please check your inbox to reset your password and challenge question.
5. Enter your new password and challenge question and select '**Submit**'.

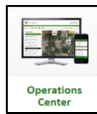
6. Select '**Continue**' when given the '**Password and Challenge Question Saved**' message.
7. Select '**Continue**' when given the Profile Validation Complete message. You will be

Connect Grower's Operation Center with Granular



Granular and John Deere are in a relationship to bring you integrated tools that turn your precision data into actionable business insights.

1. Have the grower sign into their MyJohnDeere account.



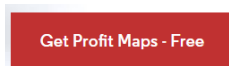
2. Select the  option from the MyJohnDeere home page.



3. Select the  icon in the upper right-hand corner of the page.



4. Select the  icon from the tools menu.



5. Select the  button.

6. The grower will have received their Granular Profit Maps within the Operations Center within 24 hours

Operations Center Help

John Deere Support Line: 1-800-411-7438

- Monday-Friday 7am-7pm CST
- [John Deere Support Form](#)
 - Online web form used to submit questions and issues.
 - Contacted within 1 business day by support team member
- Help with [MyJohnDeere Sign-in](#)
- Operations Center [Help Files](#)
- Granular [FAQ link](#) in Field Analyzer page
- [John Deere Digital Solutions Value Guide](#)
- How-To Videos – [YouTube Playlist](#)
- [Granular Profit Maps video](#)

What is JDLink Connect?

JDLink is John Deere's telematics system that connects all make/model machines in the field with the office and mobile devices.

JDLink technology enables growers to:

- Access machine data, track actual machine location and location history, set up and manage geofence and curfews, and manage maintenance plans and alerts
- Remotely view John Deere displays
- Diagnose a machine and send updates from the workshop with Service ADVISOR™ Remote
- Wirelessly send setup and documentation data between machine and the Operations Center
- Share coverage maps and AB lines between displays working together in the field
 - Use Mobile RTK Signal

The compatibility information below is for your reference. For specific information, it is best to work with the John Deere dealer.

Please note the follow appreciations in the chart below:

MY = Model Year

SOP = Start of Production

Machine Type	Machine Models or Series	JDLink installation type - Factory install in base MY SOP - Factory install option MY SOP - Field install only
Tractors	Tractors	
Tractors	5M & 5R: 5075M, 5085M, 5090M, 5100M, 5100MH, 5115M, 5090R, 5100R, 5115R, and 5125R (S.N. HH100101) Cab Only	Field only
Tractors	5M Open Operator Station: 5M, 5100ML, 5115ML, 5125ML, and 5100MH (MY15+ FT4)	Field only
Tractors	6x30 Series	Field only
Tractors	6R Model Year 2015 (Gen 4 CommandCenter Display) 6175R, 6195R, 6215R 808501-Mid & Small Frame XXXXX-	Option MY12+
Tractors	6R Model Year 2012-2014	Option MY12+
Tractors	6M MY16+ FT4 Cab Only 6M MY16+ Tier 2 Cab Only	Field only
Tractors	6M MY16+ FT4 Cab Only 6M MY16+ Tier 2 Cab Only (Non-Greenstar Ready ISOBUS Machines)	Field only
Tractors	7R Model Year 2014+ SN 080001-	Base
Tractors	7R Model Year 2012-2013	Base MY12+
Tractors	7130-7530 Models	Field only
Tractors	7630-7930 Models, 8030 or 9030 series	Field only
Tractors	8R Model Year 2014+ late model Wheel 090001- Track 912001-	Base
Tractors	8R Model Year 2011-2014 early model Wheel -090000 Track -912000	Base
Tractors	8R Model Year 2010	Field only
Tractors	9R Model Year 2015+ (Gen 4 CommandCenter) Wheel 015001- Track 906001-	Base
Tractors	9R Model Year 2012-14	Base

Machine Type	Machine Models or Series	JDLINK installation type - Factory install in base MY SOP - Factory install option MY SOP - Field install only
Combines	Combines	
Combines	S550, S660, S670, S680, S690 MY14+	Base MY14+
Combines	S550, S660, S670, S680, S690 MY12+	Base MY12+
Combines	T550, T560, T660, T670 MY14+	Base MY14+
Combines	T550, T560, T660, T670 MY12+	Base MY12+
Combines	W540, W550, W650, W660 MY14+	Base MY14+
Combines	W540, W550, W650, W660 MY12+	Base MY12+
Combines	70 and prior Series not listed above (not CAN data compatible)	Field only
Sprayers	Self Propelled Sprayers & Applicator	
Applicator DSM	F4365	Base MY18+
Sprayers DSM	R4023, R4030, R4038, R4045	Base MY14+
Sprayers DSM	4930 (not CAN data compatible) 4730, 4830 MY11 and earlier 4630 MY12 and earlier	Field only
Sprayers DSM	4730, 4830, 4940 MY12+	Base MY12+
Sprayers DSM	4630 MY 13+	Base MY13+
Cotton	Cotton Harvesters	
Cotton	CP690 MY14+ CS690 MY14+	Base MY14+
Cotton	7760 Model Year 2012-2014	Base MY12+
Cotton	7760 MY11 & 7660 Model Year 2011-14 (not CAN data compatible)	Field only
Cotton	7460 (not CAN data compatible)	Field only
SPFH	Self Propelled Forage Harvesters	
SPFH	8000 series SPFH MY15+	Base MY15+
SPFH	7x80 SPFH Model Year 2013	Base MY13+
SPFH	7x50 SPFH Model Year 2012	Base MY12+
SPFH	7x50 SPFH Pre-2012	Field only
SPFH	7x00 SPFH	Field only
Windrowers	Self Propelled Windrowers	
Windrowers	W235 MY14+, W260 MY15+	Base MY14+
Sugar Cane	Sugar Cane Harvesters	
Sugar Cane	CH570 MY15+	Base MY15+
AMS	AMS Components	
AMS	RTK Base Station Manager for Dealer Owned RTK Networks	n/a
All Makes	All Makes/Models/types of Self Propelled machines. Does not include Can Bus connection.	
All Makes	All Makes/Models with CAN connection	n/a
All Makes	All Makes/Models no CAN connection	n/a
OEM Engines	OEM Engines	
OEM Engines	John Deere Tier 3	Option
OEM Engines	John Deere IT4/FT4	Option
Implements	Implements	
Planters	ExactEmerge™ MY14+ MaxEmerge 5e MY17+	Base MY14+ Base MY17+
LSB - Ottumwa only	LSB MY16+ models (on tractors only) See help files for details	MY16+ LSB

JDLINK Help

[Sales Manual](#)

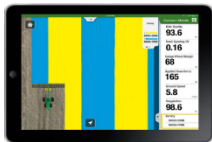
What is Connect Mobile?

John Deere Connect Mobile is a mobile app that utilizes an Apple® iPad® tablet in the cab and helps the operator monitor job quality during planting, spraying, and harvest operations. Connect Mobile documents and displays multiple quality layers, helping the operator monitor and more easily detect problems that can occur during planting, spraying, or harvest. Connect Mobile also has a common user interface that makes it easy to use between different pieces of John Deere equipment.

Connect Mobile – Upgrading Existing Customer’s Subscription



There is no subscription to activate because Connect Mobile is a free application that is downloaded from the App Store.



The only upgrade that would be needed would be hardware on the machine; or software on the machine display.

Connect Mobile – Activating New Subscriptions



There is no subscription to activate because Connect Mobile is a free application that is downloaded from the Apple Store.

What is the value of Connect Mobile?

The tool uses high def visualization of in-field information to complement the Deere display in cab to:

- Unlock a new agronomic value prop with row by row visuals
- Monitor and improve job quality when planting, spraying, and harvesting
- Monitor and document key performance indicators in high-definition map layers and dashboard tiles such as:
 - PLANTING Attributes
 - Actual population
 - Target population
 - Singulation
 - Seed-spacing coefficient of variation (CV)
 - Applied downforce
 - Gauge wheel margin
 - Ride quality
 - Ground speed
 - Variety
 - SPRAYING Attributes
 - Actual rate
 - Rate deviation
 - Ground speed
 - Pressure
 - HARVEST Attributes
 - Ground speed
 - Moisture
 - Dry yield
 - Wet yield

As an example, Connect Mobile split-screen view lets users compare a previous planting layer with current harvest layer, giving the operator instant understanding of variety performance

How can a Corteva representative sign up a grower for Connect Mobile?

Growers can download Connect Mobile for FREE from the Apple app store. You do not need a JDLink subscription to utilize the Connect Mobile; just the compatible equipment.

When is Connect Mobile available?

You can download now and utilize Connect Mobile to get insights on the performance of your JD equipment in-field. Connect Mobile also includes access to Profit Maps, an integrated view of your field-level agronomic data with estimated costs, revenues, and profits. Read this to learn more on how to [setup John Deere connectivity](#) for Encirca and read [Profit Maps FAQ](#) to learn more about Profit Maps..

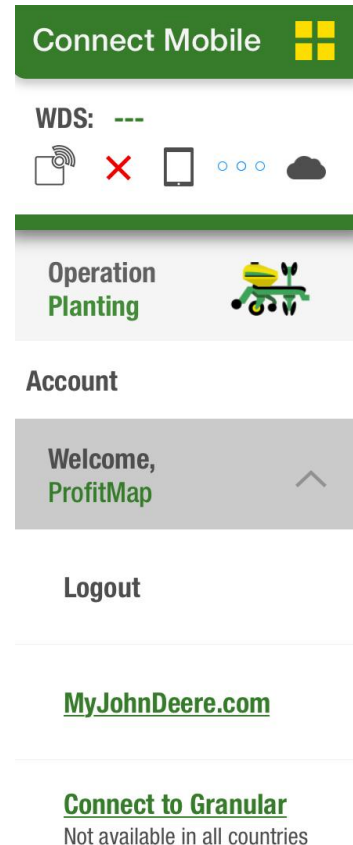
What equipment is compatible with Connect Mobile?

Mobile Device Compatibility:

- Apple iPad Air® 2
- iPad Pro™

Machine Compatibility:

- Wireless Data Server (WDS) or Connect Mobile Server (CMS)
- GreenStar™ 3 2630 Display, John Deere 4600 or 4640 Displays (WDS Only)
- StarFire™ 3000 or 6000 Receivers





Combines	Years	Display configurations
70 Series	2008–2011	2630 and WDS
S600	2012–2017	2630 and WDS
S700	2018+	4600 and CMS app
Planters	Years	Display configurations
1720	2011–2014	2630 or 4600 or 4640 and WDS
1725	2015+	2630 or 4600 or 4640 and WDS
1770NT	2009–2014	2630 or 4600 or 4640 and WDS
1775NT	2015+	2630 or 4600 or 4640 and WDS
1790	2009–2014	2630 or 4600 or 4640 and WDS
1795	2015+	2630 or 4600 or 4640 and WDS
DB44, DB60, DB66, DB80, DB88, DB90, DB120	2013+	2630 or 4600 or 4640 and WDS
<i>NOTE: SeedStar™ 2 is not compatible; SeedStar XP is compatible only after 2009 with MaxEmerge™ 5 units, SeedStar 3 with MaxEmerge 5e or ExactEmerge™ units, SeedStar 4 with MaxEmerge 5e or ExactEmerge units, and SeedStar 4 only works with 4600 or 4640.</i>		
Sprayers	Years	Display configurations
R4030, R4038, R4045	2014–2017	2630 or 4640 and WDS
R4030, R4038, R4045	2018+	4600 with CMS app

Connect Mobile Help

http://dlrdoc.deere.com/sales/salesmanual/en_NA/ams/2019/model/connect_mobile.html
[Video](#)

What is the Difference Between Connect Mobile and JDLink?

- Connect Mobile:
 - Is an iPad app for growers who are hungry for the row by row visuals that CM can provide
 - Is free but requires grower setup
 - Does not currently transfer data to the JD Ops Center. Data lives in iPad only for now
 - Requires certain equipment to be fully [compatible](#)

- JDLink
 - Is activated by a John Deere dealer
 - Is an annual subscription of \$300
 - Data transfer mechanism for [compatible equipment](#)