

# AutoSync (for Precision IQ Displays)

## Setup Devices and Vehicles Online

Setup your vehicles online so that data can correctly flow from the field to the cloud.

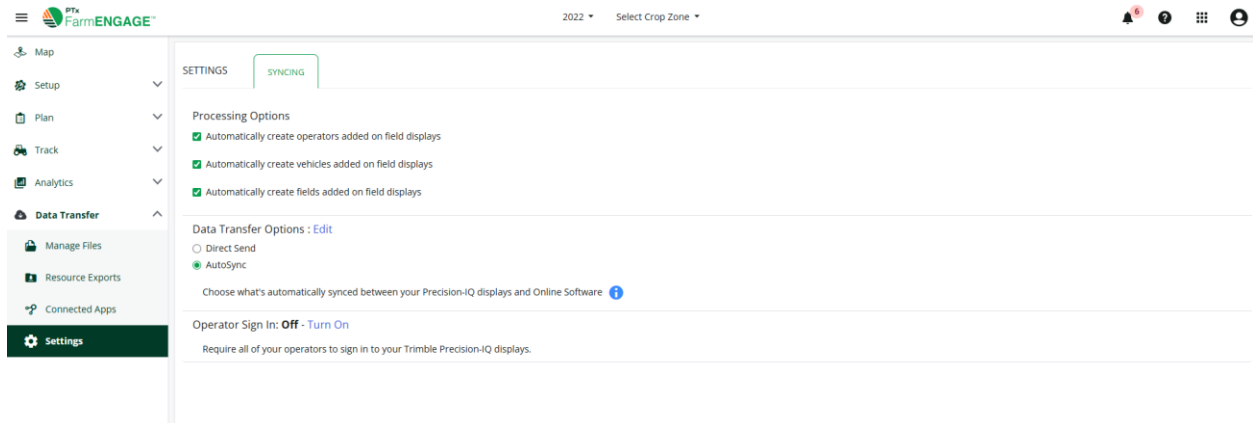
1. Click on the Setup dropdown and select the Devices tab
2. Ensure your Device has an active license
3. If not, click Assign License. If you do not have a license available, contact your reseller to purchase a Display Connection
4. Now select the Equipment tab
5. Click the "+Add" dropdown in the top right corner and select Add Vehicle or Import Profiles
  - a. To add a new vehicle profile, select Add Vehicle
6. For Vehicle Properties enter Name, Manufacturer, Vehicle Type
  - a. If using Groups, assign the Vehicle Group
  - b. Enter the Unit Cost to track cost of use, if desired
7. Select the Precision-IQ display Device from the dropdown
8. Assign the Vehicle License to activate a wireless vehicle connection with a Display
9. Change the Icon to select a visual icon the correlates to the specific vehicle
10. Click Save to save this vehicle

The screenshot displays the FarmENGAGE web application interface. The top navigation bar features the FarmENGAGE logo on the left, the year '2022' in the center, and a 'Select Crop Zone' dropdown on the right. A sidebar on the left contains navigation icons for Map, Setup, Fields, Crop Zones, Equipment (highlighted), Materials, Crops, People, Plan, Track, Analytics, and Data Transfer. The main content area is titled 'Vehicle Properties' and includes tabs for EQUIPMENT, VEHICLES, IMPLEMENTS, and DEVICES. The 'VEHICLES' tab is active, showing a form with the following fields: Name (text input), Manufacturer (dropdown menu), Vehicle Type (dropdown menu), Equipment Group (dropdown menu with a '+' button), and Unit Cost (text input with a '/hr' unit selector). Below these fields are two sections for 'Attached Devices': 'Display Device' (dropdown menu with a '+' button) and 'Telematics Device' (dropdown menu with a '+' button). The 'Telematics Device' dropdown is open, showing a list of options: 'Unassigned', '15651 (FmX) - 15651 - No Vehicle', '5729200474 (GFX-750) - 5729200474 - No Vehicle', '652 (FmX) - 652 - No Vehicle', '65651 (FmX) - 65651 - No Vehicle', and '8652012457 (FmX) - 8652012457 - No Vehicle'. At the bottom right of the form, there are 'CANCEL' and 'SAVE' buttons.

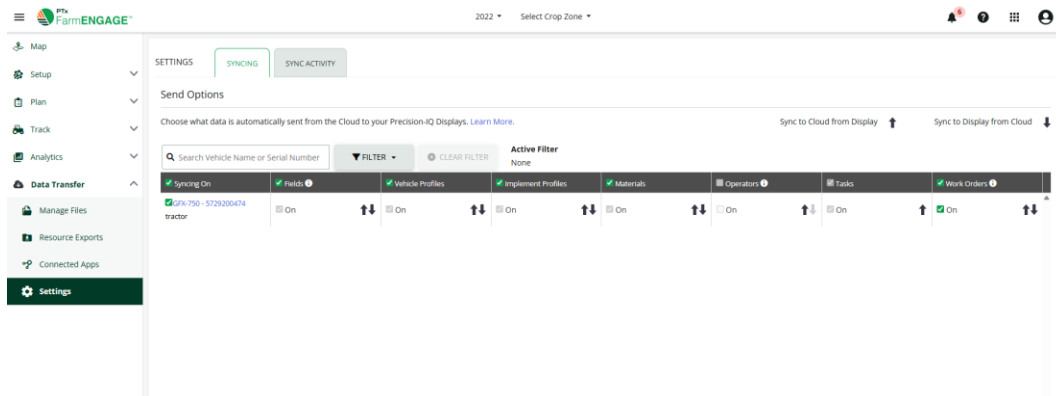
# Turn On Autosync

Ensure that your organization and device settings are aligned to support AutoSync

1. Click on the Data Transfer dropdown and select the Settings tab
2. For Data Transfer Options, click on AutoSync (Direct Send is on by default)

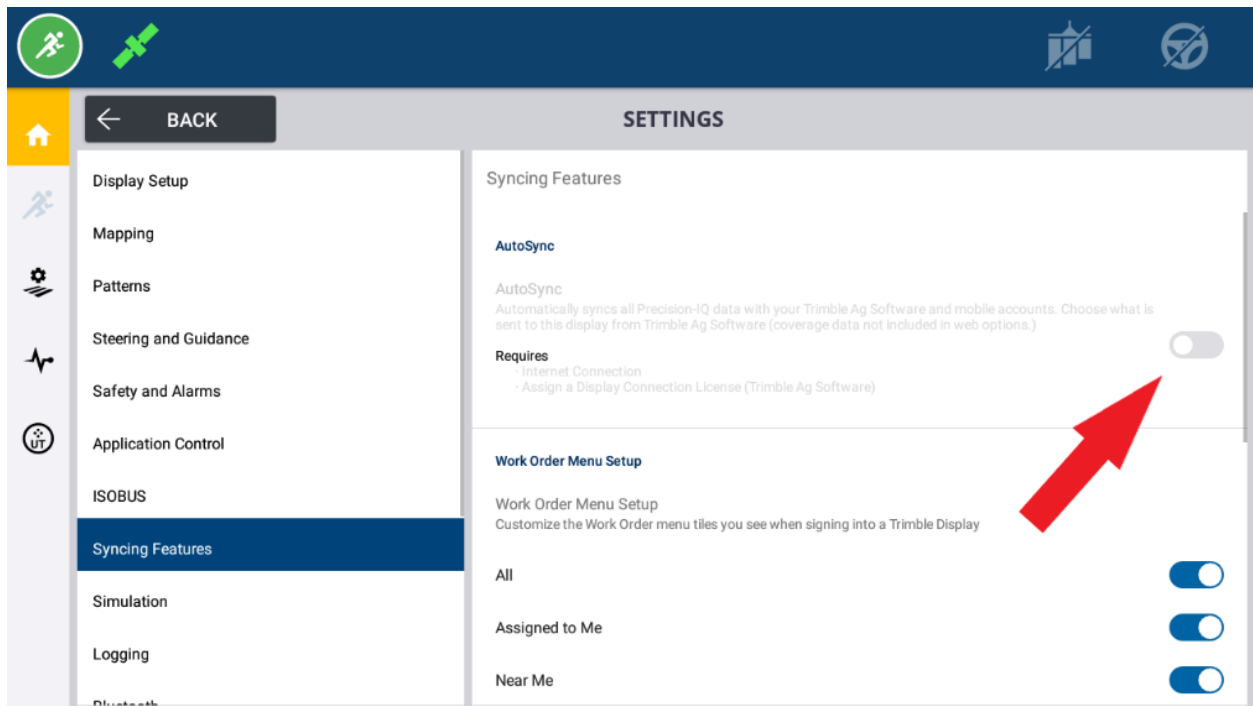


3. For specific device setup, click on the Edit hyperlink
4. For each individual device, ensure that AutoSync is ON so that data can flow from the field to the cloud and select the desired resource categories to sync
  - a. Note: Material syncing is turned off by default. If material syncing is desired this must be actively turned on

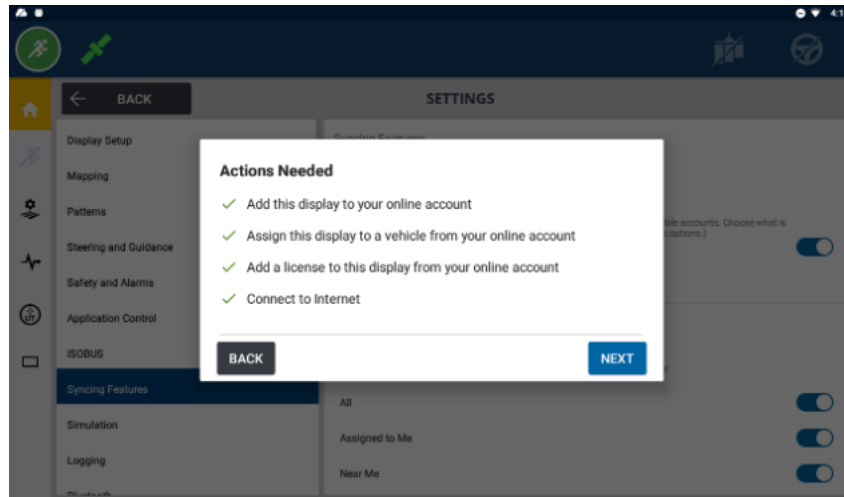


## Enable AutoSync in Precision-IQ

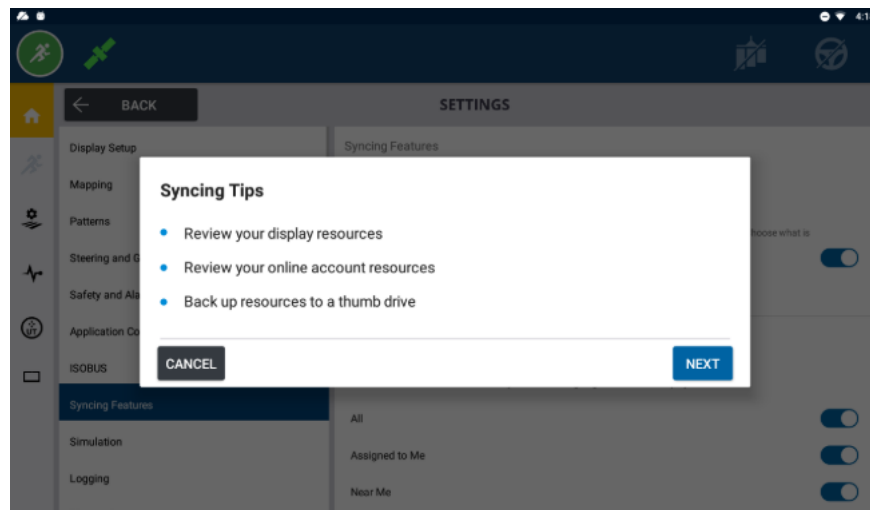
1. Navigate to Precision-IQ on your display
2. Tap on the settings section at the bottom of the screen
3. Tap on the Syncing Features tab from the list
4. Enable AutoSync to ensure data can flow from the display to the cloud
  - a. Requirements to enable AutoSync:
    - i. Internet Connection to the device
    - ii. Display Connection license on the device
    - iii. Device is assigned to a vehicle (see above)



5. The AutoSync Wizard will launch as soon as AutoSync is turned on in PIQ settings
6. When the Actions Needed shows all green check marks, click Next



7. Review the Syncing Tips, then click Next



8. Review the Sync Preview
  - a. Sync Preview provides a count of Resources on the Display and Online with the number of Resources to sync listed
  - b. Estimated Sync Time is shown, and should reflect a conservative estimate
9. Click Start Sync to begin the sync process or Cancel to postpone until a later time
  - a. The display will be temporarily disabled during the sync process

# Monitor Synchronization in PIQ

The AutoSync Service App is available in the installed apps area if you need to review the sync information or review the Sync Settings.

1. Open the AutoSync Service App
2. Click on the Settings button to view or make changes to the Sync Settings
3. To manually initiate a Sync, click the Sync Now button

The screenshot displays the Precision-IQ AutoSync Service App interface. The top navigation bar includes a home icon, a Precision-IQ logo, and tabs for 'Sync Activity' and 'Logging'. A left sidebar menu contains options for System, Performance, Logging, Autopilot, Configuration, Devices, GNSS Receiver, and Auto Sync. The 'Auto Sync' section is expanded to show 'Sync Activity'. The main content area is divided into 'Send' and 'Receive' sections, each containing a table of sync events. The 'Send' section lists tasks and fields with their completion status, while the 'Receive' section lists materials and fields. On the right, a status panel indicates that the AutoSync Feature is Enabled, the AutoSync Service is Running, and the Internet is Connected.

Send				
Spraying	TASK	07.23.25	04:27 PM	Completed
The house	FIELD	07.23.25	04:15 PM	Completed
The house	FIELD	07.23.25	04:15 PM	Completed
特殊池	FIELD	07.23.25	04:15 PM	Completed
SD Test	FIELD	07.23.25	04:15 PM	Completed
Test	FIELD	07.23.25	04:15 PM	Completed
Test	FIELD	07.23.25	04:15 PM	Completed
DEFAULT_FIELD	FIELD	07.23.25	04:15 PM	Completed
DEFAULT_FIELD	FIELD	07.23.25	04:15 PM	Completed
DEFAULT_FIELD	FIELD	07.23.25	04:15 PM	Completed

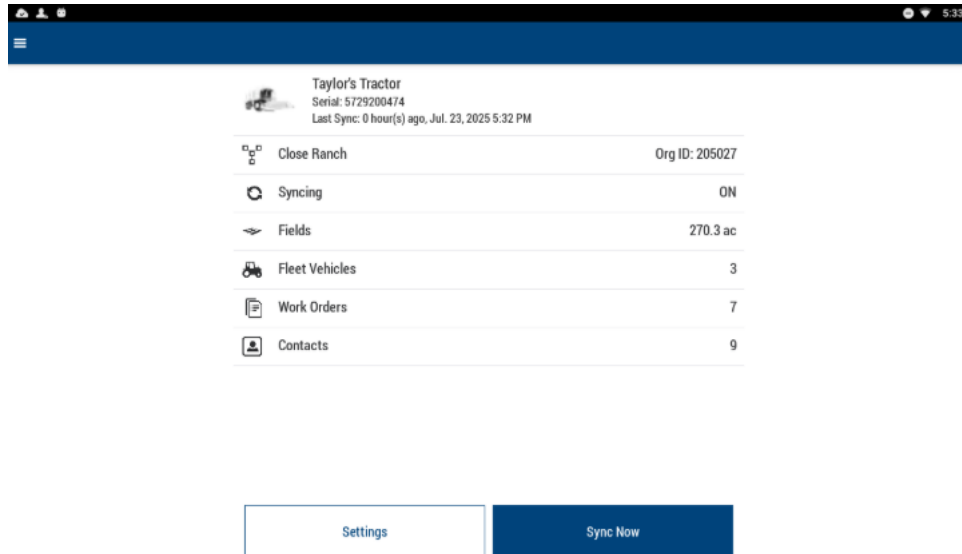
Receive				
Test	FIELD	07.23.25	04:19 PM	
The house	FIELD	07.23.25	04:19 PM	
Touchdown Mix	MATERIAL	07.23.25	04:15 PM	
Pursuit	MATERIAL	07.23.25	04:15 PM	
Alfalfa	MATERIAL	07.23.25	04:15 PM	
Denali	MATERIAL	07.23.25	04:15 PM	
Chemical Mix	MATERIAL	07.23.25	04:15 PM	
Dry Fertilizer	MATERIAL	07.23.25	04:15 PM	
TOUCHDOWN TOTAL	MATERIAL	07.23.25	04:15 PM	
46-0-0	MATERIAL	07.23.25	04:15 PM	

- ✓ AutoSync Feature Enabled
- ✓ AutoSync Service Running
- ✓ Internet Connected

# AutoSync Service App in PIQ

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