



Precision-IQ TOC

AGRICULTURE

October 2019

TRIMBLE RESELLER CONFIDENTIAL

Precision-IQ Feature Documents Master Table of Contents (TOC)

The Trimble® Precision-IQ™ field application for supported displays is an easy-to-use advanced field management system. The following list of feature documents is intended for those people responsible for setting up the Precision-IQ application and for those who will be in the cab accessing the application through a supported display.

Precision-IQ Overview

[Precision-IQ Overview](#)

[GFX-750/XCN-1050 Display Data Sheet](#)

[TMX-2050/XCN-2050 Display Data Sheet](#)

[NAV-900 Guidance Controller Data Sheet](#)

[AG-820 Integrated Radio Data Sheet](#)

Auto Guidance Features

Trimble offers assisted and automated steering options to help keep your farming vehicles on line - so you can focus on other farming tasks. With the added benefit of terrain compensation technology, you can operate in difficult terrain conditions while minimizing skips, overlaps, and guess rows.

These documents describe how to set up a variety of supported auto guidance systems:

[APMD and EZ-Pilot Pro](#)

[Auto Guidance Calibration](#)

[Auto Guidance Setup](#)

[Autopilot](#)

[NextSwath](#)

<http://agpartners.trimble.com>

www.trimble.com

© 2019, Trimble Inc. All rights reserved. Trimble, the Globe & Triangle logo are trademarks of Trimble Inc., registered in the United States and in other countries. Precision-IQ and Field-IQ are trademarks of Trimble Inc. All other trademarks are the property of their respective owners.

Data Transfer

This document describes how to transfer data to and from your display and your office.

[Using Precision-IQ's Data Transfer Service](#)

[AutoSync](#)

[AutoSync Support Workflow](#)

Diagnostics

Precision-IQ offers a wide variety of diagnostic and performance data that you can review and analyze to improve the efficiency of your field operations. These documents cover information about the status of equipment and services, as well as troubleshooting and diagnostics information.

To get started, tap the **Diagnostics** icon on the Precision-IQ activity bar.

[ISOBUS Diagnostics](#)

[System Diagnostics](#)

[GNSS Diagnostics](#)

[Display Diagnostics](#)

[Autopilot Diagnostics](#)

[Exporting Diagnostic Logs](#)

Fields

A *field* is an area of land on a farm where you perform a series of tasks. When you provide more information about a field, then Precision-IQ can generate detailed reports about the field, which are then used to efficiently manage the entire farm. The information you provide includes field boundaries, landmarks, materials applied, tasks performed, etc.

These documents describe how to set up and manage your field:

[Managing Fields in Precision-IQ](#)

[Field Manager: Guidance Patterns](#)

[Field Manager: Boundaries](#)

[Field Manager: Access Path and Tramlines](#)

[Field Manager: Landmarks \(P/L/A\)](#)

[Field Manager: Task History](#)

GNSS and Corrections

GNSS (**Global Navigation Satellite System**) is a satellite system that is used to pinpoint the geographic location of a user's receiver anywhere in the world.

These documents contain information regarding setting up connectivity and corrections and provides some basic concepts for selecting the best connectivity for your configuration:

<http://agpartners.trimble.com>

www.trimble.com

2

[GNSS Overview](#)

[CAN and NMEA Messaging](#)

[Correction Services Supported by Precision-IQ](#)

[Frequency and Baud Rates](#)

Implements

On the Implements screen, you can add, edit, and delete an implement as well as calibrate one for application or section control. These documents provide instructions setting up and managing a variety of supported implements:

[Implement Setup Overview](#)

[Taking Implement Measurements](#)

[Add and Configure an Implement WITHOUT Application Control](#)

[Add and Configure an Implement WITH Application Control](#)

[Edit/Delete an Implement or Application Control Channel](#)

[Rate Control](#)

[Application Control Installer Menus](#)

[Master Switch Box \(MSB\) and 12-Section Switch Box Support](#)

Materials

As part of a field run, a *material* is that which you apply to a field through an implement. Precision-IQ records the amount and coverage of each material applied to your field. This data is then sent to your farm office and is used to effectively and efficiently manage the farm.

[Materials](#)

Run Screen

Once you have successfully set up and selected the equipment and field details, tap the **Run** button on the Home screen to enter the Run screen. From the Run screen, Precision-IQ records data for all work and materials for your selected field.

These documents describe the settings and selections you can make on the Run screen, including fine tuning a field configuration with guidance mappings and landmarks:

[Coverage Layers and Logging](#)

[Run Screen: Landmarks](#)

[Run Screen: Settings, Alerts, and Warnings](#)

[Using Prescriptions in Precision-IQ](#)

[Application Control Widgets on the Run Screen](#)

[Operating a Vehicle on the Run Screen](#)

[Universal Terminal](#)

[Tasks](#)

Preferences, User, and License Maintenance

[App Central: Installing Licenses from a USB Drive](#)

[Managing Users and Passwords](#)

[Setting Preferences for Precision-IQ and the Display](#)

[Updating Field-IQ and EZ-Pilot Firmware](#)

Vehicles

On-screen vehicles in the Precision-IQ application represent actual vehicles, and include basic information about your vehicle as well as its type of guidance system and calibrations.

This document describes how you can add, edit, delete, and select vehicles. A vehicle profile must be set up so that Precision-IQ can collect activity data for the vehicle.

[Managing Vehicles in Precision-IQ](#)

For More Information

Contact your local Trimble Regional Sales Manager.