

SCM PRO

FIELDPILOT PRO / UNIPILOT PRO RELEASE NOTES

The SCM Pro cannot be updated in the field by customers. Contact TeeJet Technologies Technical Support or OEM to get instructions for updating.

SCM Pro Software Version 5.2.34851

For use with Matrix 908 consoles Software v1.00 or later where console to SCM Pro communications is by Ethernet, not CAN

July 2021

Important Notes:

1. SCM Pro part numbers that include 'Ethernet' in the description and factory loaded w/ v5.2.34851 or later cannot be used with Matrix Pro GS and Aeros consoles.
2. SCM Pro units loaded w/ v4.4.34165 or earlier for Matrix Pro GS or Aeros consoles cannot be used with Matrix 908 consoles unless they are first updated to v5.2.34851 by TeeJet Technologies Technical Support. This update will also include updating the module part number decal and converting the console to SCM Pro communications from CAN to Ethernet.
3. In cases where FieldPilot Pro/UniPilot Pro kits for Matrix Pro GS are updated to v5.2.34851 for use w/ Matrix 908 consoles, additional cables are required to connect to the Matrix 908 console. See the Matrix 908 FieldPilot Pro / UniPilot Pro documentation for details.

New Features:

- Supports Matrix 908 v1.00 and later
- Ignores NMEA 2000 messages for all vehicle types, thereby enhancing compatibility for several OEM applications
- Adds a new Hydraulic CAN 4-Wheel Steer (4WS) Vehicle Type
Note: Integrating FieldPilot into a 4WS platform is strictly limited to OEM applications. Generic retrofits on 4WS machines is not supported

Fixes

- Corrects problems where diagnostic functions viewed in a browser do not display correctly

SCM Pro Software Version 4.4.34165

For use with Aeros or Matrix Pro GS consoles Software v4.33 and above

January 2019

New Features:

- New algorithm that improves guideline acquisition especially after making tight turns

Fixes

- ****Critical** Corrects problem where all Autosteer functionality stops working at midnight UTC April 7th, 2019 when the GPS Week Number rolls over to zero**
- Corrects problems where the system may stop responding when vehicle profiles are added, deleted, copied, edited, or set to the active profile
- Corrects problem where the help text during some Automatic Calibration steps is out of sync with the calibration steps

SCM Pro Software Version 4.0.33995

For use with Aeros or Matrix Pro GS consoles Software v4.33 and above

August 2018

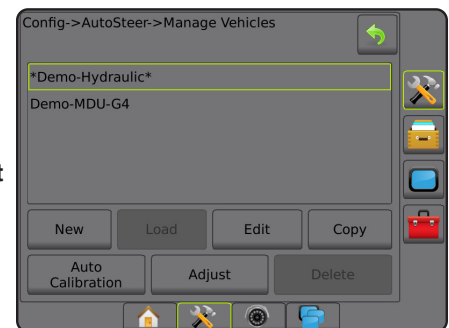
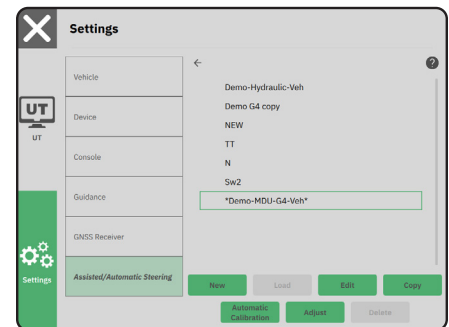
Key Features and Benefits:

- Support for 4-wheel steer (4WS) machines. 4WS can be used a) while manually steering headland turns (Autosteer disengaged) and/or b) while autosteering on the guide path.
NOTE: Rear wheels must nominally mirror the front wheels – crab steering not supported
- Operator is shown a more specific message when a FieldPilot Pro autosteer engage attempt on machines with Ready-to-Steer input to SCM Pro fails because the Operator Presence setting is errantly set to Enabled

Fixes

- Corrects problem where FieldPilot Pro calibration failed to prompt user to confirm the valve type at the end of the calibration sequence
- Corrects problem where selecting a Steer-Ready Case AccuGuide tractor profile would result in the SCM Pro failing to respond until the AccuGuide profile was removed using Service Mode
- Corrects problem where system could errantly engage on a guide path more than 1/2 a boom away from current location

SCM PRO



SCM Pro Software Version 3.2.32197

For use with Aeros or Matrix Pro GS consoles Software v4.20 and above

March 2016

Initial release of FieldPilot Pro/UniPilot Pro

- FieldPilot Pro Auto Steering System: integrated hydraulic automated steering system for Matrix Pro GS and Aeros 9040. Next generation steering control module offers aggressive line acquisition, stable online performance and advanced tilt compensation.
- UniPilot Pro Assisted Steering System: Smooth, accurate assisted steering performance plus portability! The UniPilot Pro system helps you increase efficiency, productivity and flexibility and can be moved between vehicles. It's easy to install with a single bracket onto the steering column – no required access to the hydraulic system or removal of the steering wheel.



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