

Date	Concerning	General description
2022-11-21	ePS v2	Legacy mode
Delivery date	Part no. or corresponding	Recipient
		External partners

ePS v2 Legacy mode

Description

C2C software 2.X.X.X and onwards uses the new ePS v2 protocol for communication with machine guidance systems.

Since machine guidance systems that uses the new ePS v2 protocol and sensors are under development and not yet on the market, we have included a feature called **Legacy mode** to emulate ePS v1 rotation sensor if the tiltrotator is equipped with ePS v2 rotation and tilt sensors.

Important information

- **Legacy mode** will emulate version 1.2.0.1 of C2C software with only rotation sensor data sent to machine control system
- Software version 2.X.X.X will not work with old ePS sensors
- If the old sensors are equipped, use software version 1.2.0.1 for C2C
- No tilt sensor data will work with **Legacy mode** in software version 2.X.X.X

Please see information on page 2 how to **enable Legacy mode**.

If you have any further questions, please contact control.systems@engcon.com

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Additional information

To enable legacy mode for ePS v2 sensors:

- Make sure to upgrade C2C module to version **2.0.5.2211113** that is available in MSU
 - This version was released 2022-11-11
- Make sure to install valid license with MicroConf 4.9.0
- Check that rotation **Sensor detected by C2C** is green
- Check that **Rotation sensor value** is updated when rotating
- **Legacy mode** in C2C software version **2.0.5.2211113** has been tested and validate to work with following machine guidance systems:
 - Trimble Earth Works 3.5.7 and higher
 - Topcon Excavator - 3D X33, X53i, X53x, X63i and X63x
 - Leica iCON

