

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](mailto: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

