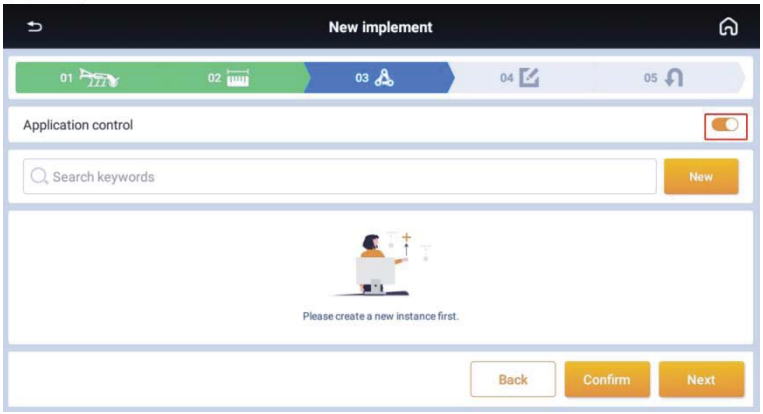
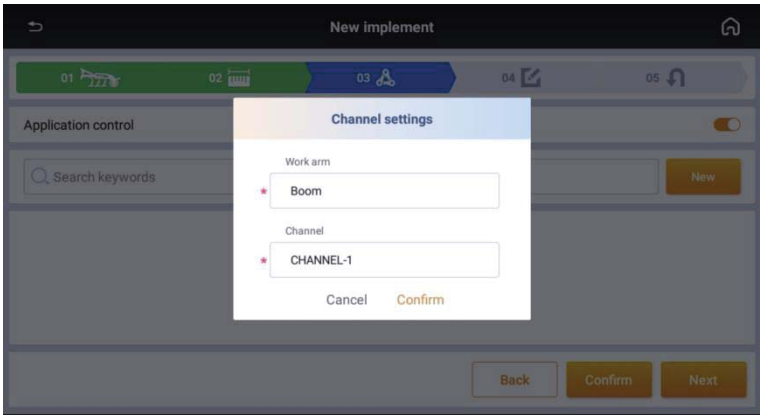
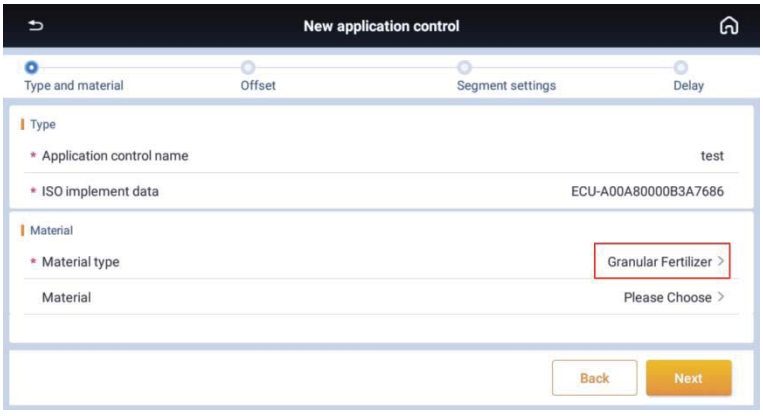
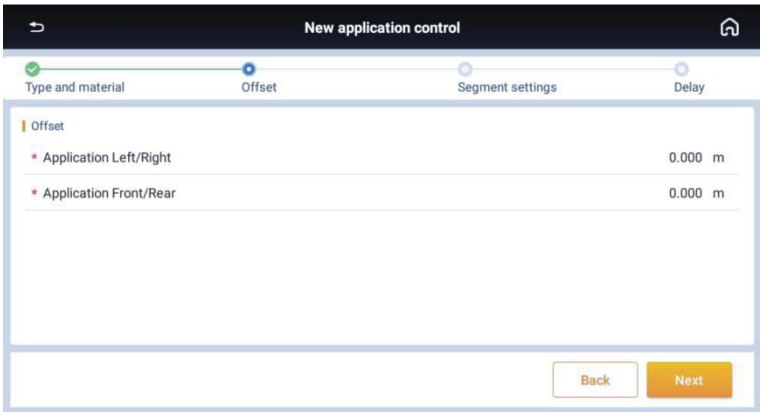


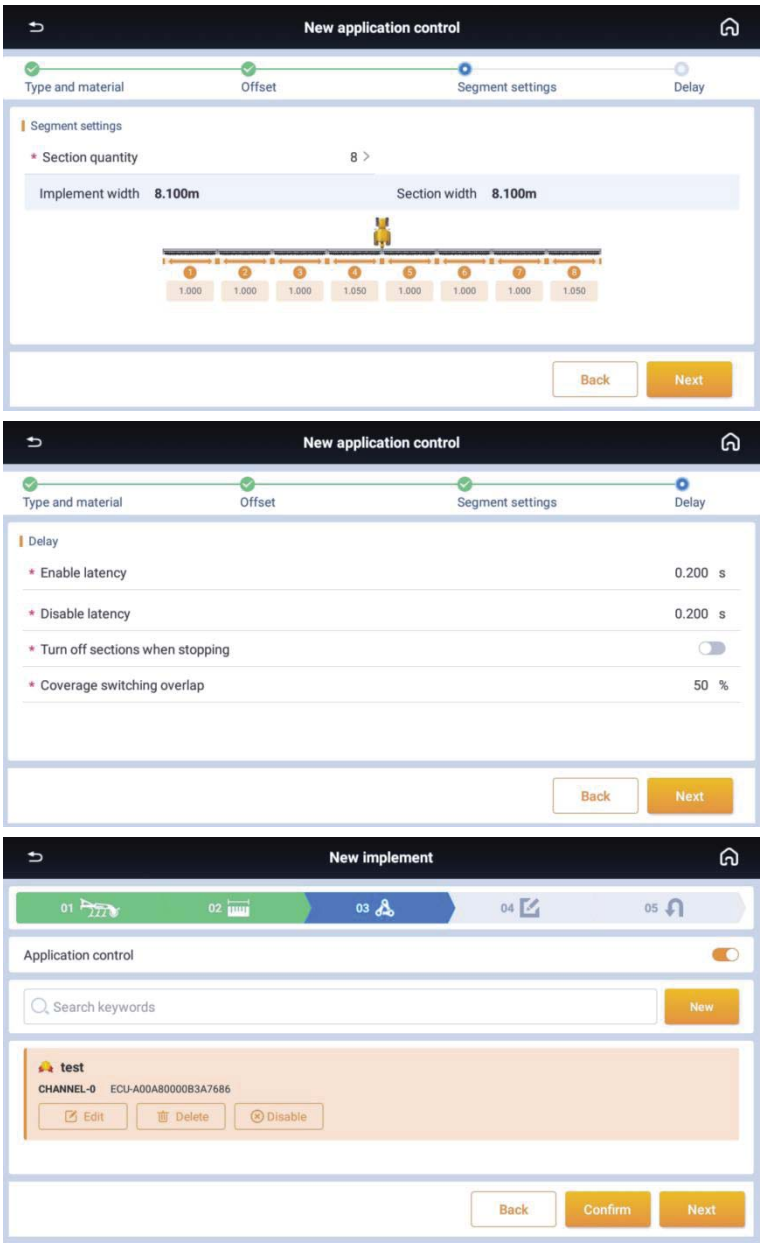


4. Give a name the select the material type and set the offset value.





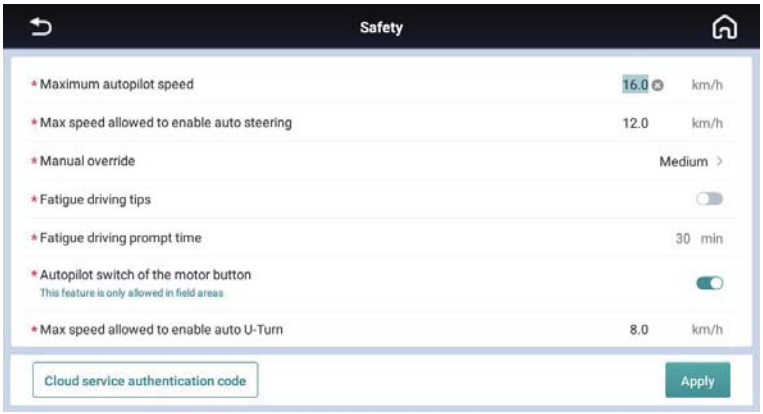
5. Set the section quantities and latency, etc, finally finish the new application control.



6. Go back to the main interface, the customer can switch between AUTO and Manual for ISOBUS TC-SC.

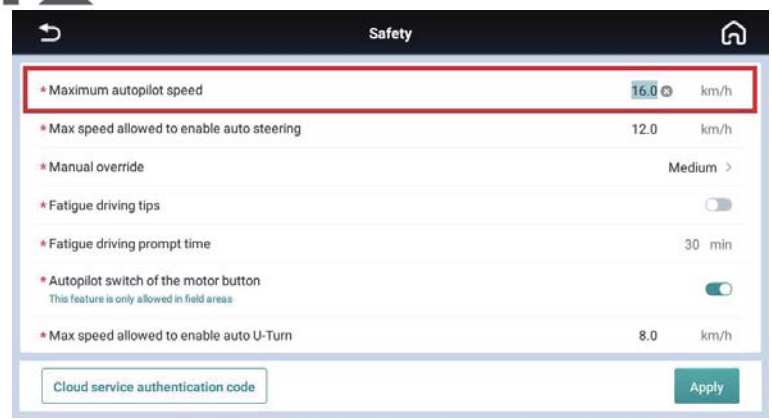
6.15 Safety

In order to ensure the safety, currently it is available to support users to set the maximum autopilot speed, the max speed allowed to engage the autopilot and the maximum speed allowed to enable Auto U-Turn . It is also possible to set the level to manually disengage the autopilot. Go to [Settings center -> Agricultural management -> Safety].



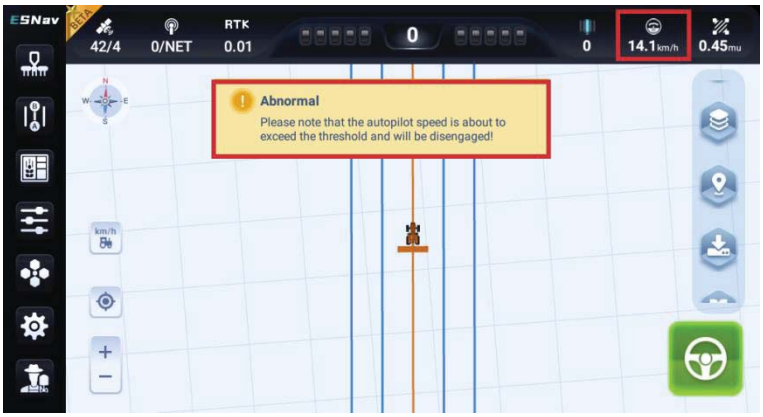
6.15.1 Maximum autopilot speed

Set the maximum autopilot speed, when the vehicle in autopilot mode, it’s speed cannot exceed the set thresholds.



If the current speed is 2km/h below to the threshold, it will have message prompts and audible alarms which remind users the current speed is close to max limit and auto steering will be disengaged.

The default maximum autopilot speed is 16km/h and the configuration range is from 1km/h to infinity.

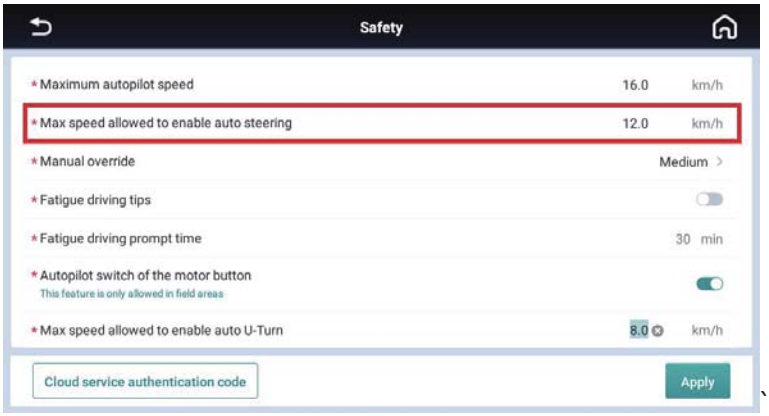


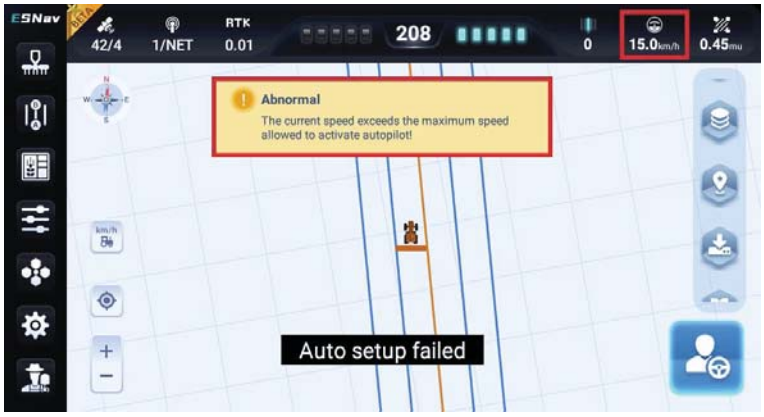
If the current speed exceeds the operators set, the auto steering will be disengaged.

6.15.2 Maximum speed allowed to enable auto steering mode

Set the max speed allowed to engage the autopilot, if the current speed exceeds the threshold, it can not enter autopilot mode.

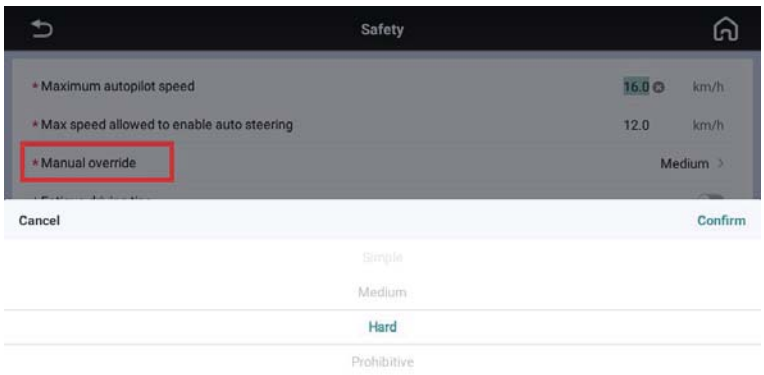
The default maximum speed allowed to enable autopilot is 12km/h and the configuration range is from 1km/h to infinity. Also it should be less than the maximum autopilot speed as above.





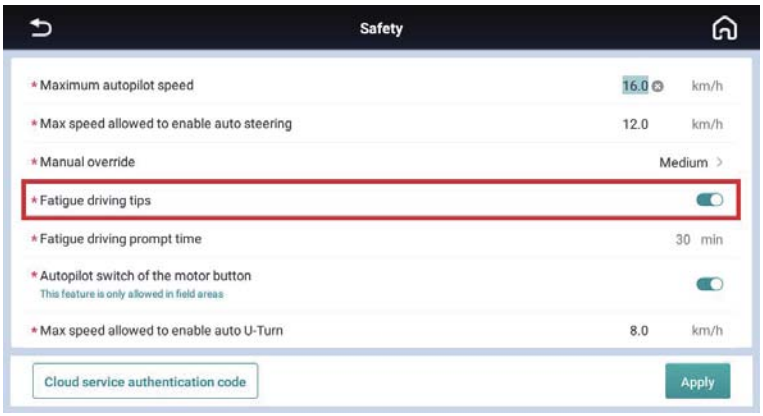
6.15.3 Manual override

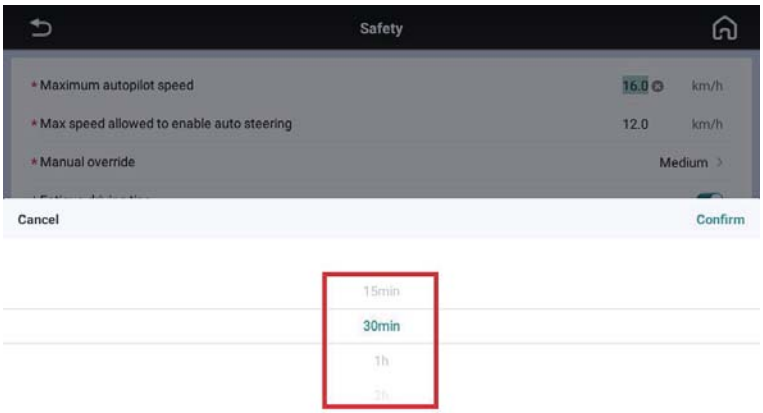
Manual override function allows users to turn the steering wheel to disengage autopilot mode in an emergency. It is allowed to set the different level to manually disengage the autopilot which includes the Simple, Medium, Hard, Prohibitive four Modes



6.15.4 Fatigue driving

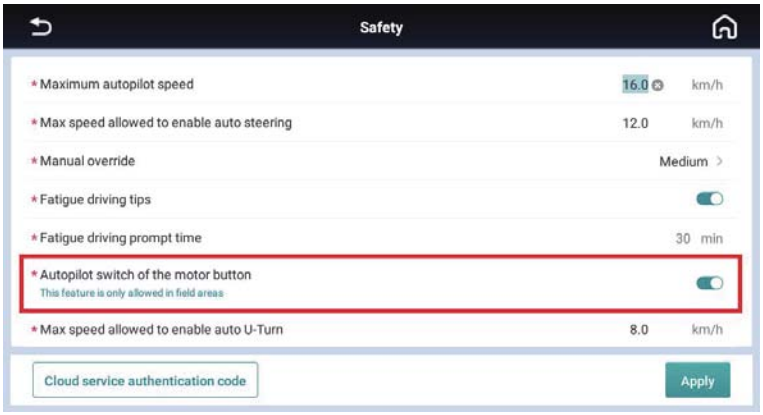
In order to ensure the safety, currently it is available to support users to set the fatigue driving alert and trigger time.





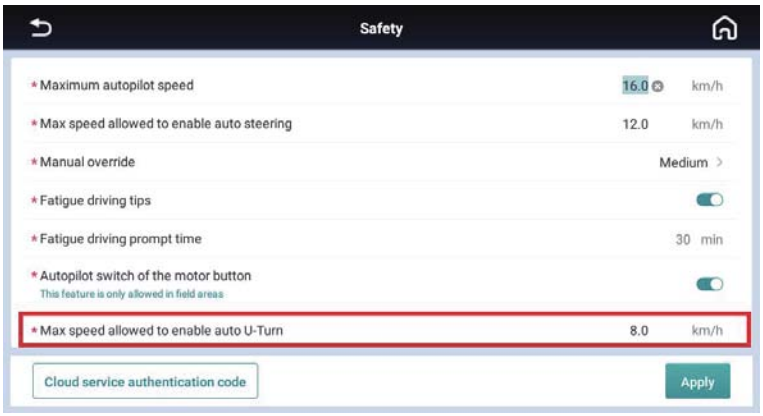
6.15.5 Autopilot switch of the motor button

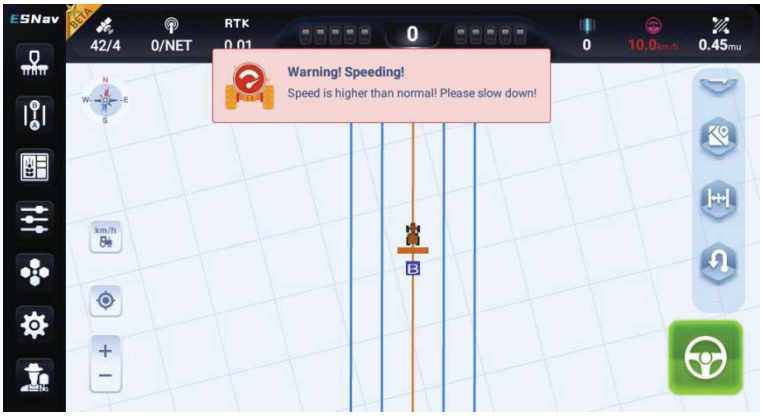
Allow autopilot mode control via motor button. The default option is on and some users can turn it off in case of the safety reason.



6.15.6 Max speed allowed to enable auto U-Turn

When the vehicle speed is more than the threshold, the Auto U-Turn will not be triggered.

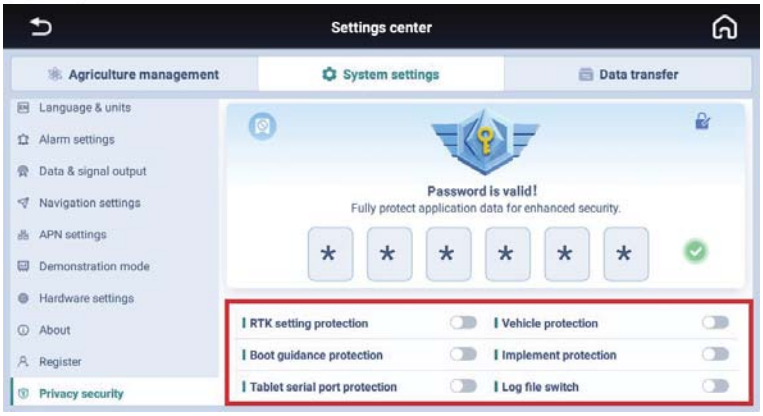




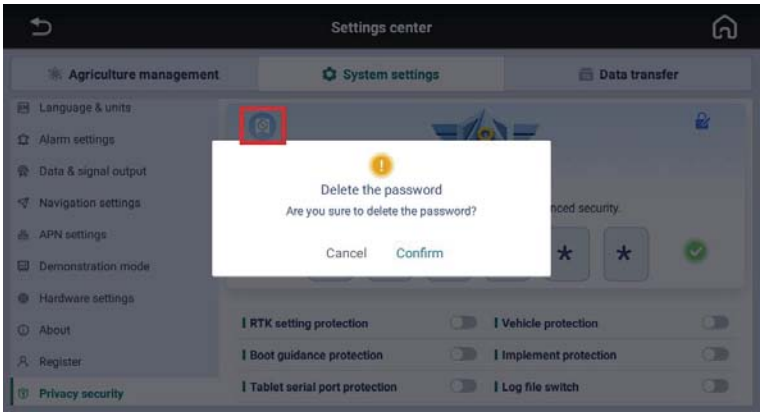
6.16 Privacy security

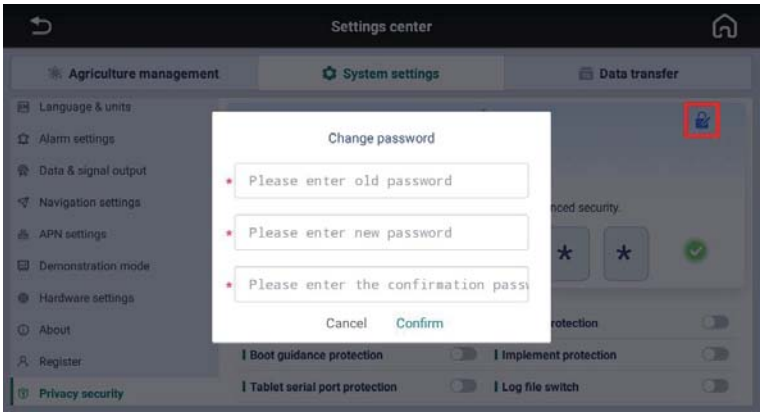
ESNav5.0 adds a new feature to protect different settings with the password.

1. Go to [Settings center -> System settings -> Privacy security]. It is accessible for protecting multiple items with the defined password. For example, set 123456.

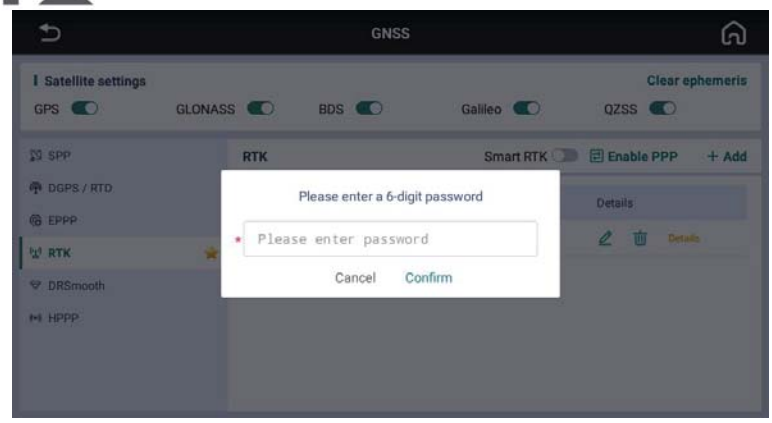


2. Also it is able to delete the password or change the password.



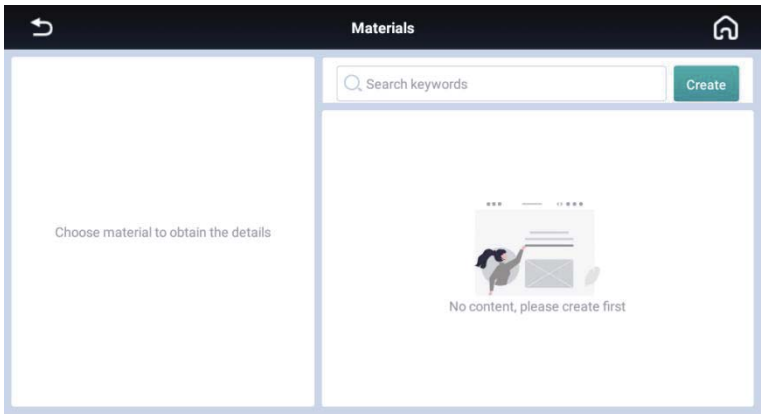


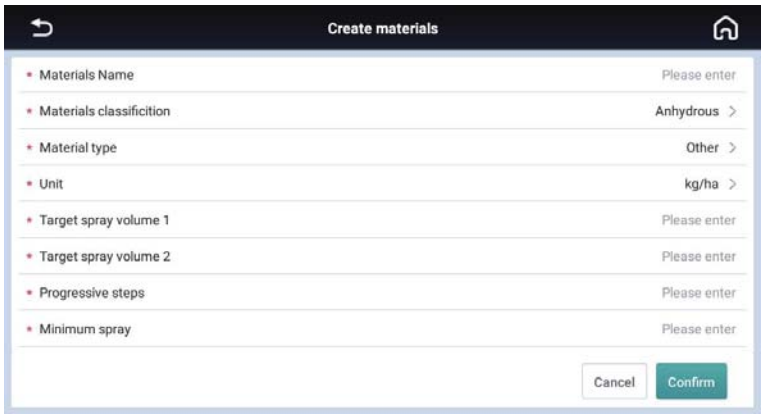
3. Once set the password for selected settings, it is necessary to enter the password when do some operations.



6.17 Materials

Go to [Settings center -> Agricultural management -> Materials]. Manage spraying equipment and materials on this interface.

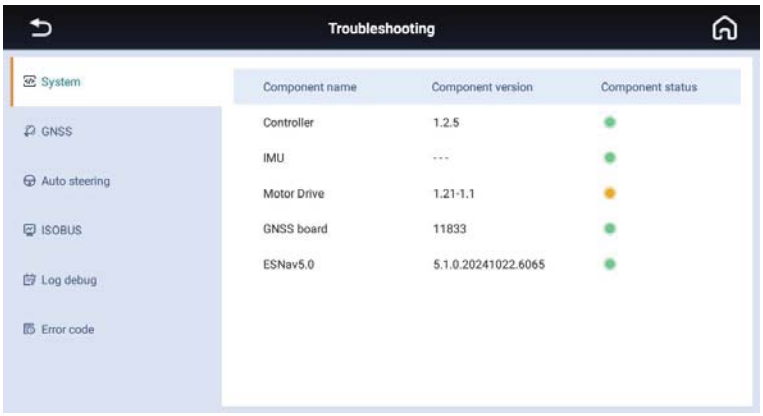


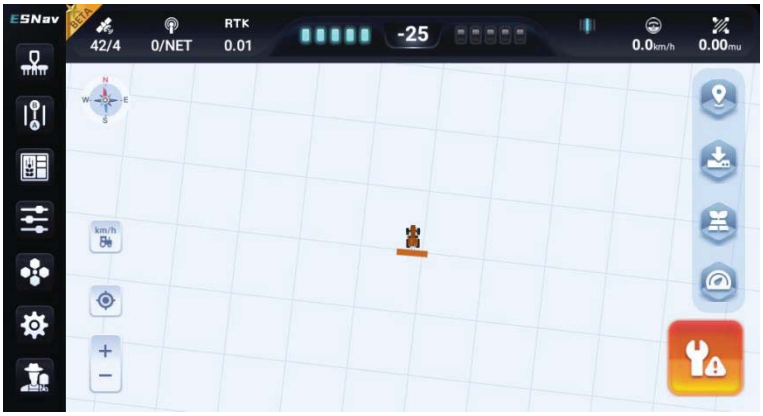


6.18 Troubleshooting

Go to [Settings center -> Agricultural management -> Troubleshooting].

When encountering a malfunction, please check the information of each module on this interface and provide it to EFIX engineers.





7 Maintenance

1. To ensure the normal operation and service life of the equipment, please maintain the equipment under the instruction of the manual.
2. Please do not disassemble the main components of the system. If necessary, please contact the EFIX after-sales service support@efix-geo.com.
3. Please use device under the instruction of user guide.
4. Regularly check each screw, wiring harness and connector of the system, such as controller fixing screws, angle sensor fixing screws, data cable connectors, etc.
5. Keep the motor clean.
6. Maintain the environment in which the motor is used. Please do not wrap materials such as cotton cloth and dustproof film on the motor.
7. Before starting the work, check whether the transmission device is flexible; whether the concentricity of the coupling is standard; the flexibility of the gear transmission.

EFIX Geomatics

1st Floor, No. 258 Pingyang Rd., Minhang

District, Shanghai, 201102, CHINA

Tel: +86 15021007664

Email: sales@ efix-geo.com |support@ efix-geo.com

Skype: support@efix-geo.com

Website: www.efix-geo.com

FCC warning statements:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

The device has been evaluated to meet general RF exposure requirement This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.
This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.