



## NEW PRODUCT HIGHLIGHT

### TELEMATICS SLAB SCISSOR LIFT CONTROL SYSTEM

The Telematics Slab Scissor Lift Control System is a paired set of a Platform Control Unit (PCU) and Electronic Controls Unit (ECU) with integrated GPS and telematics module which connects via 4G wireless network to a cloud network. This enables asset management, remote monitoring and operation.

#### APPLICATIONS

- Mobile Industrial Equipment – Slab Scissor Lifts

The addition of 4G wireless and GPS data to controllers enables access to equipment information remotely as a digital twin of the system. Leveraging the Internet of Things (IoT) technologies in mobile industrial applications, equipment managers can now provide preventive maintenance based on sensor data from the lifts, and ensure safe operation by using features such as virtual fencing and remote operation.

#### HOW TO BUY

This is available as a custom solution since 4G wireless and supervisory control software must be purchased for specific use in each region. Please contact the product management or field applications team to tell us more about your application and needs.

<https://www.sensata.com/contact-us>



#### PLATFORM CONTROL UNITS (PCU)



##### USB PORT

Conveniently charge mobile devices while on the platform



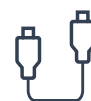
##### ADDITIONAL BUTTONS

More options to connect more functions to PCU



##### CANopen

Standard communication protocol



##### ADDITIONAL CONNECTOR

For collision avoidance with ultrasonic sensor

## ELECTRONIC CONTROL UNITS (ECU)



### GPS MODULE

Integrated GPS module enables asset tracking and virtual fencing capabilities



### 4G CELLULAR MODULE

Integrated cellular module enables remote monitoring and operation



### TILT SENSOR

Integrated tilt sensor provides safety



CAN Open vehicle network connects GPS, Battery Management Systems (BMS), motor controllers and sensors



### HIGH PERFORMANCE

Optimized design with powerful core controllers and unique algorithms for load calibration

### FUSA DESIGN

Designed for functional safety and compliance to ISO 13849



### RICH CONTENT DISPLAY

Large LCM display capable of supporting foreign language characters



### DATA LOGGER

Supports logging data with date and clock



### CoDeSys SOFTWARE

Open-source software platform integration for some scissor lift platforms to provide convenience of machine function programming at customer system level

*\*Photos do not reflect the final product, as it can be customized.*

## CONTACT US

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