



# ELEVATE SAFETY WITH **GOUPSAFELY™**

**REVOLUTIONIZING**  
High Voltage Protection  
for Aerial Equipment

Protect your team and equipment from dangerous high-voltage electrical hazards with Protective's GoUpSafely™

Engineered to safeguard both personnel and machinery from high voltage dangers, GoUpSafely™ offers unparalleled protection with its patented High Voltage Detection System.

With its advanced detection capabilities, GoUpSafely assists in preventing contact with HV sources, ensuring uninterrupted productivity. Elevate your safety standards today with GoUpSafely™, the trusted solution for safe operations near power lines.

## Key Highlights



Detect Overhead Powerlines



Electrical Hazard Prevention



Easy Retrofit Installation



Auto Stop Motion Feature



HV Source Contact Avoidance



Personnel Protection



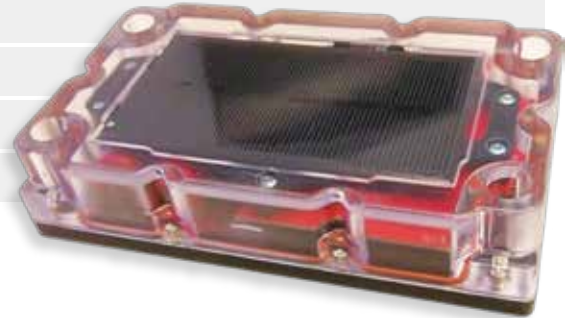
Machinery Safety



Uninterrupted Operations

## Technical Specification

Detection Type:	Microprocessor Filtered Capacitive Non-Contact
Detection Voltage:	415 V to 500 kV 50 Hz / 60 Hz Alternating Current
Output:	LED indicator light and buzzer options
Frequency:	2.4Ghz ISM Band, Low Power
Communication:	EQ Wireless®
Battery Life (without solar charge):	30 Days
Charging time to full charge (solar):	22 Hours*
Communication Range:	>50 metres



## Frequently Asked Questions (FAQ)

### What distance does GUS detect at?

GUS detection distances are dependent on the line voltage. The stronger the e-field, the longer the detection distance

### Are detection distances configurable?

Yes, however we do the configuration from the factory, so requirements would need to be conveyed prior to purchase.

### How are the sensors powered?

The sensors are solar powered, which feeds a battery in each sensor and lasts for 30 days. If the sensors are in the sun, they will be charging.

### How do the sensors communicate back to the control unit?

The sensors communicate via a proprietary 900mhz ISM band Mil-Spec protocol meaning it will not cause any radio interference.

### What types of machines will GUS provide protection for?

GUS has been applied to cranes, excavators, tipper trucks, fire trucks, pavers, concrete pumps and bore drills. However, its application extends beyond these examples. Typically, any equipment that might come into contact with HV sources can be fitted with GUS technology.

### Has the system been environmentally tested?

Yes. The system is IP67 rated and has been tested in environmental labs on multiple continents to operating temperatures ranging from -30 to +85 Celsius, including vibration, dust and impact.

### How are the GUS sensors affixed to the machine?

Sensors can be mounted with bonded or welded threaded studs, metal brackets or magnets. The sensors are mounted on custom designed rubber sensor 'legs' that have some flexibility for impact protection.

### Is control integration required? What if it isn't needed?

We have sold many 'indication only' systems and are able to offer multiple alert mechanisms (i.e., Control panel, light pole, siren, etc.).

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**DISCLAIMER:** Electrical incidents may result in injury or death. Use of multiple systems reduces risk of incident and GoUpSafely should be used as an operator aid and backup system only. It is not a substitute for suitable experience, training, safe work procedures and due care. The information contained on this brochure is of a general nature only. It should not be relied upon to assess risk so you must separately assess and verify risks before use. GoUpSafely capabilities and operation is dependent on correct system selection, firmware, setup and installation and maintenance by appropriately qualified and authorized personnel. For further information on whether the system is right for you please contact our sales staff. For details on the product capabilities see the relevant Product Manual.