

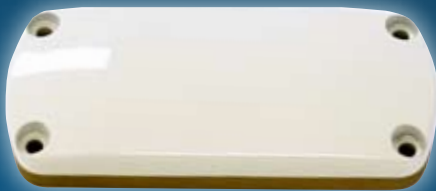


Compact  
Easy to install and use  
Reliable  
Affordable  
End-to-end solution

## GUARDIAN | 3

Guardian uses Iridium and Globalstar satellite coverage to provide flight following and asset management products and services to aircraft operators worldwide. Guardian products offer the industry's best value in a high-performance complete flight tracking solution that is easy to use and requires little to no installation.

Unlike other tracking products, Guardian 3 devices transmit on take off and landing, giving accurate trip summaries.



*Externally mounted antenna*



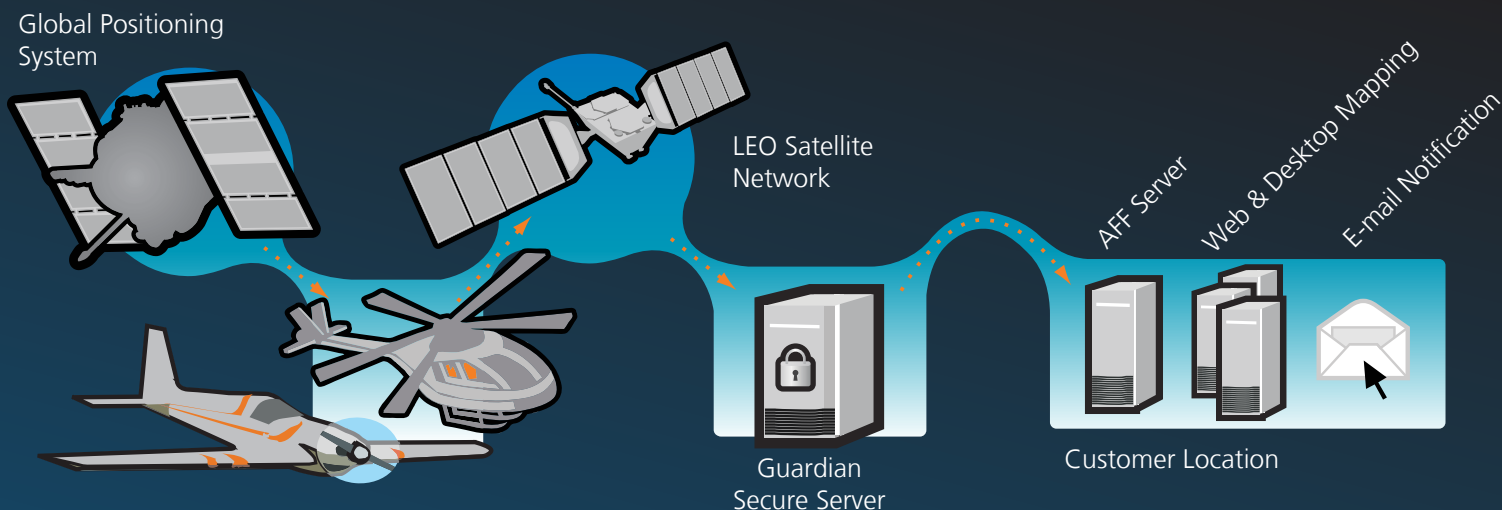
*Patch antennas*



*Standard enclosure*

### Features

- Automatic transmission on startup, takeoff, landing and fixed intervals.
- Remote configuration enabling you to optimize costs for every situation.
- Position mark lets you identify important points on the fly.
- Position updates as fast as 1 minute.
- 3 antenna configurations: internal mount, external mount and portable antennas.
- Works with Guardian Mapping, for access to simple or detailed map views and reports from virtually anywhere.
- Authorized for AFF use.



Guardian 3 includes everything you need for tracking aircraft: hardware, access to our secure message server, airtime plans, and advanced web-based and mobile mapping. Guardian 3 uses a high performance GPS receiver integrated with a satellite transmitter to send position, speed, heading, and altitude information to keep track of pilots and aircraft.

### COMMUNICATIONS

Available on both the Iridium and Globalstar networks. LEO Satellite Transmitter, integrated GPS receiver, remote configuration, ability to remotely 'ping' location.

### CONFIGURATIONS

Transmit one position automatically every 1 minute or every 2 minutes. Transmit positions at custom time intervals and on events.

Intelligent, self-adapting location transmission can acquire and transmit only the most significant data points, including in, out and on times.

### POWER

Flexible power requirements with operation from multiple power sources from a 9V to a 28V on-board source.

### MAPPING

Guardian Mapping can meet your various business needs. Whether you need simple one-click mapping, or more in-depth mapping with additional reporting functions, we have what you need. Our Mobile Edition is ideal for the operator who needs to see the fleet from a PDA or SmartPhone.

### PHYSICAL

Greater ceiling: 51 000 ft.  
Speed threshold 750 kts.  
Operating temperature range: -30°C to +60°C.  
Standard enclosure meets FAR 25.853

### GPS

High performance GPS receiver: 12 channel, -156 dBm sensitivity.

### APPROVED FOR AFF

Guardian is an approved supplier of location information to a number of government AFF control centres. Guardian is authorized to deliver data messages to USDA National Fire Safety Centre, and fire control centres in Canada.

### DIMENSIONS

The Guardian 3 has two types of enclosures. They measure:

- Standard enclosure: 115 mm x 70 mm x 45 mm, and weighs about 400 grams (1 lb)
- Slim enclosure: 25 mm x 100 mm x 158 mm and weighs about 300 grams (0.75 lb)



*Slim enclosure*

## Contact us...

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