



### Axonn AxTracker - Simplex Modem

The AXTracker is a battery-operated, self-contained telemetry device designed to communicate via the Globalstar satellite network, capable of providing cost-efficient and reliable asset tracking and fleet management in remote regions.

Comprised of [Simplex Transmitter Unit](#) and set in a compact, rugged enclosure designed to attach to the top of a cargo container, railcar or trailer, the AXTracker sends information at preset intervals to a Globalstar satellite which relays the information to ground stations. The information is then available via the Internet.

The device is delivered complete and ready-to-go with no need for an external antenna or power source, as the AXTracker differentiates itself by offering exceptionally long battery life, as well as easy installation and coverage throughout most of Globalstar's one-way simplex communication provides the lowest cost per message anywhere.



### Simplex Modems: AXTracker MMT

The next generation product, the AXTracker MMT, is a totally wireless device that combines the latest Globalstar Simplex satellite, GPS and RF technologies with innovative battery design to deliver a “place-and-play”, long service life solution.

The AX Tracker MMT is the most affordable, smallest and lightest simplex transmitter. Simplex devices are transmit only, data modems that can be programmed to send a short message (data) through the Globalstar network to an end location, via a website or to an email address.

- **Affordable** tracking and monitoring solution for remote assets. Hardware priced below competing wireless devices.
- **Low maintenance:** Approximately 8 years battery life based on two message transmissions per day
- **Global Operation:** Outperforms GEO and LEO low-frequency devices

- **Valuable Information:** Location, door, temperature, cargo and motion data
- **Multiple Reporting Configurations:** Based on “in-motion” or stationary status
- **Rugged Construction:** Operates in extreme temperatures and conditions
- **Easy & Inexpensive to Install:** Easily mounted with automotive adhesive tape or screw mounting
- **Ease of Integration:** Products easily configured to fit your wireless solution



#### Simplex Modems: Transmitter Unit (STU)

The Globalstar Simplex Modem or Simplex Transmitter Unit (STU) is designed to deliver reliable digital data communications for remote sensing and monitoring applications. The STU is a low cost, simplex device that allows packet-switched data to be sent automatically (on a time or event driven basis) from remote locations where alternative communications systems are unavailable or prohibitively expensive.

The unit can monitor a wide range of assets including liquid petroleum gas (LPG) tanks, water tanks, pipelines, electricity meters and sea or land containers.

The STU is provided on an OEM basis and can be easily incorporated into a remote data solution. To integrate this product, please review the [Globalstar OEM Certification Process](#).



#### Guardian Mobility: Innovations in GPS Tracking

Guardian Mobility provides a range of specialized asset location services that are designed to increase situational awareness, save time and provide peace of mind by providing innovative and strategic tracking solutions. Our products make wireless data communications available to new applications through their affordability, ease of use and dependability.

### Applications for Land and Air

Guardian Mobility introduced two dependable high performance products:

- **Skytrax:** GPS tracking designed for General Aviation. Guardian Skytrax3 delivers the lowest cost aircraft tracking solutions for situational awareness and peace of mind.
- **Tracer:** GPS tracking designed for locating people and assets. Tracer is easy to

use, simple to deploy, and adaptable to your needs.

**Our products are currently used in:**

- Forest protection applications
- Charter and agricultural aircraft fleet tracking
- Tracking marine vessels
- Unattended surveillance and monitoring installations
- Remote site security
- Lone worker safety

**Solutions that Work**

Both products are combined with custom service packages that include:

- Airtime
- Message access
- Real-time web mapping.

Guardian Mobility is your single point of contact for the complete package to facilitate rapid deployment with minimum effort. Guardian also provides a single point of contact for all customer and technical issues regarding our products and associated service plans.