

## Low Cost Satellite Blue Force Tracker Integrated with LifeRing

Tracking and Integrated Communications when beyond Terrestrial Communications

There is a need to keep track of resupply vehicles, aircraft, ships and personnel when they are beyond terrestrial communications coverage. Furthermore, this Blue Force location data needs to be integrated into the COP for all interfacing C4ISR systems to view. LifeRing meets this need through satellite tracking tags.

This is how it works - A LifeRing integrated SPOT tracking tag receives GPS location information and reports its location to the GLOBALSTAR satellite which then sends the received data to the GLOBALSTAR Ground Station which subsequently sends that data via IP to the LifeRing Server which encrypts the data and makes it available on the LifeRing Network. SPOT communications cover almost all of the earth. The SPOT Satellite tag reports its location every 5 minutes. The SPOT Trace Tags are low cost, less than \$100.00 to purchase and low cost to use with an annual use fee of ~ \$200.00 for unlimited use. There is also a slightly more expensive annual fee SPOT Trace Tag plan that provides reports every 2 1/2 minutes.



While SPOT satellite communications is a very low cost, it is a receive only.

At more expense, this limitation can be overcome through use of two way encrypted LifeRing Smartphone/PC communications using Iridium GO! or Thuraya satellite devices for data messaging.

Iridium GO! Devices are available for \$800.00 and unlimited data plans cost less than \$150.00 per month. Thuraya is considerably more expensive.

Since the procurement costs associated with Spot and Iridium GO! are low and their power usage is low, either of these devices can provide a very cost-effective means of providing Blue Force Tracking that are seen by all on a LifeRing Integrated (Mil radios / MANETs / Sat / Cellular) network.



Iridium GO!  
WiFi/Satellite/LifeRing  
Interface  
Worldwide coverage  
L (3.22"), W (4.69"), D (1.32")



Thuraya SatSleeve  
Provides Coverage of  
much of the world

### LifeRing – A Complete C4I Everywhere!

To download an evaluation copy of LifeRing, go to: [www.agisinc.com/download](http://www.agisinc.com/download) or email us at [support@agisinc.com](mailto:support@agisinc.com). All other inquiries, please contact Jason A'Hearn [jahearn@agisinc.com](mailto:jahearn@agisinc.com) or Cap Beyer at [beyerm@agisinc.com](mailto:beyerm@agisinc.com) or by phone at 561-744-3213.