



# C.O.P. NEWS

## COMMON OPERATIONAL PICTURE

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### LifeRing puts a Tactical Operations Center in your Hand!

#### OTM LIFERING OFFERS:

Very Low Cost,  
Conveniently Small using:  
• Smartphones  
• Laptops  
• Tablets  
• PCs  
Server to Server  
Server Failover

#### MANY LEVEL USAGE:

Individual  
Soldier/Marine  
Squad  
Platoon  
Company  
Battalion

#### COMPATIBLE WITH:

Military Radios  
AGIS Low Cost MANET  
Other MANETS  
Private Cellular  
Iridium and other Satellites  
Mesh Network  
Any combination of the above



#### CONTACT US TODAY

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## LifeRing Can Enable different C4I Systems, Communications and Devices to be Interoperable

### C4I Systems Interoperability

In addition to being a C4I system, LifeRing can act as both a translator and an information forwarder providing interoperability between different C4I systems and devices. AGIS' LifeRing Server enables communications between most of the US and NATO ground systems. This includes: GCCS, JCR, SARIR, AFATDS, CPOF, Nett Warrior, ATAK and other systems using OTH Gold, NFFI, and New - JVMF 6017A.

### Communications Interoperability

By providing automatic adjustment for differing data rates and communications hardware the LifeRing Server is able to resolve data load differences including, when necessary, automatic reduction in image transfer sizes. This enables cellular systems operating at 24Mbps to interoperate with small Iridium satellite terminals operating at 2.4 Kbps.

### Device Interoperability

AGIS LifeRing operates on PCs, Android Smartphones and (New- iPhones and by special order on Blackberry Smartphones). These devices can interoperate Public cellular, Private cellular, Various MANETS (including AGIS' low cost MANET), Satellite (including Iridium, Inmarsat and Thuraya), and Some P25 and military radios.

### Encryption Interoperability

LifeRing operates with one of three types of encryption: 1. Built-in private encryption or 2. AES 256 bit FIPS-140 encryption or 3. New-NSA's Commercial Solutions for Classified (CSFC). Furthermore, AGIS is compatible with other encryption software and hardware. The LifeRing Server provides interoperability between these encryption methods. However, care must be taken to assure security requirements are met.

### LifeRing Enables Interoperability Between different C4I Systems, Communications and Devices

#### Real World Testing

Our C4I Systems Communications, Device and Encryption interoperability is constantly being tested during different Army, Special Forces and Navy Exercises and by US Agencies, our customers and allied foreign companies. If you are interested in LifeRing, we will be pleased to have you test our software's ability to meet your requirements.

- Provides Interoperability between GCCS, JCR, AFATDS, Nett Warrior, ATAK, NATO and Others
- Operates on Public cellular, Private cellular, Various MANETS (including AGIS' low cost MANET), Satellite (including Iridium, Inmarsat and Thuraya), and some P25 and military radios.
- PCs, Android Smartphones, iPhones and Blackberry
- PTT and Hook to Talk with Other Participants
- Full Motion Video from Android camera
- Enter and Attach Text and Photographs to Symbols
- Create Geo-referenced Whiteboard Drawings
- Send Messages and Chat
- Declare Need for Emergency Response
- Overlay and Display various Maps and Satellite Images
- Digital Geo-fences Crossing Alerts
- Transmit and receive Commands
- Utilizes AES 256 bit FIPS 140-2 for First Responders
- NSA's commercial Solution for Classified (CSFC) for US Secret

### Communicates using Military/ LMR radios, Cellular, WiFi and Satellite in any combination.



### Discussion or Evaluation

If you are interested in discussing how AGIS can provide Interoperability for your C4I Systems or evaluation of a full capability LifeRing system software package with no obligation, please contact: Michelle Morris at [mmorris@agisinc.com](mailto:mmorris@agisinc.com) or call AGIS at 561-744-3213.