

MDDL Messages permit Army CPI2 Satellite Use for Vehicles On-The-Move

Backup & Redundancy with Hand-Over Comms

WASHINGTON, D.C., USA, February 5, 2021 /EINPresswire.com/ -- In January 2021, the U.S. Army Product Manager for Command Post Integrated Infrastructure (CPI2) announced a need for more survivable command posts that are mobile, that could enable multiple Army operations, have built in redundancy for continuous operations, and a reduced physical footprint. In addition to an improved expeditionary mobility, the solution would

incorporate camouflage and concealment to improve signature management. The Army is now interested in scalable and integrated mobile command posts that can execute uninterrupted missions, including communications on-the-move. This solution will be designed to work at the Brigade and Battalion echelons and across Mobile Command Groups for Corps and Divisions echelons.

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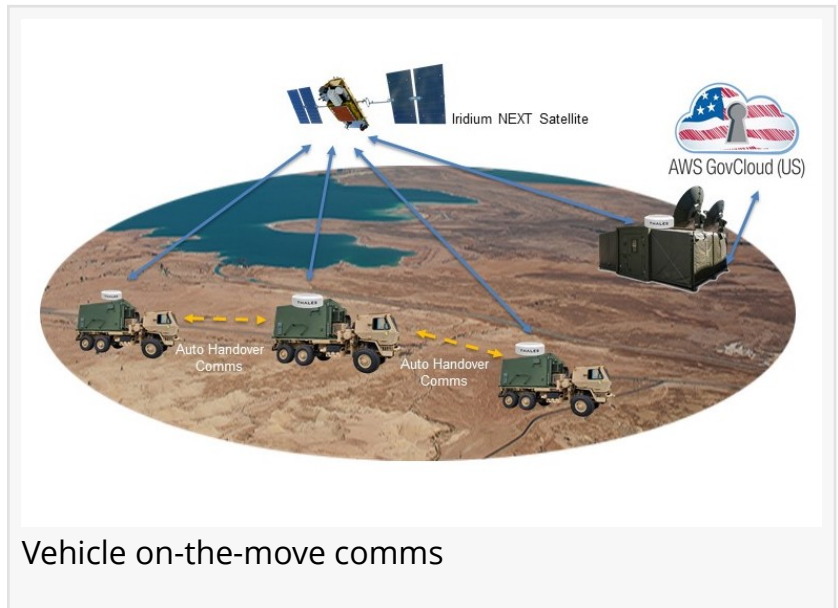
the MDDL feature supports satellite communications for vehicles on-the-move, and it automatically activates communications from vehicle-to-vehicle in the event of a satcomm failure.”

Cap Beyer, CEO

In February 2021, we announce that the AGIS LifeRing solution is available for the Army to test, evaluate and prove. Our Multi Domain Data Link (MDDL) approach uses lightweight 12-inch diameter, 7 lb. [Iridium Next Thales](#) satellite transceivers along with a remote AWS GovCloud server to provide communications between on-the-move vehicles to overcome most of the terrain issues. Further, if satellite communications were to fail, an automatic

software handover occurs for vehicle-to-vehicle communications using L3Harris or other military communications. The L3Harris integration with LifeRing has been tested and proven and LifeRing has also been tested with a lower data rate Iridium. See

<https://www.thalesgroup.com/en/markets/market-specific-solutions/mobile-satellite-services>.



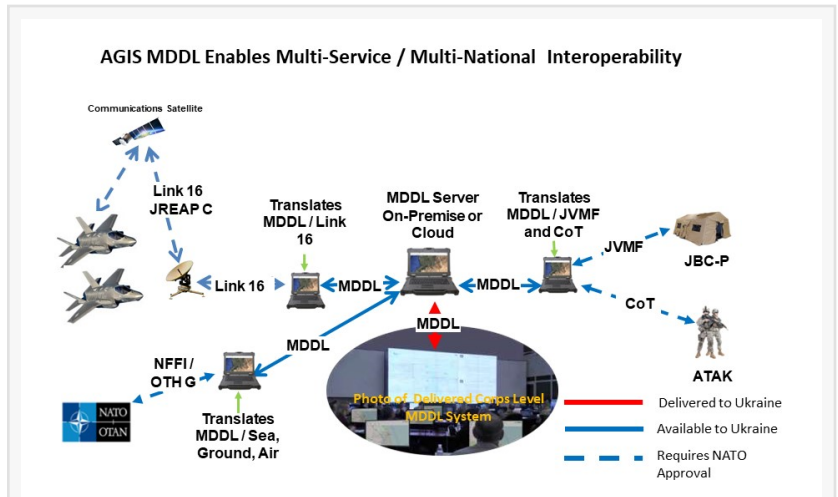
This Iridium Next satellite constellation currently provides worldwide civil aviation communications, where reliance and dependability on the system carries serious international implications.

AGIS has begun exploring potential teaming arrangements with other companies in order to put together a very low-cost demonstration or prototype that can be used by any service branch of the DoD. In addition to showing reliability, flexibility, and scalability, AGIS is able to demonstrate the benefit of drastically reducing RF Targeting by hostile forces with this solution.

To download an evaluation copy of the LifeRing Thick Client App, go to: <https://www.agisinc.com/download> or email us at support@agisinc.com.

For a Cloud-based WEB version of the software, go to <https://www.liferingmilitary.com>.

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MDDL Interoperability

Summary - Sensors / Radios / C4I / Weapon Systems Integration
 LifeRing Basic Capabilities are Non-Developmental and available now.*

Sensors

- Integrate Broadcast Service
- Radios Ground and Other
- AIS
- UAVs
- Laser Target Designators
- Satellites (Imagery and SAR)
- Airborne Collection Platforms
- Covert Tracking Tags
- Goggles
- PIT Headsets
- External Cameras
- Radiation Sensors

Radios

- Many Different Military Radios
- 1st Responder Radios
- Iridium Satellite
- Thuraya Satellite
- BGAN Satellite
- ViaSat M2M
- Various MANETS
- Cellular (Including 5G)
- Band 14 Cellular

Unified Comms with a COP

C4I Systems

- Interoperates with AFATDS and with other C4I Systems
- Ground (JVMF, CoT)
- Aircraft (Link-16, SARIR)
- Ship (OTH Gold, Link-16)
- NATO (NFFI, NVG, ADEM, APP-11D, JCHAT)
- Translates and forwards Data between C4I Systems providing all a COP and Target data

Weapons Systems

- AFATDS (JVMF)
- CWCS
- Infantry (JVMF, CoT)
- Fighter Aircraft Link-16
- Ships OTH Gold / Link-16

*AGIS will need Sensor feeds and U.S./NATO C4I systems' availability to demo some features 14

Unified Comms COP-Common Operating Picture

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