

Next-Generation ISR

Next-Generation ISR (NG-ISR) offers warfighters seamless, persistent, bidirectional air-ground video connectivity that greatly speeds up the tempo of operations and allows users to switch between Line-of-Sight (LOS) & Beyond Line-of-Sight (BLOS) instantaneously without buffering or loss of data. NG-ISR leverages Persistent's Cloud Relay™ solution, which extends the company's powerful Wave Relay Mobile Ad hoc Network to BLOS over 5G/4G/LTE, SATCOM, or Standard Internet.

By utilizing Wave Relay and Cloud Relay networks for data transmission, low-SWaP NG-ISR eliminates the need for special receiver equipment and reduces the warfighter's cognitive load.

Enhanced Capabilities



Enables multiple users to receive real-time video from anywhere on the network regardless of their physical location



Provides multi-use datalink for voice communication to sensor operator



Enhances EW LPD:
Video not transmitted when user isn't watching (IGMP Pruning)



Enables camera control by the user



NO NDA REQUIRED

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Benefits

- Enhanced decision-making capabilities by delivering real-time video and data from aerial assets, ground troops, and maritime assets
- Auto-Discovery of video feed and camera control
- Seamless and instant transition between LOS to BLOS
- Increased “sensor-to-shooter” speed
- Wave Relay TAK Plugin support
- Robust Network Security
 - AES 256-Bit Encryption
 - Software-Based Electronic Warfare Hardened (Interference Resilience & Defense - IRD)
 - Compatible with Type-1 in-line encryptors
- Reduces the operator’s physical and cognitive burden
 - No additional hardware or activation fees
 - Carry less, do more!
- ITAR-Free



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