WIDE-AREA MOTION IMAGERY INTELLIGENCE

Providing context to signals intelligence

Wide-area Motion Imagery (WAMI) provides more information for analysts to see what's happening, in real time, to help understand a surveillance situation and its complexities. The motion imagery intelligence adds context to signals intelligence by creating a visual picture of the surveillance situation.

SEE THE BIG PICTURE

Intelligence, security and law enforcement operations need real-time situational awareness. WAMI provides context or visual representation of the data collected on a multi-intelligence (multi-INT) surveillance pa coverage area and provides tipping and cross-cueing to other airborne and ground-based sensors. As other sensors collect data, those inputs can be used to correlate another area of interest or

CAPABILITIES AND MISSIONS

L3Harris' WAMI capabilities improve the real-time situational awareness during a surveillance mission. Our onboard processing and downlink capabilities speed up the time between data collection and the analysts' dashboard. With WAMI, areas of interest are streamed from the aircraft to the ground station in a standard format that can be viewed by multiple analysts with any full-motion video player.

The wide-area coverage and persistence of L3Harris' WAMI allows analysts to see events that are happening concurrently and establish interconnected patterns of life, including social interactions, destinations and origins of travel. Collecting WAMI data over time allows analysts to collect valuable intelligence for both tactical and strategic planning. The intelligence helps analysts:

> Observe vehicle tracks and traffic

> Study patterns of life

> Identify nodes of activity

> Identify anomalous behavior

> Use patterns and trends to anticipate behavior

TRACKING

Real-time, onboard tracking enables more advanced features like virtual watch boxes and trip wires. L3Harris motion analytics identify triggers, like a moving target crossing a virtual line into a danger zone, or that an event has occured. The WAMI sensor will be tasked immediately to begin tracking motion around that occurrence to give analysts information about what is happening.

More advanced motion analytics include the detection of spethttacuf spl (t)-(,-46 (y t)2.5 ( )9.7 (o a da)- (p)-4c)3 (u)9m(f s)(4c)-9.8 (t)2.5 uatt9hctis