

# Kongsberg Geospatial and Iris Automation Partner to Bring Complete Airspace Visualization to BVLOS Drone Operators

*Aviation visualization leader Kongsberg Geospatial integrates Casia G ground-based DAA system to support BVLOS UAS operations without visual observers*

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[/EINPresswire.com/](https://EINPresswire.com/) -- Kongsberg Geospatial (KG), developer of the IRIS Terminal airspace deconfliction platform, has partnered with Iris Automation to provide visualization of intruder aircraft detections made by Casia G, its ground-based DAA system. This facilitates Beyond Visual Line of Sight (BVLOS) UAS operations by providing situational awareness to remote pilots (RPIC) of potential air risks.



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*Jordan Freed, President of  
Kongsberg Geospatial*

provides the BVLOS UAS operator complete visibility of their operational airspace in real time, reducing their cognitive load and supporting their decision making. When intruder aircraft are identified, Remote Pilots In Command (RPICs) can move their UAS to safe zones, ensuring safe and efficient execution of operations – without visual observers. This functionality fulfills the airspace deconfliction requirements that drone operators need to comply with when conducting BVLOS operations.

IRIS Terminal, now in its second generation, has been adapted from its defense origins to the enterprise UAS sector for visualizing airspace traffic, as well as controlling uncrewed systems in its GCS format. Ownship, cooperative, and non-cooperative traffic are all visualized inside IRIS

Terminal's multiple viewing configurations, along with useful features such as DAA sensor footprints, terrain awareness, or potential conflict warnings. Where the same aircraft produces multiple tracks (one track per sensor), IRIS Terminal's 'smart correlator' feature correlates these multiple tracks into one single track to ensure the UI remains uncluttered and the operator can focus on the work at hand. Kongsberg also offers a limited capability version, IRIS Lite, both of which are available to Casia G clients via Kongsberg Geospatial.

"Kongsberg Geospatial's IRIS Terminal is one of the premier airspace visualization software providers globally. Combining this with Casia G has a dramatic effect in minimizing pilots' workload and providing the critical information required for optimal decision making while flying BVLOS", explained Jason Hardy-Smith, VP of Product at Iris Automation.

"Iris Automation is a prime example of a market-leading technology company that is bringing solutions to the complex problem of detect and alert," said Jordan Freed, President of Kongsberg Geospatial. "Providing a fully integrated system for customers is an important solution for the next stage of widespread BVLOS operations."

To learn more about Kongsberg Geospatial, visit their website at [www.kongsberggeospatial.com](http://www.kongsberggeospatial.com).

About Iris Automation: Iris Automation is dedicated to creating an aviation environment where no two aircraft ever collide mid-air. We leverage innovative AI-based vision technology that enables uncrewed and crewed aircraft to mitigate the risk of airborne collisions - vital for safe, scalable, and efficient operations across countless industries. Iris' onboard and ground-based Casia systems give operators the reliability needed to safely navigate an increasingly complex and congested airspace. We work closely with civil aviation authorities globally as they implement regulatory frameworks to advance safety and efficiency in aviation.  
[www.irisonboard.com](http://www.irisonboard.com)

About Kongsberg Geospatial: Based in Ottawa, Canada, Kongsberg Geospatial (<https://kongsberggeospatial.com>) creates precision real-time software for air traffic control, UxS, and military situational awareness. The company's products are primarily deployed in air-traffic control, Autonomous vehicles, and air defense solutions. Over three decades of providing dependable performance under extreme conditions, Kongsberg Geospatial has become the leading geospatial technology provider for mission-critical applications where lives are on the line. Kongsberg Geospatial is a subsidiary of Kongsberg Defence & Aerospace.

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