

Kongsberg Geospatial Integrates with MicroPilot to Enhance BVLOS



Kongsberg Geospatial, a geospatial visualization software company, and MicroPilot, who operate professional UAV autopilots, has announced that the Kongsberg Geospatial IRIS UxS Fleet Control Station has been integrated with the MicroPilot MP2x28 series of autopilots to enhance the ability of UAV operators using MicroPilot autopilots to conduct safe BVLOS operations.

The Kongsberg Geospatial IRIS UxS Fleet Control Station technology enables multiple drones to be monitored and controlled simultaneously by a single operator and provides real-time calculation of aircraft separation, airspace monitoring alerts and communications line-of-sight prediction to enable 'detect and avoid' for safe BVLOS operations. IRIS FCS integrates a variety of real-time data feeds including ADS-B, local radar and National

Airspace Feeds to calculate warnings. IRIS provides real-time 2D and 3D visualization of airborne track and weather data, as well as geofencing capabilities.

MicroPilot develops and manufactures highly reliable autopilots for fixed, rotary wing and hybrid UAVs, including the triple redundant MP21283X. In addition, MicroPilot produces a number of support products which enable customers to use their development time as efficiently as possible and bring their products to market faster. These products include the trueHWIL2, the highest fidelity UAV autopilot simulator available, and the XTENDERmp software development kit.

"Reliable, and innovative operator control solutions supported by real-time airspace visualization is key to expanding BVLOS operations safely and effectively," said MicroPilot's President, Howard Loewen.

"We're very pleased to be working with a world-leading autopilot provider like MicroPilot" said Ranald McGillis, President of Kongsberg Geospatial. "Their expertise in miniature autopilots and their market leading position provides an excellent use case for our technology."

For more information, visit www.kongsberggeospatial.com.