



*Caption: ARTEMIS airborne capabilities are available for use on manned rotary and fixed-wing platforms and drones. Images show ARTEMIS integrated with Open Sight Mission Console software specifically designed by FlySight to provide support for payload operators in airborne scenarios*

*Video Support: <https://vimeo.com/763727006>*

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## **Smith Myers ARTEMIS announces integration with FlySight Open Sight Mission Console software**

***Global roll out of ARTEMIS product suite focused on SAR role continues with FlySight collaboration.***

***Latest announcement in 35<sup>th</sup> anniversary year by Smith Myers at EUROPEAN ROTORS, the VTOL show and safety conference, 8-10 November 2022, Cologne, Germany***

*Meet with our team at EUROPEAN ROTORS 2022, 8-10 November, Cologne, Germany (Hall K\_H8 / 1610) and FlySight (Hall K\_08/1214)*

*Immediate release: 26 October, 2022: Biggelswade UK/Livorno, Italy:* [Smith Myers](#) announces that its [ARTEMIS](#) Mobile Phone identification, geolocation and communication sensor is now available as an integrated airborne search solution with [FlySight Open Sight](#) Mission Console software.

The agreement, announced ahead of EUROPEAN ROTORS, combines OpenSIGHT-mc and ARTEMIS for deployment in SAR/ISR missions, where the augmented reality engine can be used to optimise search results.

Designed to work with any FlySight hardware options ARTEMIS can detect a phone at extended ranges and provide unique capabilities such as mass-mapping and geofencing to minimise crew workload.

ARTEMIS turns any mobile phone into a rescue beacon, only requiring two antennas to generate a latitude/longitude fix at up to 19 nautical miles (35km), offering a radical and effective alternative to traditional airborne sensors:

- Texting and calls in no service areas
- Possible automatic cueing of EO/IR (Electro -Optical/Infra-Red)
- Deployment as a stand-alone with embedded mapping or integrate with leading mission system providers
- Making missions in low light/ IMC (Instrument Meteorological Conditions) safer and increasing the odds for a positive outcome
- Available in several SWaP configurations for manned/unmanned platforms

According to Andrew Munro, director, Smith Myers: “ARTEMIS allows the operator to search for and geolocate the mobile phones of persons in distress during search and rescue operations and natural disasters. The integration of the location information from ARTEMIS into OpenSight creates a clearer operational picture for the operator and simply put, leads to more positive outcomes.”

The collaboration is the first between Italian-based FlySight and UK-based Smith Myers, both deployed with customers globally across SAR and ISR applications, across rotary and fixed wing aircraft.

Andrea Masini, CTO of FlySight explained the system integration: “The same information can also be exploited directly by the augmented reality engine, where the georeferenced positions are overlayed directly on top of the video together with the localisation uncertainty, thus allowing the

operator to use the EO system to confirm the localisation outcome, and can be used to steer the turret automatically in order to frame the desired location, “

ARTEMIS has been in active service saving lives around the world. The global customer base includes deployment with the Royal Norwegian Airforce for Search and Rescue duties with the Leonardo AW101 SAR Queen, and has received many international awards, including the coveted Royal Aeronautical Society Silver medal..... Ends

Note to Editors:

**About: The FlySight team** provides solutions for the design and development of state-of-the-art C4ISR systems (Command, Control, Computer, Communication for Intelligence Surveillance and Reconnaissance). The solutions proposed are based on AI (Artificial Intelligence) approaches exploiting the latest cognitive signal processing and adaptive data fusion algorithms. Our applications are researched and targeted for avionics, naval and underwater sectors, providing geospatial situational awareness both for the on-ground and the on-board segments. Real-time PED (Processing Exploitation and Dissemination) is allowed by the integration of our products in already existing architectures thanks to the interoperability of our systems with STANAG and OGC (Open Geospatial Consortium) standards. Moreover, the adoption of Deep Learning methodologies coupled to Augmented Reality enables the definition of disruptive ISTAR (Intelligence Surveillance Target Acquisition and Reconnaissance) systems. [www.flysight.it](http://www.flysight.it)

**About: Smith Myers Communications Ltd** is an award-winning UK company specialising in the design, development, manufacture and support of application specific cellular network and handset capabilities for Network Operators, Government Agencies, Law Enforcement, Military, and Search and Rescue organisations. Awards include: Royal Aeronautical Society Silver Medal; ADS Security Innovation Awards, British Engineering Excellence Award, and ICCA (International Critical Communications) Award

For more information visit : <https://www.smithmyers.com/> and <https://www.artemis.smithmyers.com/>

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