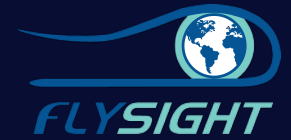




OPENSIGHT



OPENSIGHT integrated with FlytX® Retrofit for Police/SAR/Firefighting and Military missions

OPENSIGHT demonstrates its flexibility within another best in class product: OPENSIGHT coupled with FlytX Retrofit is proving to be the right solution when looking for a tactile large display flight deck with sensor exploitation capabilities.

The successful integration

FlytX Retrofit for Mission Helicopter combines piloting and mission information in front of tactical airborne operators. It upgrades helicopter flight decks with an innovative touchscreen display solution and connects with all your existing sensors. The future of aviation is now!

FlytX offers the ability to display OPENSIGHT Augmented Reality in primary field of view and interface with it directly through the 15-inch large touchscreen display (two-finger zoom/de-zoom, map displacement and scrolling); ensuring total segregation from the avionics world.

FlytX Retrofit for Mission Helicopter is a turnkey solution, affordable and easy to install in different-sized cockpit thanks to its 15-inch integrated modular avionics display hosting all computing functions. This unique property dispenses from the addition of dedicated mission LRUs and reduces weight, space and installation costs, in particular when OPENSIGHT is connected to FlytX retrofit using a rugged Tablet; just a matter of minutes!

THALES
Building a future we can all trust



Watch this footage with Flyght Software engineer Mattia Carpin in action at PAVCON 2022

www.vimeo.com/824680547

FlytX Retrofit addresses various helicopter models such as:

- AS550/AS355/H125/H125M, EC135/EC145, AS332/AS532
- B412EP / B412SP
- Mi-8/Mi-17
- UH-60A/L





OPENSIGHT Solution

OPENSIGHT is a software suite specifically designed to allow the development of innovative solutions for mission planning, execution, and debriefing. OPENSIGHT allows system integrators to manage information in a synthetic environment for an improved geospatial situational awareness. OPENSIGHT enables flexible customized solutions for system integrators and end-users in civil defence, police, military, and civilian industrial asset management. Basically offered as a Software Development Kit, it can also be extended with the Augmented Reality System and the Automatic Target Recognition tool. Additional turnkey solutions, ready to be installed, have been developed to address specific operational needs in defined mission scenarios. OPENSIGHT allows both the integration of new solutions from scratch and new fundamental capabilities in an existing legacy environment.

Once more, OPENSIGHT proved to be a well established solution for any system integrator's that want to bring superior situational awareness to their customers

About Thales

Thales is a global leader in advanced technologies within three domains: Defence & Security, Aeronautics & Space, and Digital Identity & Security. It develops products and solutions that help make the world safer, greener and more inclusive. The Group invests close to €4 billion a year in Research & Development, particularly in key areas such as quantum technologies, Edge computing, 6G and cybersecurity. Thales has 77,000 employees in 68 countries. In 2022, the Group generated sales of €17.6 billion.

In the field of aeronautics, Thales supports aircraft manufacturers, armed forces, airlines, operators, pilots, crews and passengers to make flying more eco-friendly, connected and safe. Cybersecure and connected systems designed by Thales enable airplanes, helicopters and drones to fly in all circumstances, and allow all elements of the aeronautical ecosystem to interface together, on the ground or in flight. Domains covered by Thales range from Flight Avionics (like FlytX® Retrofit) and In-Flight Passenger Experience solutions to Training and Simulation capabilities, along with all related support and service offerings.

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About FlySight

FlySight provides solutions for 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) system.

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