



ARASTELLE and ARQUUS present an innovative concept of a wired microdrone integrated on a vehicle at EUROSATORY 2022

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ARASTELLE presents at Eurosatory its innovative concept of wired power supply for micro-UAVs, integrated by its partner ARQUUS on a VAB MK 3 vehicle.

This innovative solution developed by ARASTELLE and integrated by ARQUUS allows the drone to remain in flight for as long as desired up to an altitude of 100m, reinforcing the surveillance and observation capacity by day and night. This solution offers higher performance than a mast, with a much smaller footprint, while providing additional tactical options for the UAVs deployed.

This compact system, which can be integrated into all types of new or retrofitted vehicles, will provide ground resources with an aerial capability and enable a micro-UAV to be deployed in 15 seconds with an automated take-off and landing procedure.

ARASTELLE's wireline power systems are dedicated to the micro-UAV class and offer the ability to convert an existing micro-UAV for captive flight without modification or alteration. With this additional function, operators can exploit the capabilities of their micro-UAVs without any autonomy limit, and benefit from a continuous observation solution at lower cost.

This solution is particularly relevant in the context of surveillance of a forward operational base or a long-term reconnaissance mission.

The ARASTELLE solution is adapted to the ANAFI USA micro-UAV from the French PARROT group, which already equips the French armed forces and many other governmental organisations and security forces.

The ARASTELLE solution completes the set of systems integrated on the ARQUUS VAB MK3, providing it with a vision capability beyond direct sight.

The ARQUUS stand is located in Hall 5A - F281.



About Arastelle

Arastelle is a French company specialising in energy storage, management and transmission solutions for robotic and aerial applications.

Our wired power supply solution for micro-UAVs allows easy and quick deployment of these aerial means, which are becoming more and more widespread among professionals, in order to carry out observation missions with no autonomy limit.

As an innovative company, Arastelle has joined the European Federation of Security Drones DRONES4SEC and is President of the College "Drones by wire supply".

Arastelle is a company supported by BPI France and the New Aquitaine Region.

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About Arquus

Arquus is a French Defence company, leader in land mobility solutions. A long-standing partner of the armed forces, Arquus has nearly 25,000 vehicles of all types in service with the French Army, of which 20,000 are supported by the company. Arquus is involved in the production of the new generation of front-line vehicles for the French Army, the VBMR Griffon and the EBRC Jaguar, produced by a joint venture.

As an innovative company, Arquus invests in major subjects such as architecture, survivability, mobility, energy, robotisation, fire support and support. As a complete system integrator, ARQUUS also offers remotely operated turrets (Hornet range, developed within the framework of the Scorpion programme), vetronics solutions (Battlenet), and mobility (4x4, 6x6 and 8x8 chassis). Arquus is present in more than 60 export countries.

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