

**ELETTRONICA@IDEX 2021 – Elettronica at the Leading EDGE**  
*Underlining its long and close partnership with the UAE Air Force,  
Elettronica is showcasing advanced aircraft self-protection systems at this  
year's IDEX Exhibition.*

Advanced air defence threats are spreading around the Middle East and wider world. Countries are buying state-of-the-art surface-to-air missiles and advanced radars which can threaten the success of air operations.

Combat aircraft must be protected with the most capable countermeasures available and be able to escort less well-defended aircraft through contested airspace.

Elettronica has over three decades' experience working closely with the United Arab Emirates Air Force (UAEAF). The company has been involved with an array of major UAEAF projects and this long partnership has ensured that the air force's personnel and platforms are robustly protected.

Demonstrating its commitment to the UAE and the wider region the company is once again attending the IDEX Exhibition held at the Abu Dhabi National Exhibition Centre between 21st and 25th February. Elettronica's stand (06-B15) will showcase its solutions, capabilities and products applicable to the air domain. Visitors can learn about the firm's use of advanced technologies including artificial intelligence, machine learning and cyber security and how these provide state-of-the-art services and products used by air forces.

## **EDGE**

Elettronica has employed this expertise and technology in the company's EDGE escort jammer. The EDGE is a jamming pod which can protect an individual jet or a package of aircraft. The user gets two capabilities in one: They can use the EDGE passively to collect radar signals for analysis, or use it actively to transmit high-powered conventional and discreet jamming waveforms against a diverse array of radars transmitting across a wide swathe of frequencies. Multiple threats can be jammed simultaneously using the pod's advanced transmit/receive modules. Moreover, the EDGE is cost effective. Air forces need not acquire one for each aircraft. Instead, several can be procured and swapped between jets as and when they are needed.

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Elettronica is more than its EW products. The company works closely with air forces to understand their needs and furnish them with world-beating solutions using ITAR-free technologies at competitive prices. Visit stand 06-B15 to find out more.

**Elettronica** has been at the forefront of the Electronic Warfare sector for almost 70 years, supplying over 3000 high-tech systems to the armed forces and governments of 30 countries. The Elettronica systems are designed for a variety of key operational missions, from strategic surveillance, self-protection, Sigint, electronic defence and operational support for air, naval and land applications. The company boasts a strong list of successful national and international collaborations on all major modern military platforms like the Tornado fighter, the Eurofighter Typhoon, the NFH-90 helicopter, the Italian PPA platform, the Italian and French ships Horizon and FREMM, and a wide range of projects in various countries worldwide. A company part of **Gruppo Elettronica** that also includes CY4GATE, specialising in Cyber EW, Cybersecurity, and Intelligence, and Elettronica GmbH, a German subsidiary specialising in the design of Homeland Security systems.

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