

Storm EW™

The Storm EW™ spectrum warfare suite by BAE Systems is an advanced electronic warfare (EW) solution designed to enhance the lethality, survivability, and operational flexibility of combat aircraft. This scalable and adaptable system is built to integrate seamlessly with both existing and new platforms, offering a future-ready defense and attack capability. Here are some key highlights of the Storm EW suite:

1. **Comprehensive EW Capabilities:** The Storm EW suite provides 360-degree, ultra-wideband electronic warfare capabilities. It is based on a common core architecture, leveraging modular design and fielded technologies to maximize system capacity, interoperability, and delivery speed.
2. **Platform-Agnostic and Scalable:** The system can be integrated with any aircraft, new or existing, allowing for broad applicability across various platforms, including military and intelligence aircraft. This scalability reduces engineering costs and shortens integration timelines.
3. **Enhanced Air Superiority:** With increasing electromagnetic spectrum (EMS) threats worldwide, the Storm EW suite enables air forces to maintain EMS superiority. It helps ensure continued dominance in air combat by enabling detection, identification, and neutralization of adversary systems.
4. **Global Leadership in EW Systems:** BAE Systems has decades of experience as a leader in EW technologies, providing systems for cutting-edge platforms like the F-15EX and F-35. The company is also a key supplier of EW systems for 95% of U.S. military rotary-wing aircraft.



5. **Cross-Domain Threat Response:** The Storm EW suite is designed to handle threats from all domains—air, land, sea, space, and cyber—by leveraging advanced EW techniques, including electro-optical (EO), infrared (IR), radio frequency (RF), and cyber capabilities. This cross-domain flexibility ensures comprehensive protection against modern-day, multi-domain threats.
6. **Collaborative Development:** BAE Systems partners with leading aerospace and defense companies like Boeing, Lockheed Martin, and L3Harris to advance EW, C4ISR, and other critical defense technologies, strengthening the global defense infrastructure.

In summary, the Storm EW suite provides a powerful, scalable, and adaptable solution for combat aircraft, offering advanced electronic warfare capabilities to maintain air superiority and protect against evolving global threats.

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