Smart D²™ system
Future of aircraft survivability solutions

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Today's intelligence to counter tomorrow’s threats

Smart, integrated system
The Smart D² system receives information about incoming threats that are detected by the aircraft’s threat warning systems. Using this information, it decides which smart expendable to reprogram for a tailored defeat. The detection, declaration, and type of expendables used are agnostic to the crew — working with both legacy and cutting-edge smart flares, radio-frequency decoys, and hard kill interceptors.

Aircraft survivability
The Smart D² system provides improved capability and confidence to the crew, so they can focus on the mission at hand. Cohesive communications and automatic, proactive inventory management enable these crews to have greater confidence to take on each mission with their undivided attention. The system monitors the quantity, location, and lifespan of each expendable, ensuring that when the time is right, this integrated system will perform — maximizing aircraft survivability and bringing the warfighter back home safely.

Legacy technology
The Smart D² system integrates with existing warning systems, including the widely deployed Common Missile Warning System (CMWS) on both fixed- and rotary-wing aircraft. It builds on the battle-proven ALE-47 Airborne Countermeasures Dispenser System — the trusted system of choice for aircraft and aircrew survivability for the U.S. armed forces and international allies.