

Resiliency Problem Statement

Protection of CUI and CTI is critical to building a resilient weapon system. We have pockets of security excellence throughout the acquisition enterprise to protect CUI, CTI, and CPI. We do not have **sustainable, repeatable**, processes based on **objective assessments** used to evaluate countermeasure effectiveness.

Obstacles

- Current processes are not scalable for enterprise-wide approach
- Rely on subjective reasoning, rather than objective parameters
- Analog results are not easily exported to a measurable format
- Difficult to convey residual risk, to risk owners
- Limited communication with DCSA

Acquisition Security Module (ASM) Offers the Solution

ASM enables standardized methodology to measure security effectiveness and translate it into quantifiable data understood by Security, Engineers, Program Managers, and key decision makers.

Timeline

Currently in development is a comprehensive Acquisition Security Module for RFP development, generation of countermeasure considerations, and risk management for PMs, PEOs, MDAs.

- October 2019-January 2020: Spiral II to align threat data into module for risk decision making for types of technologies, priorities, or information.
- November 2019-March 2020: Beta test of Acquisition Security Module throughout acquisition community.
- January 2020-July 2020: Spiral III to test, develop reports, functionality clean-up, train and deploy

Acquisition Security Module Air Force CROWS

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A component of EPRM.

Acquisition Security Module



**Delivering Traditional
Security Solutions**

Air Force Acquisition Security Module (ASM) within Enterprise Protection Risk Management (EPRM) system

EPRM is a web based, cross-disciplinary decision support tool for security compliance and risk assessments. The tool facilitates and standardizes processes, and promotes early implementation of cost-effective countermeasures.

The Air Force Cyber Resiliency Office for Weapon Systems (CROWS) funded the development of this module.

What ASM Does:

- Addresses the lack of standardized and automated methodology to generate traditional security countermeasures
- Objectively evaluates countermeasure effectiveness
- Produces quantifiable data for Security, Engineers, Program Managers (PM), Industry Partners, Decision Makers
- Supports risk-based decision making throughout the acquisition life cycle

