SMART AGILE SECURE

COUNTERMEASURES DISPENSER SYSTEM

Combat Proven Solution

The Terma Smart Agile Secure Countermeasures Dispenser System (SAS CMDS) solution is based on our fully operational and combat proven Terma Advanced Counter Measures Dispenser System (ACMDS).
We leverage processing improvements and IA/System Integrity Protection measures present in our ALQ-213 -500 series Electronic Warfare Controller to provide advanced capabilities and self-protection to the warfighter.

Smart

Our system provides advanced interface to all current and future Smart Stores:
- Implements NATO STANAG 4781 for Smart Stores Communication Interface Protocol
- Automatic identification, tracking of individual payloads
- Integrated display provides complete system functionality and easy visual representation of system status
- Software presents color-coded load plan for simple MX and Aircrew identification & cross-checking
- Modular Open System Architecture (FACE/OMS)
- Smart Bucket assembly

Agile
- 2-way communication with smart stores, allowing threat specific programming in-flight, prior to dispensing
- Unlimited mixed payloads in the same dispenser
- Advanced / programmable bypass mode gives the aircrew options in times of system failures
- Processing power, speed and storage capacity provides virtually unlimited growth potential for new capabilities
- Rapid Reprogramming provides the ability to react to and counter emerging threats
- SAS CMDS can interface with legacy or Terma's advanced Control Display Unit (CDU), or can be menu-driven on any glass cockpit display, meeting minimum requirements

Secure
- Meets USG requirements for sensitive data protection
- Provides Red/Black separation

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Control Display Unit (CDU)

- Modern full color multifunction EW display provides improved situational awareness – real-time correlated data
- Provisioned for many platforms, including fighters, transports and rotary wing
- Excellent sunlight performance and Night Vision compatible
- Ethernet interface for state-of-the-art and high-performance cockpit/EW integration
- Software configurable Option Select Buttons (OSBs) for flexible menus/controls
- Multiple form factors for optimum aircraft / cockpit fit

Secure Programmer

- Meets current DOD AT/IA requirements
- Output to Control Display Unit (CDU) or Glass Control via multiple interfaces
- 10/100 and GigE, MIL-STD-1553 (3), TIA-422/485 and Fiber capable via expansion slot
- Expansion Slot available (Additional processing or I/O)

Digital Sequencer Switch

- Provides full mixed payload
- Support for up to 90 payloads per Digital Sequencer Switch (DSS)
- Fully programmable control of all Bypass functions
- Display of available dispense count per program
- Easy access of payload category/types
- STANAG 4781 compatible Smart Stores Communication Interface
- Simultaneous Dispense
- Backwards compatibility with AN/ALE-47

Safety Feature Enhancements

- Smart configurable safety features
- Prevents un-commanded Jettison
- Safety Switch with built in hardware safety interlock

Smart Bucket Assembly

- Improved Smart Magazine
- Improved Breech-plate / Retainer-Plate

Payload Simulator and Ground Tester

- Payload Simulator & Stray Voltage Tester (PSSVT) improvements – addition of SSCI

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