MISSILE DEFENSE AGENCY

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Fact Sheet

Command, Control, Battle Management, and Communications

The Command, Control, Battle Management, and Communications (C2BMC) program is the hub of the Ballistic Missile Defense System (BMDS). It is a vital operational system that enables the U.S. president, secretary of defense and combatant commanders at strategic, regional and operational levels to systematically plan ballistic missile defense operations, to collectively see the battle develop, and to dynamically manage designated networked sensors and weapons systems to achieve global and regional mission objectives. C2BMC is the force multiplier that globally and regionally networks, integrates and synchronizes individual missile defense elements, systems and operations to optimize performance. C2BMC is an integral part of all system ground and flight tests which verify and exercise current and future BMDS capabilities.

Through its operational software and networks, the C2BMC program provides redundant connectivity and enables on-site operations and sustainment for global combatant commanders. It provides key BMDS operational services through five product lines:

Ballistic Missile Defense Planner

- Provides warfighters the capability to explore the effectiveness of various defensive plans.
- Supports three types of planning crossing all phases of military operations: Adaptive/Deliberate, Crisis Action, and Dynamic Planning.

Command and Control

- Provides situational awareness by turning detailed data into decision quality information combatant commanders can employ in the event of a missile threat.
- Emphasizes a common, single, integrated ballistic missile picture and provides the status of the overall BMDS.

Global Engagement Manager

- Provides the first true BMDS battle management capability.
- Acts as a force multiplier to achieve integrated, layered ballistic missile defense through improved sensor resource management and engagement coordination.

Ballistic Missile Defense Network

- Integrates the individual sensors and weapon elements of the BMDS.
- Provides robust, high-availability connectivity to quickly and unambiguously share information across the global BMDS.

Concurrent Test, Training, and Operations

- Meets the warfighter's requirements to sustain BMDS operations while supporting test, training and maintenance.
- Enables the warfighter to conduct distributed, high–fidelity, end-to-end training for missile defense operations.

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