

# Ground-based Midcourse Defense (GMD)

*Affordable and Assured Warfighting Capability*



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### **Poised and Prepared: Providing Continued GMD Development, Test, Operations and Sustainment**

#### ■ **Missile Systems Engineering and Integration**

With more than 50 years of ICBM and missile weapon system experience, Northrop Grumman's engineering and integration domain expertise is unmatched in the industry.

#### ■ **Missile Systems Operations and Sustainment**

As a primary developer and systems integrator for ICBMs and complex weapon systems, Northrop Grumman is well prepared to provide further development as well as operations and sustainment support for Ground-based Midcourse Defense.

#### ■ **Ground and Flight Testing**

Northrop Grumman has a proven track record for effectively conducting and assessing successful weapon system tests. For both ground and flight testing, we have well-defined, proven processes for conducting component, sub-system, and system-level tests that have ensured mission success on schedule and within or below budget.

#### ■ **BMDS Integration**

Northrop Grumman is already a trusted MDA partner in nearly every facet of the Ballistic Missile Defense System (BMDS). From the Space Tracking and Surveillance System Demonstration Program and GMD Fire Control and Communications to the Missile Defense Integration and Operations Center (MDI-OC), Northrop Grumman plays a key role for GMD integration within the BMDS shield.

#### ■ **Operational Availability**

Northrop Grumman is the proud provider of mission critical systems from ICBMs to nuclear submarines to stealth aircraft. Leveraging this mission critical structure with our proven methods of aging surveillance and assessment to extend weapon system component life and reliability, Northrop Grumman will ensure the GMD capability stands ready and available to warfighters – 24 hours a day, 7 days a week.

*Preserving freedom through performance and innovation*

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