



# Expanding Warfighter Capability

## Advanced Space Processing

### WHO WE ARE

We are Northrop Grumman's data fusion and exploitation center of excellence. Our pioneering solutions help connect decision makers with the best data possible for time-sensitive decisions. Our award-winning team is driving innovation and rapidly delivering what we promise to support our Warfighters every day.

### WE PIONEER

We deliver world-class, state-of-the-art, end-to-end data processing capabilities that enable key missile warning, missile defense and space domain awareness missions, committing to shared success with our customers.

### WE DELIVER

We enable and foster the rapid evolution of ideas from prototypes to operational fielding by embracing continuous integration and innovation. We are industry leaders in the development of novel capabilities needed to counter existing and emerging threats.

**Any Sensor, Any Platform –  
Proven Data Fusion and  
Exploitation**

### OUR TEAM IS THE DIFFERENCE

Our success is built upon a diverse team of proven experts who are driving industry advancements in sensor data exploitation, advanced algorithms, machine learning and modeling and simulation at the speed of need. We bring the right people with the expertise to innovate and the ability to rapidly deploy operational capabilities to the Warfighter.

**We deliver and apply advanced technical solutions across the entire Missile Defense Kill Chain against the full spectrum of evolving and emerging threats.**

### MULTI-SENSOR DATA FUSION

We provide low-latency, accurate, and real-time characterization of viable and real threats through autonomous multi-int, multi-phenomenology data fusion for detection, tracking, and reporting to end-users.

### EXPANDING DECISION SPACE BY CONNECTING SENSORS TO EFFECTORS

We deliver real solutions to reduce the gap between sensor detection and effector decision making through novel approaches to mission data processing. Our innovative solutions enhance domain awareness by minimizing the time from detection to report and maximizing decision space for operational leaders to determine courses of action.

### TAILORED MISSION SOLUTIONS TO MEET CRITICAL NEEDS

By leveraging agile principles and methodologies, we create mission unique solutions in performance recognized products to meet evolving mission criteria. We customize a wide variety of proven capabilities to enable operations for emerging applications including sensor-agnostic mission management, space-based distributed data processing, and 3D track fusion.

