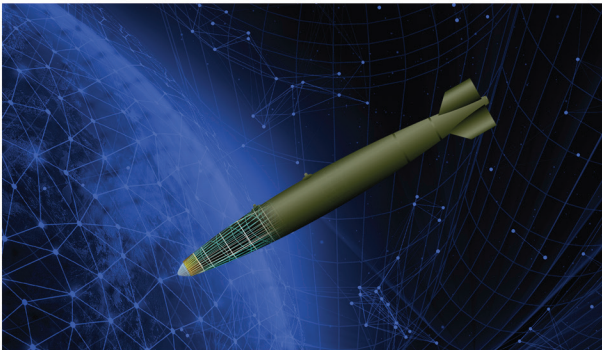




WEAPONNEERING FOR THE DOME

DELIVERING INNOVATIVE, HIGH-CONFIDENCE PRECISION ENGAGEMENT EFFECTS

WEAPONS DEVELOPMENT, TESTING & EFFECTS MODELING & SIMULATION



- **M&S TOOLS FOR TARGET CHARACTERIZATION, WEAPON EFFECTS, BATTLE DAMAGE ASSESSMENT, AND DECISION SUPPORT**
- **HYPERSONIC WEAPONS DEVELOPMENT AND INTEGRATION**

SURVIVABILITY & SPACE DOMAIN AWARENESS



- **MULTI-DOMAIN EARTH/CIS-LUNAR M&S FOR SATCOM, PNT, SDA, AND ISR**
- **RAPID HIGH-ACCURACY ORBIT DETERMINATION TECHNOLOGIES FOR SDA**
- **ACCREDITED SATELLITE NUCLEAR SURVIVABILITY AND EMP EFFECTS PREDICTION/HARDENING**

INTELLIGENCE & MISSION SUPPORT



- SATELLITE REMOTE SENSING, MISSILE WARNING, AND MISSILE DEFENSE
- MODULAR, MULTIUSE SENSORS, SOFTWARE FRAMEWORKS, AND MODELING TOOLS THAT ADAPT TO EVOLVING MISSION NEEDS

CLOUD, EDGE & DEVSECOPS & SYNTHETIC ENVIRONMENTS



- GEOINT SOLUTIONS, INCLUDING TERRAIN RECONSTRUCTION FROM SATELLITE IMAGERY AND AUTOMATED GEOLOCATION
- DEVSECOPS PIPELINES FOR CLOUD-BASED CI/CD TAILORED TO DOD AND IC PROGRAMS

ARA's solutions enable informed planning, operational assessment, and rapid decision-making for enhanced mission success across the space domain. Our tools are designed to adapt to evolving mission requirements, delivering reliable, scalable protection for defense against real-world threat scenarios.



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