

ENGINEERING THE FUTURE OF SPACE AND MISSILE DEFENSE THROUGH DATA-DRIVEN ANALYSIS



INTEGRATING MULTI-DOMAIN OPERATIONS TO OUTPACE EMERGING THREATS

SPA brings more than 50 years of providing analyses and operational expertise across the DoD, joined now by Intrepid and its 20+ years of engineering experience with the U.S. Army, Space and Missile Defense Command, and the Missile Defense Agency.

AGILE ENGINEERING AND ANALYTICAL SOLUTIONS

- Rapid stand up of new PMOs providing quick delivery of usable and sustainable warfighter capabilities.
- Delivered warfighter-focused system engineering to Army and Space Force through R&D, acquisition support, modeling & simulation, cybersecurity.
- Experienced analysts use custom MBSE and digital engineering processes and tools to accelerate the use of Integrated Battle Command System (IBCS).

MULTI-DOMAIN ASSESSMENT AND PLANNING

- Developed the platform that provides necessary infrastructure for critical Space C2 capabilities and support of Space Force BMC3 PEO.
- Led Strategic Capabilities Office rapid prototyping efforts to address Long Range Fires, Space, Cyber, EW and other critical warfighter gaps.
- Support Space & Missile Defense mission areas from predictive intelligence through battle management command, control, and communications (BMC3), and ultimately Space-based Combat Power and Missile Defeat.

FUTURE FORCE INTEGRATION EXPERTISE AND TOOLS

- Specialized digital engineering facilitates seamless system coordination across defense platforms.
- Advanced predictive analytics rapidly identifies threats and informs timely response strategies.
- Comprehensive cyber risk assessments proactively protect defense supply chains and critical assets.
- High-fidelity modeling and simulation environments rigorously validate next-gen defense capabilities.

KEY DoD AND INTELLIGENCE OFFICES SUPPORTED

ARMY SPACE AND MISSILE DEFENSE COMMAND

PEO MISSILES & SPACE

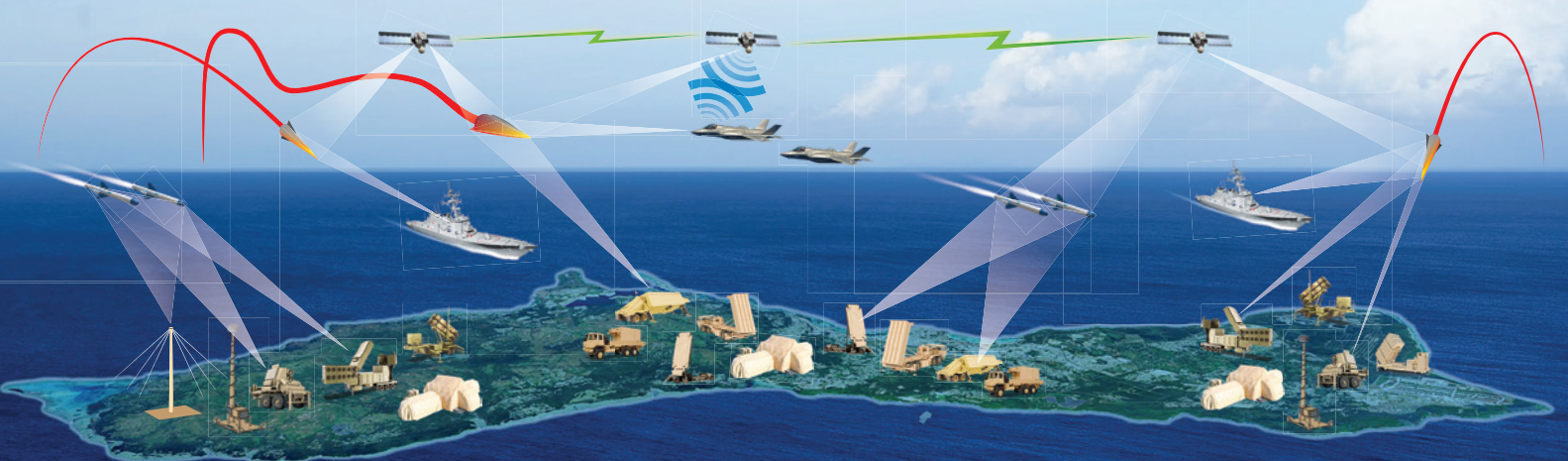
ARMY INTEGRATION MISSION COMMAND

SPACE SYSTEMS COMMAND

MISSILE DEFENSE AGENCY

UNITED STATES SPACE FORCE

OBJECTIVE | RESPONSIVE | TRUSTED



EMPOWERING AIR AND SPACE SUPERIORITY

We possess a unique capability to effectively analyze, model, protect, and develop operational capabilities across the SMDC mission set.

End-to-End Digital Mission Thread: DoD and IC clients benefit from SPA's ability to seamlessly connect space and missile CONOPS, system functions, and component-level models to deliver traceable, high-fidelity insights across the entire mission architecture.

Instrumental in IFMC PO Joint Architecture: Developed a mission command and fire control system that integrates sensors and weapons into a cohesive warfighting capability and provides flexibility to respond to evolving threats.

Purpose-Built Mission Level Analysis: USSPACECOM and other Space clients use SPA's MBME framework to model and assess complex space and missile architectures—from orbital trajectories to missile engagement timelines—in support of current and future system of system technologies.

AIAMD ACAT 1D Support: Intrepid has been a key player in the AIAMD ACAT 1D Program from its inception through fielding.

Accelerated Threat Response and Kill Web Analysis: USSPACECOM and USCYBERCOM, among others, leverage SPA's dynamic modeling of launch detection, missile defense operations, and space-based sensing to evaluate full mission impact in contested domains.

Multi-Domain Integration, Network-Centric Focus: Integrates space services and communications network effects to deliver joint operational relevance across space, missile, maritime, and terrestrial layers.

WHY CHOOSE SPA?

→ Rapid Implementation	Ability to support customer requirements quickly through accessible contracts such as ERP BI, DTIC, and OASIS+
→ Mod/Sim Expertise	Experts at building tailored mission-level models as well as skilled coders with running industry standard GOTS/COTS tools
→ Proven Track Record	Exceptional CPARS across numerous Space and Missile Defense contracts; secured \$Bs in funding for critical weapon system development in support of multi-service PMOs
→ Cutting-Edge Innovation	Using IRAD funds to further enhance our tool suite of modeling capabilities to support clients' toughest problems

DECISION SUPPORT FOR NATIONAL SECURITY

Systems Planning & Analysis, a leading global provider of data-driven analytical insights supporting national security objectives, provides deep domain expertise, problem-solving capabilities, and a results-driven approach to program lifecycles, reaching a wide spectrum of market areas.

With over 50 years of experience, SPA's portfolio of differentiated capabilities and tools delivers comprehensive support to the most critical programs for combatting threats, influencing long-term strategic priorities, and shaping policies at the highest levels.



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