

INTELLIGENCE AND THREAT SYSTEM ANALYSIS



A PREMIER PROVIDER OF PHYSICS-BASED THREAT SYSTEM ANALYSIS AND ALL SOURCE, GEOINT AND SIGINT INTELLIGENCE SUPPORT



PROVEN METHODS WITH 25+ YEARS OF APPLIED EXPERIENCE

- **All Source and COCOM J2:** All source product development, campaign and contingency planning
- **Threat Modeling:** physics-based threat modeling supporting IC and DoD client needs
- **Threat Reporting:** Technical SIGINT analysts and Trainers supporting Space Electronic Warfare with usable threat products
- **Kill Chain (Red and Blue)** assessments enabling optimal countermeasure development

INTELLIGENCE ANALYSIS

- Triage urgent intelligence needs supporting rapid, innovative solutions
- Dynamic interaction of a broad range of U.S. and adversary military capabilities in an operational context, identifying asymmetries and areas of competitive advantage for technology investment
- Develop adversary strategy and tactics assessments
- Support exercise and wargaming events as Red players and Red capability SMEs

THREAT MODELING & SIMULATION

- Conducting Capability Based Assessments for US Space Force ISR architectures
- Conduct Red kill chain and kill web assessments across a range of domains (sea, air, land, space and cyber)
- Skilled mod/sim workforce leverages GOTS and COTS tools to provide best-of-breed mission modeling analysis
- Dozens of tailored physics-based models developed to support highly classified/niche threat system assessments

INTEL SYSTEM ENGINEERING & TECHNICAL SUPPORT

- Tech SIGINT SMEs working closely with NSA and US Space Force to address validated intel gaps
- GEOINT system engineers developing viable Special Programs that create critical intel information supporting the services and COCOM
- NGA Office of Special Programs lead System Engineers and Data Analysts supporting novel future architectures and capabilities

KEY INTELLIGENCE AGENCIES SUPPORTED



OBJECTIVE | RESPONSIVE | TRUSTED

SPA SUPPORTS PHYSICS-BASED MODELING AND ASSESSMENTS OF ADVERSARY CAPABILITIES

INTELLIGENCE-INFORMED MODELING, SIMULATION, AND ANALYSIS

- Full IC Collaboration (Terrestrial & Space-based Counterspace Threats)
- Current Intel Record Integration

DEDICATED THREAT SYSTEMS INTELLIGENCE SUPPORT

- Identify and Assess Threat System Characteristics and Capabilities
- Unique Threat Package Production

Physics-Based Modeling (PBM)

Intelligence-Integrated Model-Based-Systems Engineering (I2-MBSE)

Beyond Intel Record Technical and Engineering Assessments

Threat System Capture, Quantification, and Update

MODELING, SIMULATION, AND ANALYSIS

Customized Space/Counterspace Wargaming Scenarios and Vignettes

Full-Spectrum Threat Lifecycle Updates

Direct-led National Laboratory Studies Addressing Intel Gaps

Counter-Space Engagement and Drawdown Modeling

National Space Protect/Defend Mission Validation & Vulnerability Analysis

PREVENTING THREATS AND ENHANCING INTELLIGENCE

- NASIC, NSIC, NSA, NGA and NRO
- SSDP/SWAC Threat Assessment Division
- USSPACECOM J2
- Cocoon FISINT
- NRO Mission Integration Directorate (MID)
- NGA Office of Special Programs
- Office of Strategic Intelligence & Analysis (OSD/R&E)
- DASD Strategic, Space and Intel Portfolio Mngt (OSD/A&S)
- DARPA Defense Science Office
- Defense Threat Reduction Agency (DTRA)
- Strategic Systems Programs (SSP)

WHY CHOOSE SYSTEMS PLANNING & ANALYSIS?

- **Intel Domain Area Talent** All source, SIGINT, GEOINT, MASINT, S&T
- **Mod/Sim Expertise** Experts at building tailored physics-based models as well as skilled coders with running industry standard GOTS/COTS tools
- **Proven Track Record** Exceptional CPARS across numerous intel and threat analysis contracts
- **Cutting-Edge Innovation** Using IRAD funds to further enhance our tool suite of modeling capabilities to support client's toughest problems

DECISION SUPPORT FOR NATIONAL SECURITY

Systems Planning & Analysis, a leading global provider of advisory services 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 successfully manages large, integrated professional service projects in engineering, analytics, modeling and simulation, and financial and scientific services for clients worldwide.



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