INTELLIGENCE

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JADO VISION FOR INTELLIGENCE

The JADO vision for intelligence is to develop, maintain, and share an awareness of the operational environment spanning geographic, functional, domain, classification, and organizational boundaries. The scope of awareness includes information on ongoing operations, adversary forces, indications and warnings (I&W), target information, as well as military, political, environmental, and other considerations. Intelligence operations for JADO require understanding not only what is taking place in the battlespace but also understanding how events impact each other across areas of responsibility, affect campaign plans, and hamper (or enhance) the commander's ability to project force and create effects. Awareness is challenged by the need to integrate information from multiple sources of varying quality over multiple networks and classifications, and across multiple intelligence agencies and organizations.

The ability to sense the operating environment across domains predominately relies on expensive, high-tech, purpose-built systems, but JADO requires a broad array of collection platforms, capabilities, and methods.

All-source intelligence is leveraged across the joint and interagency enterprise, but much of the synthesis is done manually. JADO requires intelligence to be automatically synthesized and shared at the lowest possible classification level. The need to conduct cross-domain, cross-source synthesis significantly increases demand for fusion capacity and capability.

PLANNING AND EXECUTION OF INTELLIGENCE

Current intelligence processes do not adequately integrate all-domain sensing activities for JADO. In JADO, sensing is a continuous effort feeding multiple decision loops; cross-cueing and fusing collection activities among domains results in an improved joint intelligence preparation of the operational environment (JIPOE).

Intelligence, surveillance, and reconnaissance (ISR) operations are conducted in, from, and through all domains across the competition continuum. All-domain intelligence

capabilities enable globally-integrated ISR forces to quickly collect, analyze, process, and disseminate relevant information to operational forces, and refine foundational intelligence to inform mission planning and JIPOE.

JADO requires air, space, cyberspace, and terrestrial ISR platforms and capabilities to combine with other Service ISR capabilities for a global interoperable intelligence sensing architecture. This architecture produces massive volumes of data to meet JADO intelligence needs; processes and technologies should be continually designed to incorporate legacy and future capabilities.

Planning

Increased intelligence requirements necessitate synchronization of traditional and nontraditional intelligence capability. Individual ISR collection platforms produce intelligence at varying speeds; for example, human source intelligence collection takes longer than space-based ISR assets. To support JADO planning and execution, intelligence timeliness should be integrated and synchronized with all-domain operations. To keep pace with the emerging environment, ISR must also leverage nontraditional sources of intelligence to complement traditional ISR activities.

ISR planning considerations for JADO:

✪ Cross-cueing collection activities between domains.

✪ Correlating information from multiple sensors, sources, and domains.

✪ Integrating open-source reporting into a comprehensive picture of the operational environment.

✪ Establishing strategic impacts of tactical actions.

✪ Establishing how events in one domain impact freedom of maneuver in another.

✪ Using battlespace information from one domain to mitigate knowledge gaps in another.

✪ Leveraging joint, inter-Service, interagency, multinational, and commercial partner situational awareness capabilities and data sources.

✪ Incorporating all-domain considerations into intelligence gain or loss assessments.

Execution

ISR execution in JADO requires integrating all-domain intelligence and establishing common intelligence infrastructure that accelerates the flow of decision-quality

information to commanders. That information must also support analysts, ISR planners, and targeteers.

All-domain ISR operations are executed across the competition continuum. Intelligence collected during cooperative or competitive activities will be leveraged during armed conflict, providing commanders a comprehensive understanding of adversary attitudes, activities, forces, and other considerations that inform decision-making.