

Integrated Strategic Planning and Analysis Network (ISPAN)

Executive Summary

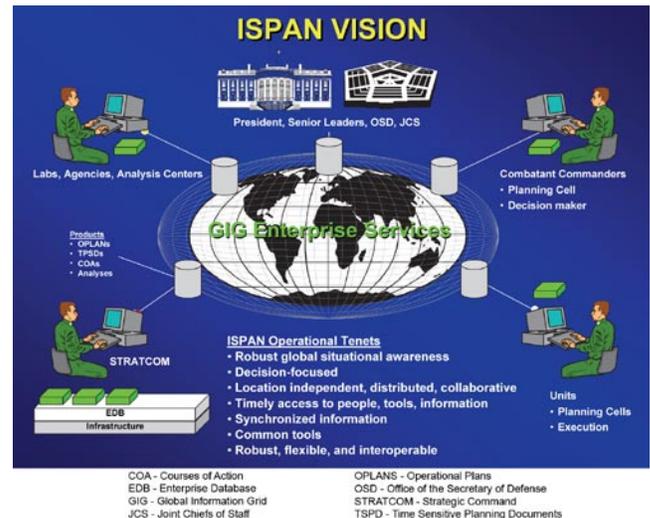
U.S. Strategic Command (USSTRATCOM) and the Air Force Operational Test and Evaluation Center (AFOTEC) conducted an Integrated Strategic Planning and Analysis Network (ISPAN) Block 1 Operational Test (OT), in accordance with the DOT&E-approved test plan, in September 2008. The OT confirmed that the problems found during ISPAN Spiral 3 Operational Assessment (OA) were resolved. A number of Information Assurance (IA) vulnerabilities were found during the OT. DOT&E recommended that the IA vulnerabilities be corrected or mitigated to the satisfaction of the Designated Accrediting Authority (DAA) prior to fielding. The DAA reviewed the program manager-provided mitigation plan and issued an Authority to Operate in January 2009. The Assistant Secretary of Defense for Networks and Information Integration granted a full deployment decision in April 2009.

System

- ISPAN is an operational planning and analysis network modernization program for USSTRATCOM. ISPAN modernization expands planning and analysis to new mission areas integrating the full spectrum of kinetic and non-kinetic weapons into strategic and theater plans. ISPAN comprises both the Mission Planning and Analysis System (MPAS) and the Global Adaptive Planning Collaborative Integration Environment (GAP CIE).
- MPAS provides dedicated planning and analysis for all U.S. strategic nuclear forces. MPAS also provides planning and analysis to create plans for specified theater and strategic conventional forces. Maintenance and capability enhancements are tested and delivered every six months.
- GAP CIE provides a web-enabled, net-centric collaborative environment for a contingency and crisis action planning system at the Combatant Commander (COCOM) and strategic level. The capability will allow users from multiple COCOM staffs, subordinate commands, as well as other agencies, to collaborate online while providing planning and analyses to senior decision-makers. Block 1 achieved Initial Operational Capability in January 2009. Increment 2 will provide additional capabilities in two spiral releases.

Activity

- USSTRATCOM and AFOTEC conducted an ISPAN Block 1 OT, which included the GAP CIE and MPAS, September 3-25, 2008, at USSTRATCOM, Offutt AFB, Nebraska, and the Combined Air Operations Center, Barksdale AFB, Louisiana.



Mission

- USSTRATCOM uses ISPAN to perform deliberate and adaptive, strategic, nuclear, and non-nuclear planning and analysis. This includes developing the national deterrence war plans offering both nuclear and non-nuclear weapon options using the MPAS.
- The COCOMs, subordinate staffs, and other national agencies use the CIE for collaborative mission planning and analysis, course of action development, and commander's decision briefing preparation in support of crisis action planning scenarios and time critical decisions regarding force employment.

Prime Contractors

- Lockheed Martin, Papillion, Nebraska
- BAE Systems, Bellevue, Nebraska
- Northrop Grumman, Bellevue, Nebraska
- Science Applications International Corporation, San Diego, California

scheduled STRATCOM exercise and avoid a potentially lengthy program delay.

- The JROC approved the ISPAN Block 1 CPD in January 2009. DOT&E concluded that the Block 1 OT was sufficient to satisfy the IOT&E requirement based upon a review of the approved CPD.
- The Commander, Joint Functional Component Command for Global Strike, declared the ISPAN Block 1 Initial Operational Capability in January 2009.
- ASD NII granted a full deployment decision in April 2009.

Assessment

DOT&E confirmed that the problems found during the ISPAN Spiral 3 OA were adequately addressed in ISPAN Block 1

OT. The system matured significantly following the OA and users were able to fully accomplish their mission objectives. Operational testing uncovered a number of potentially significant IA vulnerabilities. DOT&E recommended that the IA vulnerabilities be corrected or mitigated to the satisfaction of the DAA prior to fielding. The DAA reviewed the mitigation plan and issued an interim authority to operate in February 2009.

Recommendations

- Status of Previous Recommendations. USSTRATCOM and the Program Office have effectively addressed previous recommendations.
- FY09 Recommendations. None.