

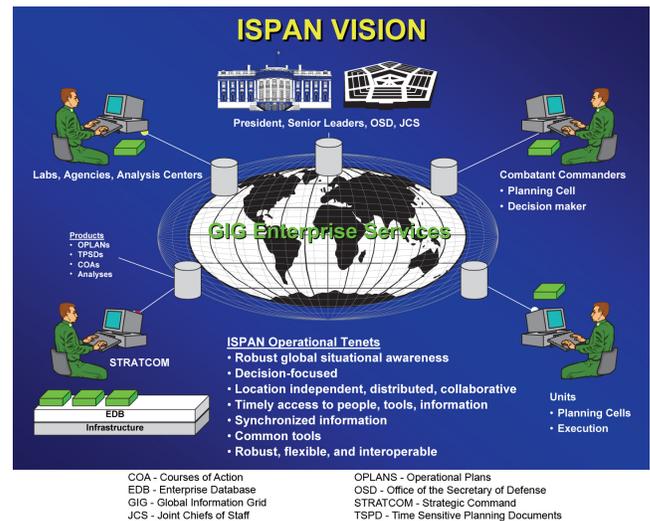
## Integrated Strategic Planning and Analysis Network (ISPAN)

### 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) Collaborative Integration Environment (CIE) Spiral 6.2 Operational Utility Assessment (OUE) in February 2008. The OUE supported a deployment decision to satisfy an urgent USSTRATCOM need. DOT&E determined that the ISPAN CIE Spiral 6.2 was operationally effective and suitable, and recommended deployment.
- USSTRATCOM and AFOTEC conducted an 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 were resolved. The ISPAN Block 1 program is ready to proceed into the IOT&E; pending a signed Joint Requirements Oversight Committee Memorandum for ISPAN's Block 1 Capability Production Document and an Acquisition Decision Memorandum.

### System

- ISPAN is an operational planning and analysis network modernization program for USSTRATCOM being developed in three blocks. 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 CIE. The program is currently developing and fielding Block 1.
- 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.
- CIE provides collaboration capabilities for time sensitive planning and is being developed in six spirals for Block 1. This capability will allow users from multiple Combatant Commander (COCOM) staffs, subordinate commands, as



well as other agencies, to collaborate online while providing planning and analyses to senior decision-makers.

### 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 time sensitive planning scenarios and time critical decisions regarding force employment.

### Prime Contractors

- Lockheed Martin
- Government Integrator (USSTRATCOM)

### Activity

- The ISPAN Program Office declared a Nunn-McCurdy breach on July 31, 2007. USSTRATCOM and the ISPAN Program Office developed a recovery plan that specified the development of the Block 1 Capability Production Document (CPD), definition of the new Block 1 end-state, and creation of a new Test and Evaluation Master Plan (TEMP). Secretary

- of the Air Force-Acquisition approved the ISPAN recovery plan in June 2008. The Joint Capabilities Board approved the Block 1 CPD and end-state definition in August 2008. DOT&E approved the TEMP version 6.18 in February 2008.
- USSTRATCOM and AFOTEC conducted ISPAN (MPAS) Block 1 Spiral 6 maintenance and modernization testing

# AIR FORCE PROGRAMS

from December 12-14, 2007. Users exercised a number of enhanced tools to include Theater Integrated Planning System (TIPS), Commander's Decision Aid (CDA), Nuclear Aimpoint Constructor, Dynamic Application and Rapid Targeting System (DARTS), as well as, conversion of the MPAS infrastructure to Solaris 10 Operating System and a Weblogic 9.2 backbone. USSTRATCOM fielded MPAS Spiral 6 in January 2008.

- USSTRATCOM and AFOTEC conducted an ISPAN CIE Spiral 6.2 OUE on February 13-14, 2008, at USSTRATCOM, Offutt AFB, Nebraska, and the Combined Air Operations Center, Barksdale AFB, Louisiana.
- USSTRATCOM and AFOTEC conducted ISPAN (MPAS) Block 1 Spiral 7 maintenance and modernization testing from June 23-26, 2008. Seventeen MPAS tools, 11 of those having some level of enhanced capability, were exercised by users to generate nuclear strike options including targeting, weapon assignment, quality review, and simulation and analysis of the proposed solutions. USSTRATCOM fielded MPAS Spiral 7 in July 2008.
- USSTRATCOM and AFOTEC conducted an ISPAN Block 1 OT, which included the CIE and MPAS, September 3-25, 2008, at USSTRATCOM, Offutt AFB, Nebraska, and the Combined Air Operations Center, Barksdale AFB, Louisiana.

## Assessment

- USSTRATCOM and the ISPAN Program Office executed a development and test schedule that delivers MPAS maintenance and modernization builds on a six-month schedule per the DOT&E-approved TEMP. A combined test team comprised of USSTRATCOM functional experts and AFOTEC testers found no significant operational issues with Spiral 6 and Spiral 7 releases. Testing and performance for ISPAN (MPAS) Spiral 6 and Spiral 7 was adequate to support the fielding decisions.
- DOT&E confirmed that earlier problems found during the ISPAN Spiral 3 Operational Assessment were adequately addressed in ISPAN Block 1 OT. The system has matured significantly in the past year and users were able to fully accomplish their mission objectives. ISPAN is ready to proceed into IOT&E.

## Recommendations

- Status of Previous Recommendations. USSTRATCOM and the Program Office have effectively addressed previous recommendations.
- FY08 Recommendations. None.