



2016 Major Automated Information System Annual Report



Integrated Strategic Planning and Analysis Network Increment 5 (ISPAN Inc 5)

Defense Acquisition Management
Information Retrieval
(DAMIR)

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Common Acronyms and Abbreviations for MAIS Programs

Acq O&M - Acquisition-Related Operations and Maintenance
ADM - Acquisition Decision Memorandum
AoA - Analysis of Alternatives
ATO - Authority To Operate
APB - Acquisition Program Baseline
BY - Base Year
CAE - Component Acquisition Executive
CDD - Capability Development Document
CPD - Capability Production Document
DAE - Defense Acquisition Executive
DoD - Department of Defense
DoDAF - DoD Architecture Framework
FD - Full Deployment
FDD - Full Deployment Decision
FY - Fiscal Year
IA - Information Assurance
IATO - Interim Authority to Operate
ICD - Initial Capability Document
IEA - Information Enterprise Architecture
IOC - Initial Operational Capability
IP - Internet Protocol
IT - Information Technology
KPP - Key Performance Parameter
\$M - Millions of Dollars
MAIS - Major Automated Information System
MAIS OE - MAIS Original Estimate
MAR – MAIS Annual Report
MDA - Milestone Decision Authority
MDD - Materiel Development Decision
MILCON - Military Construction
MS - Milestone
N/A - Not Applicable
O&S - Operating and Support
OSD - Office of the Secretary of Defense
PB - President's Budget
RDT&E - Research, Development, Test, and Evaluation
SAE - Service Acquisition Executive
TBD - To Be Determined
TY - Then Year
U.S.C- United States Code
USD(AT&L) - Under Secretary of Defense for Acquisition, Technology, & Logistics

Program Information

Program Name

Integrated Strategic Planning and Analysis Network Increment 5 (ISPAN Inc 5)

DoD Component

Air Force

Responsible Office

Program Manager

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References

MAIS Original Estimate

This investment does not have an approved program baseline; therefore, no Original Estimate has been established.

Program Description

ISPAN is a system-of-systems that spans multiple security enclaves for strategic and operational level planning and leadership decision making. The system is composed of two primary components: (1) a Global Adaptive Planning Collaborative Information Environment (GAP CIE) that manages strategy-to-execution planning across all United States Strategic Command (USSTRATCOM) mission areas; and (2) a Mission Planning and Analysis System (MPAS) that supports developing nuclear and conventional force application plans. MPAS enables USSTRATCOM to accomplish its unique mission of developing Joint Staff Level I through Level IV nuclear and conventional attack options for national and theater requirements. Today's force planning is increasingly complicated due to weapons reductions, increased accuracy requirements and delivery options, changing targeting requirements, shortened timelines for senior leader decision-making, and reduced financial resources to develop and sustain these national planning capabilities. Both GAP CIE and MPAS establish a framework to support USSTRATCOM's effects-based planning and analysis activities.

ISPAN is a multi-increment effort designed to incrementally add capability for USSTRATCOM and the National Command Authorities. The program is currently comprised of ISPAN Block 1, ISPAN Increment (Inc) 2, ISPAN Inc 3, ISPAN Inc 4, and ISPAN Inc 5. ISPAN Block 1 modified and delivered capability for both the GAP CIE and MPAS components, and is currently in sustainment. ISPAN Inc 2 further developed and provided increased capability for only the GAP CIE component and is also currently in sustainment. ISPAN Inc 3 was envisioned to further develop only the GAP CIE component, however, higher priorities and financial limitations precluded that effort. ISPAN Inc 4 is modernizing only the MPAS component and will enable it to fulfill USSTRATCOM requirements for a more timely, flexible, and agile planning capability by: reducing Crisis Action Planning and Time Sensitive Planning timelines; integrating nuclear and conventional kinetic weapon capabilities to optimize weapons effects; integrating planning and analysis capabilities of future Global Strike weapons and their corresponding systems; and leveraging new technology to sustain and update the system to train users in less time and lower costs. ISPAN Inc 4 is currently still in development and is anticipated to achieve FDD in August 2018.

ISPAN Inc 5 is envisioned as a follow-on to ISPAN Inc 4 in order to respond to USSTRATCOM requirements for improved Resiliency and Consequence of Execution analysis, among other potential capabilities for only the MPAS component.

Business Case

The following information has not been provided in a previous annual report.

Business Case Analysis, including the Analysis of Alternatives:

Firm, Fixed-Price Feasibility: When making the selection of contract type to execute the program's next acquisition phase, the Milestone Decision Authority will choose between fixed-price and cost-type contracts consistent with the level of cost risk associated with the effort.

Cost Estimate: The program has not experienced a Critical Change which would induce the independent cost estimate required by 10 U.S.C. 2334(a)(6).

Certification of Business Case Alignment; Explanation: A business case for the ISPAN Inc 5 Program has not yet been completed, thus it is premature to certify that the technical and business requirements have been reviewed and validated to ensure alignment with the business case.

Program Status

No Baseline: This Automated Information System Investment has not yet been baselined. The information provided herein is appropriate to the current status of the program. No Original Estimate is being established by this report.

The Program Management Office will be using the FY17 RDT&E dollars for pre-MS-B risk reduction activities.

Schedule

This investment does not have an approved program baseline. Therefore, the information provided here does not constitute an Original Estimate.

Memo

No Five-Year Development Clock Start Date has been established at this time, as the MDA has not yet validated the selection of a preferred alternative.

Performance

This investment does not have an approved program baseline. Therefore, the information provided here does not constitute an Original Estimate.

No Key Performance Parameters have been approved for ISPAN Inc 5.

Memo

No KPPs have been approved for ISPAN Inc 5.

Funding

This investment does not have an approved program baseline. Therefore, the information provided here does not constitute an Original Estimate. The following funding data is extracted from the FY 2017 President's Budget documentation.

ISPAN Inc 5					
Fiscal Year	RDT&E (TY \$M)	Procurement (TY \$M)	MILCON (TY \$M)	Acq O&M (TY \$M)	
2016	0.0	0.0	0.0	0.0	0.0
2017	8.9	0.0	0.0	0.0	0.0
2018	0.0	0.0	0.0	0.0	0.0
2019	0.0	0.0	0.0	0.0	0.0