

September 2005

INFORMATION TECHNOLOGY

Management Improvements Needed on Immigration and Customs Enforcement's Infrastructure Modernization Program





Highlights of GAO-05-805, a report to congressional committees

Why GAO Did This Study

The Department of Homeland Security's (DHS) Atlas program is intended to modernize Immigration and Customs Enforcement's (ICE) information technology (IT) infrastructure. By congressional mandate, DHS is to develop and submit for approval an expenditure plan for Atlas that satisfies certain legislative conditions, including a review by GAO. GAO was asked to determine whether the plan satisfied certain legislative conditions and to provide observations on the plan and management of the program.

What GAO Recommends

To strengthen Atlas planning and management, GAO recommends that the Secretary of DHS ensure that ICE follows through on commitments to implement effective management controls and capabilities by, among other things, revising and updating the costbenefit analysis; making the program office operational; developing and implementing rigorous performance program management practices; and ensuring that future expenditure plans fully disclose the system capabilities, schedule, cost, and benefits to be delivered. In its written comments on this report, DHS concurred with GAO's recommendations and stated actions that it was taking to implement them.

www.gao.gov/cgi-bin/getrpt?GAO-05-805.

To view the full product, including the scope and methodology, click on the link above. For more information, contact Randy Hite, (202) 512-3439, HiteR@gao.gov.

INFORMATION TECHNOLOGY

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What GAO Found

DHS's fiscal year 2004 Atlas expenditure plan, related documentation, and program officials' statements satisfied all conditions imposed by Congress, including (1) meeting the capital planning and investment control review requirements established by the Office of Management and Budget (OMB); (2) complying with the DHS enterprise architecture; (3) complying with the acquisition rules, requirements, guidelines, and systems acquisition management practices of the federal government; and (4) being reviewed and approved by ICE's Investment Review Board, DHS, and OMB. However, this satisfaction is based more on plans and commitments that provide for meeting these conditions than on completed actions. As such, much remains to be accomplished for Atlas planning and management efforts to be considered effective and thereby minimize the risks associated with the program's capacity to deliver promised IT infrastructure capabilities and benefits on time and within budget.

GAO developed a number of observations about the expenditure plan and DHS's management of the program. The observations address the need for economic justification of Atlas, rigorous and disciplined program management practices, performance measurements that are linked to goals and benefits, and an expenditure plan that provides sufficient information on program commitments for it to be a useful accountability tool. For example, Atlas's existing economic justification does not reflect recent and planned changes in the program's scope and purpose, including plans to expand the program beyond IT infrastructure upgrades. In addition, program management controls and capabilities have yet to be established. While ICE has begun to establish an Atlas program office, this office is not yet operational and is not adequately staffed. For example, while ICE has assigned a program manager and three contracting staff, it has not yet determined how many staff will be needed on the Atlas projects. In addition, while the program manager recently assessed staffing needs for program support positions, and identified several, none have been filled (see graphic).

Proposed Program Management Office



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Abbreviations

DHS	Department of Homeland Security
ICE	Immigration and Customs Enforcement
IT	information technology
OMB	Office of Management and Budget

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United States Government Accountability Office Washington, D.C. 20548

September 7, 2005

The Honorable Judd Gregg Chairman The Honorable Robert C. Byrd Ranking Member Subcommittee on Homeland Security Committee on Appropriations United States Senate

The Honorable Harold Rogers Chairman The Honorable Martin Olav Sabo Ranking Member Subcommittee on Homeland Security Committee on Appropriations House of Representatives

The 2004 Department of Homeland Security Appropriations Act¹ provided \$40 million for Immigration and Customs Enforcement's (ICE) program to modernize its information technology (IT) infrastructure.² The goals of the program—which ICE refers to as "Atlas"—are to, among other things, improve information sharing, strengthen information security, and improve workforce productivity. The act provided that the Department of Homeland Security (DHS) was prohibited from obligating the \$40 million until it developed a plan for how the funds are to be spent that satisfied certain legislative conditions, including having the plan reviewed by us. On March 16, 2005, DHS submitted its fiscal year 2004 expenditure plan to the Senate and House Appropriations Subcommittees on Homeland Security. Pursuant to the act, we reviewed the plan; our objectives were to (1) determine whether the plan satisfies legislative conditions specified in the act and (2) provide any other observations about the plan and management of the program.

On May 10 and 24, 2005, we briefed the Senate and House Homeland Security Subcommittee staffs, respectively, on the results of our review.

¹Pub. L. No. 108-90 (Oct. 1, 2003).

²During fiscal year 2004, the Department of Homeland Security reprogrammed about \$30.2 million of the \$40 million to address other ICE priorities, thereby leaving \$9.8 million for the program.

	This report transmits the results of that work. The full briefing, including our scope and methodology, is reprinted in appendix I.
Compliance with Legislative Conditions	DHS satisfied each of the applicable legislative conditions specified in the act. In particular, the plan, including related program documentation and program officials' statements, satisfied or provided for satisfying all key aspects of (1) meeting the capital planning and investment control review requirements of the Office of Management and Budget (OMB); ³ (2) complying with the DHS enterprise architecture; ⁴ (3) complying with acquisition rules, requirements, guidelines, and systems acquisition management practices of the federal government; and (4) having the plan reviewed and approved by ICE's Investment Review Board, DHS, and OMB. However, satisfaction of these legislative conditions is based in large part on plans and oral commitments by program officials that provide for meeting the conditions. To illustrate, OMB capital planning requirements direct agencies planning to make a major IT investment, like Atlas, to among other things (1) summarize the investment's life-cycle costs; (2) analyze costs and benefits, including return on investment; (3) establish performance goals and measures; and (4) develop security and privacy plans. The Atlas program does not have a current life-cycle cost estimate nor a current cost-benefit analysis showing return on investment. It also does not have a complete set of performance measures. Further, the program does not have an up-to-date security plan that includes Atlas, and officials have yet to develop a privacy impact assessment for the program. The program manager acknowledged these shortfalls and either planned or orally committed to fully satisfy the requirements when expenditure plan funds become available.

³OMB Circular A-11 establishes policy for planning, budgeting, acquiring, and managing federal capital assets. Capital investment and control requirements are now found in OMB Circular A-11, part 7, rather than in part 3.

⁴An enterprise architecture provides a clear and comprehensive picture of an organization's operations and its supporting systems and infrastructure. It is an essential tool for effectively and efficiently engineering business processes and for implementing and evolving supporting systems in a manner that maximizes interoperability, minimizes overlap and duplication, and optimizes performance.

Other Observations on the Expenditure Plan and Management of Atlas	Our observations address the need for economic justification of Atlas, rigorous and disciplined program management practices, performance measurements that are linked to goals and benefits, and an expenditure plan that provides sufficient information on program commitments to make the plan a useful accountability tool. An overview of specific observations follows:
	• Economic justification (i.e., analysis of costs and benefits) does not reflect recent and planned changes in the program's scope and purpose. The existing cost-benefit analysis—which was developed in 2002—has not yet been revised to reflect changes in the program's scope and purpose. Since ICE became responsible for Atlas in 2003 (inherited from the Immigration and Naturalization Service) it has materially changed the program's scope, purpose, and priorities. Specifically, Atlas was expanded to (1) support additional law enforcement units ⁵ (and their business requirements) that were merged into ICE and (2) provide the flexibility to support new ICE priorities, such as integrating future antiterrorism programs and projects and facilitating information sharing with domestic and international law enforcement organizations. In addition, the program is also being expanded beyond infrastructure upgrades to include efforts to streamline and reengineer core business functions with the application of IT. According to the fiscal year 2004 expenditure plan and program manager, revising the analysis is a "next step" to be taken and the goal is to have a contractor complete an updated cost-benefit analysis on or about September 30, 2005.
	• <i>Program management controls and capabilities have yet to be</i> <i>established.</i> ICE has begun to establish an Atlas program office; however, the program office is not yet operational. Specifically, the bureau has drafted a management structure and plan, which includes staff roles and responsibilities. However, the structure and plan are currently being reviewed by ICE management and have not been made final. Moreover, of the \$63.52 million that ICE reported was obligated for Atlas in fiscal years 2002 and 2003, only about \$900,000 (or about 1.4 percent of the total amount) was obligated for program management capabilities. In contrast, our work on other IT modernization programs (including two in DHS) show that 19 percent was invested in such

⁵The units include the Federal Air Marshals Service, Federal Protective Service, Customs investigations, and Customs intelligence.

management capabilities. In addition, while key acquisition management processes have been defined in ICE's System Development Life Cycle methodology, the program office has yet to implement these processes.

Further, the program office is not adequately staffed.⁶ Currently, the office has staffed the program manager position, and it has three contracting staff performing functions such as developing staffing needs assessments and other program management-related activities. While the program manager recently assessed staffing needs for program support positions (e.g., financial management, contracting, and enterprise architecture), he has not yet performed a needs assessment to determine the staffing needs for the five of the six projects that comprise the Atlas program. Moreover, of the seven program support positions that the program manager has determined are needed, none have been filled, according to program officials. The program manager stated that ICE plans to strengthen program management controls and capabilities once funds provided for in the expenditure plan are available.

• *Program goals, expected benefits, and reported achievements are not fully aligned.* The Atlas expenditure plan and documentation show that the program has defined goals and expected benefits and has reported actual achievements accomplished during fiscal years 2002 and 2003. However, the relationships among goals, benefits, and achievements have not been defined and are not apparent in all cases. Moreover, the reported achievements are not expressed in terms of measurable outcomes or results, but rather as activities completed. The program manager stated that the 2002 and 2003 achievements were not analyzed and aligned to program goals and benefits, and that outcome-based measures were not developed in part because the emphasis at the time was on buying and deploying long overdue infrastructure upgrades as quickly as possible. He stated that in the future, the program intends to define, ensure, and disclose the linkage among program goals, benefits, and results.

⁶According to the program manager, Atlas staffs were transferred to the US-Visitor and Immigrant Status Indicator Technology program in 2003, which is managed by the DHS Under Secretary for Border and Transportation Security.

•	Fiscal year 2004 expenditure plan does not provide sufficient
	information on program commitments to permit effective
	congressional oversight. The Atlas expenditure plan does not show the
	level of detail and scope of the program needed for Congress to
	understand its plans and commitments relative to system capabilities,
	cost, benefits, and schedule. Further, it does not sufficiently describe
	progress made against program commitments (e.g., expected benefits).
	According to the program manager, the state of the plan reflects the
	program's uncertainty about the appropriate level of detail in
	expenditure plans. He stated that future plans will include missing
	content.

Conclusions

The fiscal year 2004 Atlas expenditure plan, in combination with related program documentation and program officials' statements, satisfies the legislative conditions set forth by Congress. However, this satisfaction is based more on plans and commitments that provide for meeting these conditions than on completed actions. As such, much remains to be accomplished for Atlas planning and management efforts to be considered effective and thereby minimize the risks associated with the program's capacity to deliver promised IT infrastructure capabilities and benefits on time and within budget.

The current state of planning and management puts the program at risk. While this is partially due to events beyond the program's control, such as the department's decision to reprogram Atlas funding and to redeploy Atlas staff to competing DHS priorities, as well as to change the program's scope and purpose when it transitioned from the Immigration and Naturalization Service to ICE, it is also due to the program's decision not to use fiscal years 2002 and 2003 funds to invest in program management capabilities.

Given that more than \$60 million has reportedly been obligated to date on the program, resources have been available to strengthen planning and management capabilities in key areas, but investment in these areas has been deferred. Deferral of establishing such program planning and management controls and capabilities—such as having reliable and current economic justification for the program; a capable program office; and clearly aligned program goals, benefits, and performance measures introduce unnecessary risk to the program.

Moreover, not providing congressional decision makers with the information that they need about program commitments to be met with the

	expenditure plan funds—including the benefits to be produced, the capabilities to be delivered, and the cost and schedule estimates to be met—impedes congressional oversight.
Recommendations for Executive Action	To minimize risks to the Atlas program, we recommend that the Secretary of Homeland Security, through the Under Secretary for Border and Transportation Security, direct the Assistant Secretary for Immigration and Customs Enforcement to ensure that ICE follows through on commitments to implement effective management controls and capabilities by taking the following five steps:
	• Revising and updating the cost-benefit analysis, to identify current mission requirements; how they will be met; and an estimate of the program's incremental and life-cycle costs, benefit, schedule, and return on investment. This should also include establishing plans, associated tasks, and milestones for accomplishing this effort.
	• Making the Atlas program office operational by (1) developing a staffing needs assessment to determine the positions and the level of staffing needed for all projects to adequately manage the program, including a human capital strategy and timetable for acquiring the staff and bringing them on board; (2) finalizing the roles and responsibilities for the positions identified in the staffing assessment and for the projects; and (3) implementing and institutionalizing key acquisition management controls, including risk management processes where relevant responsibilities are assigned and key risks and their status are reported to an executive body.
	• Developing and implementing an updated Atlas security plan and privacy impact assessment. This should also include establishing plans, associated tasks, and milestones for accomplishing this effort.
	• Developing and implementing rigorous performance management practices for the Atlas program that include properly aligned goals, benefits, achievements, and anticipated achievements that are defined in measurable terms. This should also include establishing plans, associated tasks, and milestones for accomplishing this effort.
	• Ensuring that future expenditure plans fully disclose the system capabilities, schedule, cost, and benefits to be delivered, as well as the acquisition strategy for Atlas.

Agency Comments

In the department's written comments on a draft of this report, which were contained in a letter signed by the director, DHS Departmental GAO/Office of Inspector General Liaison, DHS concurred with all of our recommendations and stated actions it was taking to implement them. DHS's comments are reprinted in appendix II.

We are sending copies of this report to the Chairmen and Ranking Members of other Senate and House committees and subcommittees that have authorization and oversight responsibilities for homeland security. We are also sending copies to the Secretary of Homeland Security and the Director of OMB. Copies of this report will also be available at no charge on our Web site at www.gao.gov.

Should you or your offices have any questions on matters discussed in this report, please contact me at (202) 512-3439 or at hiter@gao.gov. Contact points for our Offices of Congressional Relations and Public Affairs may be found on the last page of this report. Key contributors to this report are listed in appendix III.

and ligh C. Hite

Randolph C. Hite Director, Information Technology Architecture and Systems Issues









Accountability * Integrity * Beliability	Introduction
 is reviewed and approved by ICE's Investment Review Board OMB, and 	d (IRB), ⁵ DHS, and
 is reviewed by GAO. 	
During fiscal year 2004, DHS reprogrammed about \$30.2 million to cover other ICE priorities, leaving \$9.8 million for the program.	of the Atlas funds
DHS submitted its fiscal year 2004 expenditure plan for \$9.8 milli 2005, to its Senate and House Appropriations Subcommittees on Security.	
⁵ The purpose of the IRB is to integrate capital planning and investment control, budgeting, and acquisition. It is also to investments directly supports and furthers the mission and that this spending provides optimal benefits and capabilitie	
customers.	5



Le	Legislative conditions Status			
1.	Meets the capital planning and investment control review requirements established by OMB, including OMB Circular A-11, part 7. ⁶	Satisfied ⁷		
2.	Complies with the DHS enterprise architecture.	Satisfied		
3.	Complies with the acquisition rules, requirements, guidelines, and systems acquisition management practices of the federal government.	Satisfied		
4.	Is reviewed and approved by ICE IRB, DHS, and OMB.	Satisfied		
5.	Is reviewed by GAO.	Satisfied		





Accountability * Integrity * Reliability	Background ICE
ICE was formed as a component agency of DHS in 2003 when the enforcement functions of the Justice Department's former Immig Naturalization Service (INS) and the Treasury Department's form Service, among other agencies, were merged into DHS.	ration and
The ICE mission is to ensure the security of the American people investigating violators of, and thereby, enforcing the nation's imm customs laws; protecting U.S. commercial air carriers, airports, p crews; policing and securing federal buildings and other facilities analyzing, and disseminating intelligence to assist it in these end	nigration and bassengers, and ; and collecting,
Headed by the Assistant Secretary of Immigration and Customs has approximately 15,000 employees in over 400 offices domest countries.	
The Atlas program was started by INS in 2002. Responsibility fo transferred to ICE in 2003 as part of the establishment of DHS.	r the program was
The figure on the following page shows ICE and Atlas organizati within the department.	onal placement
	10







	Backgrou Reliability Atlas Proje
	4 expenditure plan states that Atlas consists of seven s, which are briefly described below.
Project	Description
	•Acquire and deploy a common e-mail application (MS Exchange) to replace multiple and disparate e-mail applications currently in use across ICE organizations.
Common Computing Environment	•Implement hardware and software (i.e., Active Directory) that enables the common e-mail application to operate on multiple local area networks.
	Install new desktop computers.
Integration (Connectivity)	•Connect new bureau organizations (e.g., Federal Protective Service, Federal Air Marshal Service) to ICE's communications network to, among other things, provide investigators and other staff quicker access to information used to accomplish mission duties.
	 Identify a solution for optimizing the integration and performance of these connections and develop a plan to implement it.
Electronic Access and E-Government	According to the program manager, Electronic Access and E-Government has recently been merged with the Enterprise Information project, which is described on the next slide.

	A Backgrou Atlas Proje
Project	Description
Enterprise Information	 Develop and prototype an approach to integrate systems and information across ICE, including developing a central data repository with the capabilities to access, navigate, and search information across multiple sources (referred to as Enterprise Query) and share information across existing systems on a real time basis (referred to as Enterprise Interoperability). Establish infrastructure to support implementation of Web-based applications (i.e.,
	electronic government).
Information Assurance	•Strengthen security of ICE's information, network, and systems by expanding the capabilities of the bureau's Security Operations Center in the following areas: audit log management, intrusion detection, firewall management, cryptographic services, computer forensics, vulnerability scanning, and penetration testing.
Infrastructure Engineering	•Provide engineering facilities (e.g., interoperability laboratory) and automated tools and procedures to manage and operate ICE's IT infrastructure and evaluate and test new technologies before deploying them in the operational environment.

Project	Description
	•Implement program management structures, policies, and processes to stand up the program office.
	•Provide adequate program office staffing.
Transformation	•Centralize and streamline procurement planning and procedures to enable more efficient purchasing of hardware and software products and services.
Planning	•Manage and oversee Atlas projects and contractors, including developing tools to help in these endeavors.
	•Ensure compliance with DHS's enterprise architecture.
	•Monitor adherence to cost, schedule, and performance goals.



Accountability * Integrity * Reliability		Δ	Backgrour
As shown in the table below fiscal years 2002 and 2003 a	, ICE reports that i appropriated funds	t has obligated \$6 on various Atlas	3.52 ¹¹ million in projects.
Project	Expenditures in fiscal year 2002	Expenditures in fiscal year 2003	Total
	(in millions)	(in millions)	(in millions)
Common Computing Environment	\$0	\$10.51	\$10.51
Integration (Connectivity)	6.09	20.41	26.50
Electronic Access and E- Government	0	0	0
Enterprise Information	1.34	4.56	5.90
Information Assurance	10.20	9.52	19.72
Infrastructure Engineering	0	0	0
Transformation Planning	0	.89	.89
Total	\$17.63	\$45.89	\$63.52

Source: DHS data.

¹¹According to the program manager, of the \$63.57 million that Congress appropriated in fiscal years 2002 and 2003, \$63.52 million was obligated to Atlas projects and the remainder (\$.05 million) was reprogrammed to other ICE priorities.

Accountability * Integrity * Reliability	, Plan	ned Use of Fiscal Year 2004 Fundi
according to the fiscal year rojects that are immediate		an, the \$9.8 million will be spent on five n.
Project	FY 04 Funds (in millions)	Planned Use
Common Computing Environment	\$3.5	Acquire and deploy e-mail application to ICE organizations.
		Implement Active Directory.
		Develop plan for acquiring desktop computers.
Integration (Connectivity)		Connect new ICE organizations' systems to bureau's
	3.4	communications network.
		 Develop solution and implementation plan for optimizing performance of connections.
Electronic Access and E- Government ¹²	0	None.
Enterprise Information	-	Begin developing data repository and Enterprise Query capability.
	.75	 Convert selected existing administrative applications (e.g., time and attendance) to Web-based environment.
Information Assurance	0	None.
Infrastructure Engineering	.25	Develop laboratory to test and evaluate to-be-acquired desktop computers and other equipment.
Transformation Planning		Acquire program office support staff.
	1.92	Acquire automated tool to help manage and oversee projects, including cost, schedule, and performance.
		Study how to streamline procurement processes.
Total	\$9.82	



	Objective 1 Resu l Legislative Conditio	
Examples of OMB Circular A-11		
requirements	Results of our findings	
Indicate whether the investment was approved by an investment review committee.	The plan was approved on November 16, 2004, by the ICE IRB chair and on January 12, 2005, by the chief information officer, who chairs the DHS Enterprise Architecture Board.	
Provide justification and describe acquisition strategy.	The plan and supporting documentation justify the program on the basis of current capability deficiencies and mission needs. However, neither includes an analysis of costs and benefits or return on investment. These documents also provide some aspects of a high-level acquisition strategy, such as identifying the five contracts that have been, and are to be used to acquire hardware and software products and program suppor services. The program manager stated that a current cost-benefit analysis and a more detailed acquisition strategy will be developed once expenditure plan funds become available.	
Summarize life cycle costs and cost-benefit analysis, including the return on investment.	The program does not have a current life-cycle cost estimate nor a current cost-benefit analysis showing return on investment. Program officials stated they intend to revise and update by September 2005 Atlas's cost-benefit and other analyses (dated 2002). However, the officials did not have documentation defining how this was to be accomplished. The program manager stated that a current cost and benefit analysis will be developed once expenditure plan funds become available. ¹⁴	
Provide performance goals and measures.	The plan and supporting documentation identify one preliminary performance metric for each of Atlas's planned projects. According to the program manager, these are the program's initial performance measures and additional measures, linked to program goals, will be developed once expenditure plan funds become available. Performance goals and measures were not used to track the \$63 million invested in Atlas during fiscal years 2002 and 2003. ¹⁴	

Examples of OMB Circular A-11 requirements	Results of our findings
Address security and privacy.	The plan and supporting documentation state the importance of security and privacy and provide high-level information on intended security measures, including one proposed project—Information Assurance—that is intended to implement a bureauwide security program. In addition, ICE has a December 2003 bureau-wide security plan. However, plans for the Information Assurance project have not been developed, and the expenditure plan does not allocate any fiscal year 2004 funding to the project. Further, ICE's December 2003 bureauwide security plan does not mention Atlas or the Information Assurance project. Moreover, ICE has not developed an Atlas privacy impact assessment. According to the program manager, ICE intends to update the security plan and prepare a privacy impact assessment, but existing plans do not provide for how and when this will be accomplished.
Provide risk inventory and assessment.	Assessments performed on risks were via ad hoc meetings. A draft risk management plan was developed from these meetings and the plan contains an inventory of risks. It does not, however, identify, among other things, how the risks will be monitored. The Atlas program manager stated that the program office is in the process of developing more effective risk management and oversight processes and intends to add a risk analyst position when Atlas funding is received.












Accountability * Integrity *	Legislative Conditio
Examples of practices	Results of our analysis
Acquisition planning ¹⁶ Ensures that reasonable planning for the acquisition is conducted including, among other things, developing an acquisition strategy and plan, determining the cost and schedule, and identifying risks, and defining requirements.	The expenditure plan and supporting documents (e.g., the fiscal year 2005 Atlas budget submission to OMB known as an Exhibit 300) provide aspects of a high-level acquisition strategy, such as identifying the five contracts that have been, and are to be used, to acquire products and program support services. According to the program manager, a detailed acquisition strategy will be developed when expenditure plan funds become available and current program life cycle cost and schedule estimates will be developed by September 2005. A draft risk management plan for the program has been developed that contains an inventory of risks, and according to the fiscal year 2004 expenditure plan and the Atlas program manager, the program will follow the bureau's 2002 System Development Life Cycle, which we have previously reported addresses key system acquisition planning and requirements definition activities. ¹⁹
Project management [∞] Provides for the management of activities within the project office and supporting contractors to ensure a timely, efficient, and cost-effective acquisition.	ICE has begun to establish a program office with responsibility for managing the acquisition, deployment, operation, and sustainment of Atlas. However, current staffing consists of a program manager and three contractor support staff, leaving key program office positions not staffed (e.g., project managers, EA analyst, business analyst, risk analyst). The expenditure plan states that the program office will comply with the bureau's 2002 System Development Life Cycle, which includes activities to promote a timely, efficient, and cost-effective acquisition, such as implementing key acquisition management processes advocated by Software Engineering Institute's acquisition model, and monitoring progress through monthly reports on project cost, schedule, and performance.
arch 2002).	on Software Engineering Institute, Software Acquisition Capability Maturity Model (SA-CMM®), Version 1.03















































Comments from the U.S. Department of Homeland Security

LS. Department of Homeland Security Washington, DC 20528 Homeland Komeland Security August 18, 2005
Security
August 18, 2005
Mr. Randolph C. Hite Director, Information Technology Architecture and System Issues U.S. Government Accountability Office Washington, DC 20548
The Department of Homeland Security (DHS) appreciates the opportunity to review and comment on the Government Accountability Office's (GAO) draft report GAO-05-805 entitled, "INFORMATION TECHNOLOGY: Management Improvements Needed in Immigration and Customs Enforcement's Infrastructure Modernization Program". The Department concurs with all recommendations for executive action contained in the report.
To minimize risks to the Atlas program, GAO made the following recommendations to ensure Immigration and Customs Enforcement (ICE) follows through on commitments to implement effective management controls and capabilities.
It should also be noted that with the recent release of expenditure authority for the ATLAS FY04 funds, ICE is now better positioned to aggressively address the concerns identified in the GAO Draft Report. Some of the immediate steps already taken are described below.
GAO Recommendation 1: Revising and updating the cost-benefit analysis, to identify current mission requirements, how they will be met, and an estimate of the program's incremental and life cycle costs, benefit, schedule and return on investment. This should also include establishing plans, associated tasks and milestones for accomplishing this effort.
Response: An Atlas Preliminary Business Case was completed on June 21, 2005. It reflects a high-level statement of the planned functionality and environment established by Atlas. The Atlas Comprehensive Business Case is being developed and is scheduled for completion by September 30, 2005. The Atlas Comprehensive Business Case will include a detailed cost benefit analysis, operations and maintenance costs for all six Atlas projects.
GAO Recommendation 2: Making the Atlas Program office operational by (1) developing a staffing needs assessment to determine the positions and the level of staffing needed for all projects to adequately manage the program, including a human capital strategy for acquiring the staff and a timetable for bringing them on board; (2) finalizing the roles and responsibilities for the positions identified in the staffing assessment and for the projects; and (3) implementing and institutionalizing key acquisition management controls, including risk management processes where relevant responsibilities are assigned and key risks and their status are reported to an executive body.
www.dhs.gov



We thank you for the opportunity to provide comments on this draft report and look forward to working with you on future homeland security issues. Sincerely, ecinovsky Steven J. Director, Departmental GAO/OIG Liaison

GAO Contact and Staff Acknowledgments

GAO Contact	Randolph C. Hite, (202) 512-3439
Staff Acknowledgments	In addition to the individual named above, Gary Mountjoy, Assistant Director; Nancy Glover; James Houtz; and Tammi Nguyen made key contributions to this report.

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