

United States Government Accountability Office Washington, DC 20548

July 14, 2006

The Honorable Christopher Bond Chairman The Honorable Patty Murray Ranking Minority Member Subcommittee on Transportation, Treasury, the Judiciary, HUD and Related Agencies Committee on Appropriations United States Senate

Subject: Information Technology Management: Observations on the Financial Crimes Enforcement Network's (FinCEN's) BSA Direct Retrieval and Sharing (BSA Direct R&S) Project

FinCEN's primary function is to support and strengthen domestic and international antimoney laundering efforts through coordination and partnerships. Since its creation in 1990, FinCEN has been responsible for overseeing the management, processing, storage and dissemination of Bank Secrecy Act (BSA) data.¹ In 2004, FinCEN embarked on a major initiative intended to improve the sharing of information reported under the Bank Secrecy Act. BSA Direct is an umbrella project intended to provide secure, user-friendly, web-based tools for accessing, analyzing, and filing BSA data. It is part of a broad effort to reengineer data management responsibilities and transition them from the IRS. During the early spring of 2006, it became clear to FinCEN that the Retrieval and Sharing component of the BSA Direct project (BSA Direct R&S) was not going to meet the critical implementation deadline of June 30, 2006.

Objectives

Because FinCEN has experienced problems with development and implementation of the BSA Direct R&S, you asked us about the project's current status and to provide observations on FinCEN's IT investment management practices. Our objectives were to (1) describe BSA Direct R&S and the project's current status; (2) examine FinCEN's application of information technology (IT) investment management

¹ The Bank Secrecy Act, enacted by Congress in 1970, authorizes the Secretary of the Treasury to issue regulations requiring financial institutions to retain records and file reports that are determined to have a significant degree of usefulness in criminal, tax, and regulatory investigations or in the conduct of intelligence or counterintelligence activities, including analysis, to protect against international terrorism. Pub. L. 91-508, codified as amended at 12 U.S.C. 1829b,12 U.S.C. 1951-1959 and 31 U.S.C. 5311-5332.

processes to the BSA Direct R&S project; and (3) describe, at a high level, the range of options FinCEN may consider as it reexamines the BSA Direct R&S project.

We are sending copies of this report to the Secretary of Treasury, the Director of FinCEN, and interested congressional committees. We will also provide copies to others on request.

Scope and Methodology

To provide observations on FinCEN's BSA Direct R&S project, we reviewed and analyzed BSA Direct planning and implementation documents, interviewed agency officials at FinCEN, the Internal Revenue Service (IRS), and some users of BSA information such as federal law enforcement agencies. We also examined FinCEN's application of IT investment management processes to the BSA Direct R&S project using GAO's guide, Information Technology Investment Management: A Framework for Assessing and Improving Process Maturity,² as our criteria. We did not conduct a comprehensive review of FinCEN's investment management practices. We focused on critical processes associated with Stage 2 of the five-stage framework because they represent the practices needed for basic project-level control. We reviewed project documents such as the Office of Management and Budget Exhibit 300, the original BSA Direct R&S contract and revisions, progress reports, interim briefings, and project assessments conducted by MITRE. We also interviewed FinCEN officials responsible for investment management and the BSA Direct R&S project, the contractor conducting the BSA Direct R&S project, and MITRE officials involved in the project. We conducted our review according to generally accepted government auditing standards between May and July 2006.

In late June 2006, we provided a detailed briefing to your staff on the results of this work. The briefing slides are included as Enclosure I. The purpose of this letter is to publish the briefing slides and to transmit our recommendations to the Director of FinCEN.

<u>Results in Brief</u>

On March 15, 2006 the director of FinCEN placed the Retrieval and Sharing component of the BSA Direct project under a temporary "stop work" order because of significant cost, schedule, and performance issues. For example, phase one of the project was planned for completion in 250 days but was actually completed in 373 days.

Judging against the criteria of GAO's framework for information technology investment management , GAO found that FinCEN did not always apply effective investment management processes to oversee the BSA Direct R&S project. This, in part, contributed to the problems experienced by the project, because issues that occurred at the project management level continued and compounded, yet were not addressed at the executive level. For example, MITRE—the organization assisting FinCEN with project monitoring—identified multiple occasions where FinCEN did not take action to mitigate project risks or address significant de-scoping of project functionality.

² See U.S. GAO, Information Technology Investment Management: *A Framework for Assessing and Improving Process Maturity GAO-04-394G* (Washington, D.C.: March 2004).

FinCEN is considering three basic options in determining whether or not to continue the BSA Direct R&S project. These include reestablishing a modified contract; finding a new contractor to take over the project; or terminating the contract and assessing needs and plans for new capabilities. FinCEN's inadequate application of sound information technology investment management processes and controls to the BSA Direct R&S project contributed to the cost, schedule, and performance issues that have plagued the project from its inception. FinCEN plans to determine the future direction of BSA Direct R&S in mid-July 2006. Regardless of what decision is made, FinCEN runs the risk of having similar problems and similar results in the future unless better investment management processes are put in place.

Recommendation for Executive Action

In light of the issues experienced on the BSA Direct R&S project, we recommend that the Director of FinCEN direct the Chief Information Officer (CIO) to develop a plan for improving the agency's capabilities for overseeing the BSA Direct project. The plan should focus in particular on establishing policies and procedures for executives to regularly review investments' progress against commitments and take corrective actions when these commitments are not met. In addition, the plan should (1) specify measurable goals, objectives, and milestones; (2) specify needed resources; (3) assign clear responsibility and accountability for accomplishing tasks; and (4) be approved by the Director of FinCEN. In implementing the plan, the FinCEN CIO should report progress against expectations to the FinCEN Director and take appropriate actions to address deviations.

Agency Comments

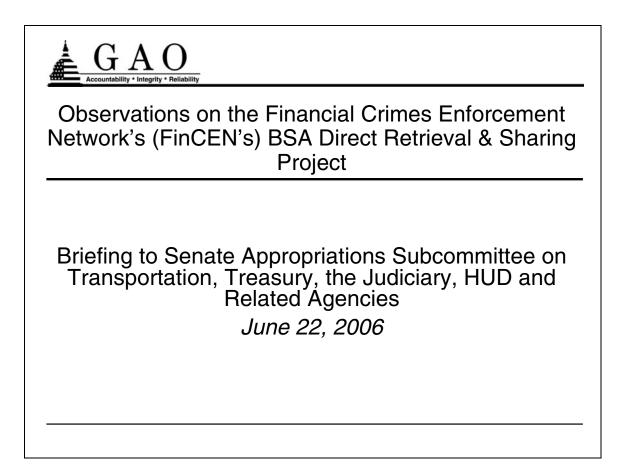
In commenting orally on a draft of this report, the Acting Deputy Chief Information Officer stated that FinCEN concurred fully with our findings and recommendation.

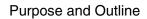
If you or your staff have any questions, or wish to discuss this material further, please call me at (202) 512-5594 or <u>whitej@gao.gov</u>. We are sending copies of this report to the Secretary of Treasury, the Director of FinCEN, and interested congressional committees. The letter is also available on GAO's home page at <u>http://www.gao.gov</u>. We will also provide copies to others on request. GAO staff who made major contributions to this report are listed in Enclosure II.

Lanus RIMA

James R. White Director, Strategic Issues

Enclosures (2)



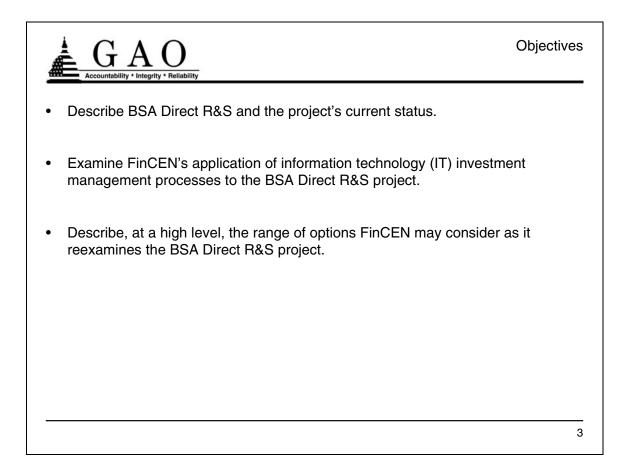




Purpose

To describe the status of the Retrieval and Sharing component of the BSA Direct project (BSA Direct R&S) [1] and provide our observations on the project and its future.

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1 BSA Direct is an overall umbrella project with several components, including: electronic filing, secure access, and retrieval and sharing. This briefing focuses on the retrieval and sharing component of BSA Direct. For purposes of clarity and to prevent confusion with the broader BSA Direct project we use the term BSA Direct R&S throughout this briefing.			



Scope and Methodology



For objectives 1, 2 and 3 we reviewed and analyzed BSA Direct R&S planning and implementation documents, interviewed agency officials at FinCEN, the Internal Revenue Service (IRS), and some users of BSA information such as federal law enforcement agencies.

In addition, for objective 2 we also examined FinCEN's application of IT investment management processes to the BSA Direct R&S project using GAO's guide, *Information Technology Investment Management: A Framework for Assessing and Improving Process Maturity*,[2] as our criteria. We focused on critical processes associated with Stage 2 of the five-stage framework because they represent the practices needed for basic project-level control. We reviewed project documents such as the Office of Management and Budget Exhibit 300, the original BSA Direct R&S contract and revisions, progress reports, interim briefings, and project assessments conducted by MITRE. We also interviewed FinCEN officials responsible for investment management and the BSA Direct project, the contractor conducting the BSA Direct R&S project, and MITRE officials involved in the project.

[2] See U.S. GAO, Information Technology Investment Management: A Framework for Assessing and Improving Process Maturity GAO-04-394G (Washington, D.C.: March 2004).

Results in Brief



On March 15, 2006 the director of FinCEN placed the retrieval and sharing component of the BSA Direct project under a temporary "stop work" order because of significant cost, schedule, and performance issues. For example, phase one of the contract was planned for completion in 250 days but was actually completed in 373 days.

Judging against the criteria of GAO's framework for information technology investment management, we found that FinCEN did not always apply effective investment management practices to oversee the BSA Direct R&S project. This, in part, contributed to the problems experienced by the project, because issues that occurred at the project management level continued and compounded, yet were not addressed at the executive level. For example, MITRE—the organization assisting FinCEN with project monitoring—identified multiple occasions where FinCEN did not take action to mitigate project risks or address significant descoping of project functionality.

FinCEN is considering three basic options in determining whether or not to continue the BSA Direct R&S project. These include reestablishing a modified contract; finding a new contractor to take over the project; or terminating the contract and assessing needs and plans for new capabilities.



Background Legislative and Statutory Authorities

The Bank Secrecy Act (BSA), enacted by Congress in 1970, authorizes the Secretary of the Treasury to issue regulations requiring financial institutions to retain records and file reports that are determined to have a significant degree of usefulness in criminal, tax, and regulatory investigations.[2] Following the September 11th terrorist attacks, Congress passed the USA PATRIOT Act, which among other things, amended the BSA to allow information collected under the BSA to be used in the conduct of intelligence or counterintelligence activities and to protect against international terrorism.

The BSA charged the Secretary of Treasury to designate "a single officer or agency of the United States to whom suspicious activity reports shall be made."[3] The agency designated for BSA compliance is responsible for overseeing the administration of the BSA. Overall authority for enforcement and compliance of the BSA has been delegated to the Assistant Secretary of the Treasury;[4] which further delegated responsibility to the Director of the Financial Crimes Enforcement Network (FinCEN), a bureau of the Department of Treasury.

[3]Pub. L. 91-508, codified as amended at 12 U.S.C. §1829b, 12 U.S.C. §§1951-1959 and 31 U.S.C. §§5311-5314;5316-5332. [4]31 U.S.C. §5318(g) (4) (A). [5]31 CFR103.56 subpart (e).



Background BSA Data Management Responsibilities

FinCEN's mission is to support and strengthen domestic and international antimoney laundering efforts through coordination and partnerships. Since its creation in 1990, FinCEN has been responsible for overseeing the management, processing, storage and dissemination of BSA data. FinCEN is the overall administrator of the Bank Secrecy Act and thus is ultimately responsible for the management of BSA data.

However, the Department of the Treasury, historically, has relied upon the Internal Revenue Service (IRS) to assist FinCEN in the management of BSA information. Under a longstanding cooperative arrangement with FinCEN, the IRS collects and stores all the data reported under the BSA. IRS's Detroit Computing Center (DCC) is the central point of collection and housing of all BSA data in a single repository. DCC maintains the infrastructure needed to collect the reports, convert paper and magnetic tape submissions to electronic media, correct errors in submitted forms through correspondence with filers, and store the data on its Currency and Banking Retrieval System (CBRS).



FinCEN's BSA Direct R&S Project Description

BSA Direct is an umbrella project intended to improve the sharing of information reported under the Bank Secrecy Act. FinCEN characterizes it as a major initiative intended to provide secure, user-friendly, web-based tools for accessing, analyzing, and filing BSA data. It has several components, including electronic filing, secure access, and retrieval and sharing.

BSA Direct is part of a broad effort by FinCEN to transition from the IRS, and reengineer, BSA data management responsibilities.

FinCEN entered into a contract with EDS in June 2004 to develop the retrieval and sharing component of BSA Direct.



FinCEN's BSA Direct Project Status

On March 15, 2006, the director of FinCEN placed the retrieval and sharing component of the BSA Direct project under a temporary "stop work" order because the project had repeatedly failed to meet performance milestones, was experiencing significant issues with both functionality and stability, and was not going to meet the critical implementation deadline of June 30, 2006. This "stop work" period, originally for 90 days, was extended by the director for an additional 30 days to July 15, 2006.

During this period all work on the project by both FinCEN employees and the project contractor have been halted. Meanwhile FinCEN is coordinating with the IRS— who currently and historically has collected and maintained BSA data— in an effort to ensure users do not experience an interruption in service. FinCEN has also assembled an assessment team that has been charged with assessing the BSA Direct R&S system, conducting an alternatives analysis, and recommending a course of action moving forward.



After FinCEN recognized BSA Direct R&S would not be implemented before the critical June 30, 2006 deadline, it determined the need to coordinate with the IRS to ensure users of BSA data do not experience an interruption in service.

Meeting the June 30, 2006 deadline was critical to the project's success because that is when IRS is shutting down the legacy system (CBRS) containing all BSA data. IRS no longer needs this legacy system because they have developed a new system, called WebCBRS, to store all BSA data and then disseminate it to internal (IRS) customers.

Meanwhile, BSA Direct R&S was intended to provide non-IRS users with access to BSA data once the legacy system was discontinued. Since FinCEN halted work on BSA Direct R&S, agency officials have been working with IRS to identify a way to provide non-IRS users with access to the WebCBRS system in the same way that they had access to CBRS.



Observations on BSA Direct R&S IT Management

There are many areas that are important to successfully managing IT, including investment management, system/software development and acquisition management, enterprise architecture management, information security, and human capital management. In each of these areas there are numerous policies and procedures that can be applied.

Of particular relevance to FinCEN's BSA Direct R&S project are investment management and system/software development and acquisition management. Investment management focuses on the selection and management oversight of an agency's or division's IT investments. Whereas, system/software development and acquisition management focuses on process management and quality improvement at the project management level.

The Office of the Inspector General for Treasury is conducting a review of the BSA Direct R&S project and the system/software development and acquisition management processes and procedures that were in place. Therefore, for the purposes of this briefing, the focus is to provide our observations on FinCEN's application of some investment management processes and procedures to the BSA Direct R&S project.

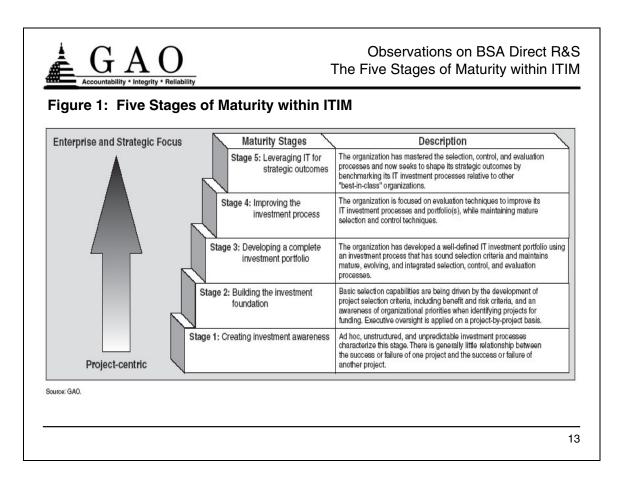


Observations on BSA Direct R&S ITIM Overview

The Information Technology Investment Management (ITIM) framework focuses on the selection and management oversight of an agency's or division's IT investments. Built around the select/control/evaluate approach described in the Clinger-Cohen Act [6], the ITIM framework provides a method for evaluating and assessing how well an agency is selecting and managing its IT resources. Agencies can also use the framework as they work to improve their processes.

The maturity stages, depicted in figure 1, represent steps toward achieving a stable and mature IT investment management process. Organizations implementing Stages 2 and 3 of the framework have in place the investment selection, control, and evaluation processes that are required by the Clinger-Cohen Act.

[6]The fiscal year 1997 Omnibus Consolidated Appropriations Act, Pub. L. 104-208, renamed both Division D (the Federal Acquisition Reform Act) and E (the Information Technology Management Reform Act) of the 1996 DOD Authorization Act, Pub. L. 104-106, as the Clinger-Cohen Act of 1996.





Observations on BSA Direct R&S Characterization of ITIM Stages 1 & 2

Stage 1 of the ITIM framework is characterized as IT spending without disciplined investment processes

In Stage 2 basic selection capabilities are driven by the development of project selection criteria, including benefit and risk criteria, and an awareness of organizational priorities when identifying projects for funding. Executive oversight is applied on a project-by-project basis. The five critical processes of investment management at Stage 2 are:

- Instituting the investment board,
- Meeting business needs,
- · Providing investment oversight,
- · Capturing investment information, and
- Selecting an investment

Table 1 describes the critical ITIM processes at Stage 2 and our observations on how these processes have been applied to the BSA Direct R&S project.

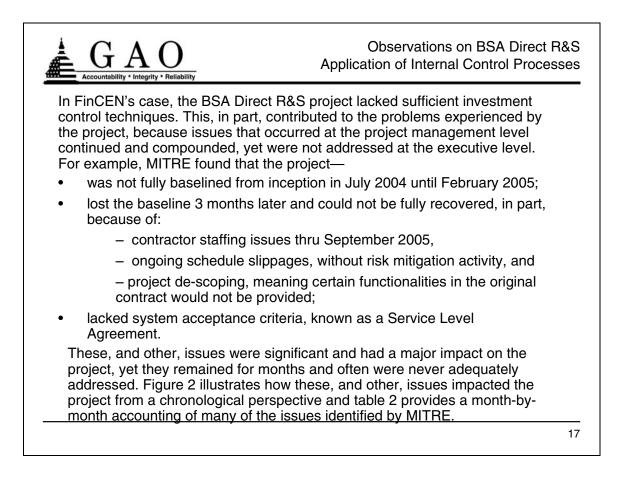
Accountability * Integrity * Reliability	Observations on BSA Direct Application of Critical Stage 2 Proce
ole 1: Observations on FinCEN the BSA Direct R&S Project	's Application of Stage 2 ITIM Processe
Stage 2 ITIM Processes	Observations on Application to BSA Direct R&S
Instituting the investment board— entails creating and defining the membership and guiding policies, operations, roles, responsibilities, and authorities for one or more IT investment boards within the organization.	FinCEN chartered a Technology Review Board in June 2005 that is responsible for managing capital planning investment control processes and overseeing the use of technology. However, in practice, this review board did not have jurisdiction or final decision-making authority over the BSA Direct R&S project.
Meeting business needs— entails ensuring that IT projects and systems support the organization's business needs and meet users' needs. It involves identifying business and users' needs for each IT project and having users participate in project management throughout the project's life cvcle.	Users did not consistently participate in BSA Direct R&S during the project life cycle. Specifically, FinCEN involved users in conducting a requirements analysis to document business and users' needs before the BSA Direct R&S contract was awarded. However, after the contract award, every FinCEN user we spoke with stated they had not participated in the process since that time.
Providing investment oversight— entails monitoring the progress of all IT projects and systems relative to cost, schedule, risk, and benefit expectations and taking corrective action when these expectations are not being met.	FinCEN project managers met regularly with the BSA Direct R&S contractor and occasionally with MITRE to discuss the project's progress. They were provided reports documenting issues impacting the cost, schedule, and performance of the BSA Direct R&S project, however, it is unclear what information was provided to FinCEN executives, when it was provided, or how it was used in decision-making.
Capturing investment information— involves identifying IT assets and creating a comprehensive repository of investment information for decision makers to use to evaluate the impacts and opportunities created by proposed (or continuing) IT investments.	FinCEN has made efforts to capture information on its IT assets. However, this information was not always used effectively to evaluate the impact that interfacing BSA Direct R&S with other IT systems would have. For example, nine months after the BSA Direct R&S contract was awarded significant modifications had to be made to address system incompatibility issues.
Selecting an investment— entails ensuring that a well-defined and disciplined process be used to select new IT proposals and reselect ongoing investments.	We did not examine the process used to select the BSA Direct R&S proposal. Since the stop-work order on BSA Direct R&S, FinCEN has also developed an assessment team to reselect—i.e. determine whether to continue funding—this project.

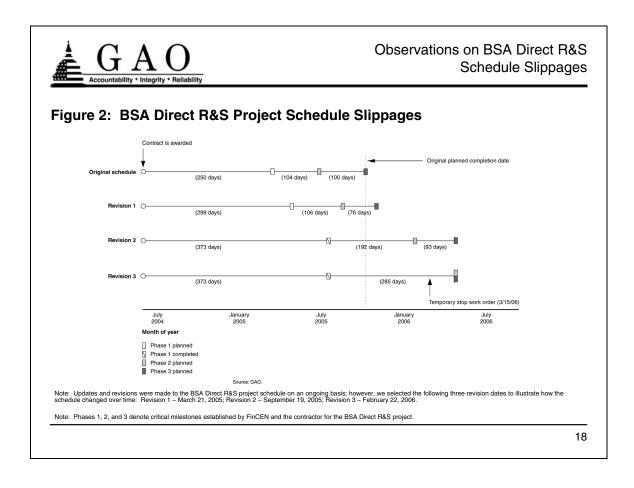


Observations on BSA Direct R&S Importance of Internal Control Techniques

One important focus in Stage 2 of the ITIM framework is the attainment of repeatable successful IT investment control techniques at the project level. For an organization to develop a sound IT investment process, it must first be able to control its investments so that they finish predictably within established schedule and budget ranges. In addition, it must be able to identify potential exposures to risk and put in place strategies to mitigate that risk.

In the absence of predictable, repeatable, and reliable investment control processes, selected investments will be subject to a higher risk of failure despite rigorous analysis of the estimates used to justify them. Further the absence of repeatable control processes will result in ineffective evaluation processes and contradictory efforts at process improvement.





Accountability *	HO Integrity * Reliability		Chronology of Issues Identif	
able 2: Chronology of Some Issues Identified by MITRE during the BSA Direct R&S Project				
Jpdate	Issue Identified	Update	Issue Identified	
luly 2004 Project _aunched)		June 2005	Project understaffed Project baseline lost	
August 2004	Project schedule not baselined Project understaffed	July 2005	Project understaffed Project baseline lost	
September 2004	Project schedule not baselined Project understaffed	August 2005	Project understaffed No business continuity plan MITRE not consistently included in project discussions and meetings	
October 2004	Project schedule not baselined Project understaffed	September 2005	Project understaffed Lack of project baseline Need for system design change MITRE not consistently included in project discussions and meetings	
lovember 2004	Project schedule not baselined Project understaffed	October 2005	Contractor project manager resigns	
December 2004	Project understaffed	November 2005	Schedule slippage with no risk mitigation activities	
anuary 2005	Project understaffed	December 2005	Schedule slippage with no risk mitigation activities	
ebruary 2005	Project understaffed	January 2006	Loss of project baseline	
larch 2005	Project understaffed	February 2006	Project de-scoping Schedule slippage with no risk mitigation activities	
April 2005	Project understaffed	March 2006	Temporary stop work order issued	
May 2005	Project baseline lost Project understaffed			
Source: GAO Summary				



Observations on BSA Direct R&S Critical Aspects of Improvement

Critical to maturing project-level IT investment control processes is the ability to recognize the need for and to take swift corrective action when a project is having trouble meeting its schedule expectations and cost estimates.

As it moves through Stage 2, an organization develops robust methods to collect data from the project-level management processes and aggregate it appropriately to provide executive management with the information it needs to execute its oversight responsibilities. As the organization matures, it also learns from past decisions and better manages the causal factors that created past problems, thus improving the performance results of ongoing projects.

Beyond investment control processes, the organization also begins to implement basic selection processes. The core business needs for each IT project are identified and the basic portfolio development processes are used to select new IT proposals. <text><text><text><list-item><list-item><list-item><list-item>

Option	Potential Reason for Selecting
FinCEN reestablishes a modified contract with EDS.	After nearly two years working on the project, EDS has developed significant knowledge of the working environment.
FinCEN develops new request for proposal for a new contractor to take over the project.	Brings a fresh approach that builds on the nearly functional aspects of the system.
FinCEN terminates the contract, assesses agency needs, and plans for new capabilities	The IRS's WebCBRS system is deemed sufficient to provide the capability needed for the short- to intermediate-term. This also provides FinCEN the time to reevaluate its long- term strategy for reengineering and transitioning data management processes.

Conclusions



FinCEN's inadequate application of sound information technology investment management processes and controls to oversee the BSA Direct R&S project contributed to the cost, schedule, and performance issues that have plagued the project from its inception.

FinCEN plans to determine the future direction of BSA Direct R&S in mid-July 2006. Regardless of what decision is made, FinCEN runs the risk of having similar problems and similar results in the future unless better investment management processes and procedures are put in place.



Recommendation for Executive Action

In order to improve FinCEN's ability to manage its IT investments, we recommend that Director of FinCEN direct the CIO to develop a plan for improving the agency's capabilities for overseeing the BSA Direct project. The plan should focus in particular on establishing policies and procedures for executives to regularly review investments' progress against commitments and take corrective actions when these commitments are not met.

In addition, the plan should

- specify measurable goals, objectives, and milestones;
- specify needed resources;
- assign clear responsibility and accountability for accomplishing tasks; and
- be approved by the Director of FinCEN.

In implementing the plan, the FinCEN CIO should report progress against expectations to the FinCEN Director and take appropriate actions to address deviations.

Enclosure II

GAO Contact and Staff Acknowledgments

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Acknowledgments

In addition to the person named above, Timothy Hopkins, Robyn Howard, Brian James, Signora May, Donna Miller, Sabine Paul, David Powner, and Katrina Taylor made key contributions to the report.

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