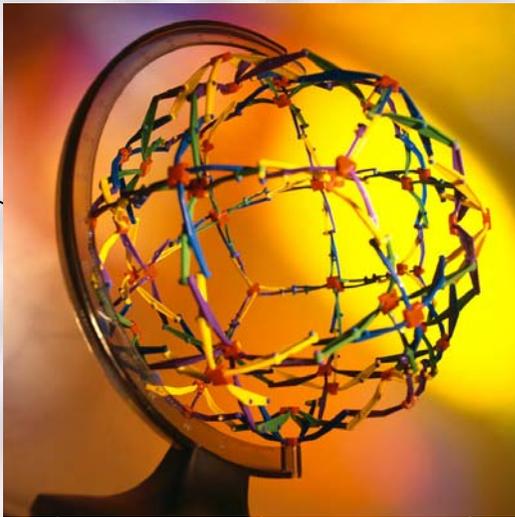


Integrated

Secure

*Department of the Interior
EXECUTIVE SUMMARY
Information Technology & Business Enterprise
STRATEGIC PLAN*



**PROVIDING WORLD-CLASS CITIZEN-CENTRIC
INFORMATION PRODUCTS AND SERVICES
THROUGH KNOWLEDGE-SHARING AND
PARTNERSHIP WITH OUR BUREAUS**

The Paperwork Reduction Act of 1995 and the Information Technology Management Reform Act of 1996 (Clinger-Cohen Act) provide a foundation for efficient and effective Federal acquisition and management of information technology (IT). Critical to this foundation is a focus on information resource planning to support the Interior strategic mission; implementation of the Capital Planning and Investment Control (CPIC) process linked to budget formulation and execution; and an effective IT management structure that governs the process.

The legislation and the Office of Management and Budget (OMB) guidelines such as the A-130, establish the framework to manage our IT resources in an efficient, effective, and economical manner. This Plan shows the direction the Department of the Interior is taking with its management of Information Resources. It presents information resources management policies; information management principles, standards, and guidelines; and the basis on which to evaluate information resources management practices in order to determine their adequacy and efficiency. Furthermore, the IT Strategic Plan is intended to serve as a framework for Interior Bureaus and offices to use for the development of their own IT plans and for performance measures to help evaluate the benefits of their IT programs. The IT Strategic Plan is the Department's roadmap towards meeting its overall mission. It describes the goals which IT resource organizations should strive to achieve and it will govern the direction of the Department-wide IT program.

There are many challenges the DOI will face. It has become clear that resources, including funding and people, are limited, so it is vital to make smart investments, integrate architectures, ensure secure IT environments, ensure an adequate IT workforce to meet these challenges, and leverage resources through enterprise solutions and increased partnerships. Our ultimate commitment is to sustain the Interior crucial mission areas and guarantee efficient and effective customer-oriented business operations.

The Departmental IT Strategic Plan calls for widespread change over the next five years. Designed to support the Department's overall

strategic mission and management goals, it aligns IT with the Department's major program concerns, including Trust management, Facilities and Maintenance, and Performance Management. Its goals, enabling strategies, and performance measures are tied to IT security, E-Government, and capital planning and investment. Knowledge management is the thread that weaves through the process, enabling an enterprise sharing of information and records management.

Interior's IT Governance & "Managing Partners" Philosophy –

A governance framework that embraces our distinct Bureau needs and strengths serves as the foundation for Interior's IT strategy and vision for the future. Now, we are building on this foundation to form managing partners for our enterprise approach.

We have already established a governance framework for wise decision making and management of our IT portfolio. By adopting Federal Enterprise Architecture across the Department, a unifying base has been established to support the IT strategy outlined in this Strategic Plan. Furthermore, we are implementing our basic foundation of standardized policies and guidelines as set forth in the Capital Planning and Investment Control (CPIC) Guideline, the E-government Strategic Plan (FY 2004 - FY 2008), and the accompanying IT Governance Framework. We are creating modernization blueprints to support major E-government initiatives and capital investments; and we have taken initial steps toward operation enterprise planning. Bureaus have mirrored our IT governance structure and hand-in-hand coordination with business managers for IT investments through routine decision making and oversight by Investment Review Boards. Our IT Management Council of Chief Information Officers across the Department has proven to be an excellent forum for the discussion of relevant IT issues, for reviewing new approaches and proposals, and providing guidance on critical IT operations in

order to ensure collaboration and unified approaches throughout our Bureaus and offices.

But this is only the foundation. In this century, we face a scarcity of resources and fast-paced changes in the realm of technology. As security and risk concerns grow exponentially. We must anticipate growing challenges and ensure that our IT workforce is skilled and certified to meet these demands. Our strength lies in our diversity of Bureaus and missions, in our commitment to work in partnership and in our ability to draw upon the extensive expertise and strong leadership of our executive Bureau Chief Information Officers and our commitment to work in partnership. Building on the momentum of our Bureau “best in practice” examples, applying our talent base and expertise across our vast IT “network”, we can achieve our tremendous mission to provide a world class, citizen-centric information base! Through the commitment of our Bureau business and CIO leaders, we are well on the way toward establishing critical “managing partners” to leverage this strength and provide technology for citizen-centered, integrated, secure services within the Department of the Interior.

This Plan embarks on these next steps by focusing the IT mandates and challenges outlined in numerous mandates and drawing from various models (including those of the General Accounting Office, the Federal Enterprise Architecture, the Federal CIO Council, and the Office of Management and Budget) into 7 Strategic Goals for IT: Architecture, Security, E-Government, Capital (Investment Portfolio) Planning/Management; IT Enterprise Operations and Data Sharing; Knowledge (Information) Management, and a Skilled IT Workforce (See Chart at end of Summary).

Our Mission – To provide world class, citizen centric information products and services

Our Vision - Technology for citizen-centered, integrated, secure services -- to

provide leadership for a dynamic, state-of-the-art information technology management program throughout the Department. Enhance the use of information and technology by providing high quality services in a timely, accurate and professional manner throughout the enterprise.

Our 7 Strategic Goals are linked to the OMB Circular A-130 and tracking/ assessment processes and cross maturity assessment lines.

An Era of Challenge – Alignment of IT and Business in an Enterprise Solution

The Department of the Interior is on a journey toward management excellence—excellence defined by results. Our journey is, in part, self-propelled as each of us shares this aspiration for excellence. It is also driven by growing public demands for greater transparency, accountability, effectiveness, and efficiency. Citizens expect—and deserve—excellence.

The details of each Bureau's mission vary, but the challenges are the same: How do we achieve the intended results for America in a complex and changing world of increased urbanization; new law enforcement and security challenges; public demand for improved service and accountability; and aging infrastructure?

Key Building Stones to our IT Business Enterprise Planning – Providing Interior Users Greater Capability through a “Shared” Enterprise Approach:

The Department endorses a shared solutions environment and one in which procurements can be leveraged to achieve greater cost savings and technical compatibility – such as the:

- ***Enterprise Services Network (ESN)***
- ***Enterprise Architecture***
- ***Department-wide Active Directory (AD) Service***
- ***Standardized IT investments -***
- ***Enterprise Messaging -***

- *Enterprise Hardware, Software and IT Services Acquisition* -
- *Emerging Technologies* -
- *Technical Reference Model* –
- *Streamlined telecommunications investments –Enterprise Integration Services (EIS)-*

X. Conclusion

The IT Strategic Plan provides a strategic framework for the coordinated development, implementation, operation, and integration of information technology within the Department. Its goal is to help enhance the efficiency and effectiveness of the organization in meeting its mission and business goals.

It provides an organizational framework for the continued development of an architecture that can support more levels and types of electronic interactions. This Plan outlines our IT guiding principles, defines the IT goals we need to strive for in order to support our mission and achieve the results, outcomes and added value that are defined in our strategic vision of the future.

Through leadership in customer service, strategic planning and the intelligent management of our IT resources and investments, as well as through continual improvements in securing our IT environment, we are well on the way to achieve this end.

Our plan focuses on the critical planning elements outlined in the Clinger-Cohen Act along with other driving legislation and directives from the Office of Management and Budget, such as the A-130. Building on our FY 2004 E-Government Strategy, we propose to address IT across a strategic front, focused on IT security, Enterprise Architecture, IT portfolio investment (Capital Planning), effective records management, and on our IT human capital needs to ensure that we can meet our goals and future vision.

Information technology has become more than an enabler over the past decade, as it has

evolved into a true “business partner” in achieving our important mission. To meet the future needs of our employees, customers, constituents, and stakeholders, the exchange and management of information is quickly becoming a larger aspect of the corporate business model. The current IT structure is evolving and must be based on strategic plans that can incorporate the concepts of electronic government into practices supported by a modern IT architecture.

The modernization of IT investments within the Department consisting of the application of the business fundamentals of e-business and our CPIC and Enterprise Architecture framework will ensure better IT management. Our focus on the mission as well as on enhanced resource and solution sharing through enterprise approaches will reap the dual benefits of time and cost savings, thereby creating customer satisfaction. This focus on a more enterprise based point of access for government services and on sharing information more efficiently and effectively is critical to our IT vision of the future at Interior.

As reflected in this Plan, some of the primary results we expect to achieve by FY 2007 are:

- A Bureau/DOI integrated EA that aligns with capital planning and provides information needed to appropriately invest for the future;
- C&A maintained for all appropriate systems;
- Alignment of the majority of DOI systems to an E-Gov environment;
- An IT portfolio-based IT system for our critical IT capital investments;
- Accurate assessments of validation and verification of data;

The Departmental IT Strategic Plan calls for widespread change over the next five years. Designed to support the Department’s overall strategic mission and management goals, it aligns IT with the Department’s major program concerns, including Trust management, Facilities and Maintenance, and Performance Management. Its goals, enabling strategies, and performance measures are tied to IT security, E-

Government, and capital planning and investment. Enterprise architecture provides an overall framework, promoting inter-bureau cooperation and improving data sharing capabilities across business lines. The Department's ability to improve access to information and services requires transformation of its business processes to make use of readily available technology. To maximize the innovative and effective use of technology and adapt to changing needs, the Department is migrating its Information Technology (IT) portfolio to integrated, Department-wide business processes and technologies. Extensive efforts have been made to standardize IT functions and organizations throughout the Department. Further standardization along functional areas will enable DOI to create a more mature IT investment management organization. To measure maturity progress, the Department is using GAO's IT Investment Management (ITIM) framework. Through FY 2008, the Department will focus on documenting and implementing select policies and standards that will create repeatable practices in key areas of investment management.

We will continue to look for greater efficiencies and ways to support our critical mission. As Interior's IT business partner we will provide the most viable means for ensuring that the Nation receives the best value for its precious resources – now and in the future.



President’s Management Agenda

1) Budget and performance integration; 2) Strategic management of human capital; 3) Competitive sourcing; 4) Improvement of financial performance; and 5) Expansion of E-government



DOI STRATEGIC PLAN - VISION

Secretary’s Four “C’s”: Conservation, Cooperation, Consultation, Communication

DOI STRATEGIC PLAN – FOUR MISSION AREAS

DOI STRATEGIC PLAN OUTCOME GOALS	
<p align="center">Resource Protection</p> <ul style="list-style-type: none"> • Improve the Health of Watersheds, Landscapes, and Marine Resources that are DOI Managed or Influenced in a Manner Consistent with Obligations Regarding the Allocation and Use of Water • Sustain Biological Communities on DOI managed and Influences Lands and Waters in a Manner Consistent with Obligations Regarding the Allocation and Use of Water • Protect Cultural and Natural Heritage Resources 	<p align="center">Recreation</p> <ul style="list-style-type: none"> • Provide for a Quality Recreation Experience, Including Access and Enjoyment of Natural and Cultural Resources on DOI Managed and Partnered Lands and Waters • Provide for and Receive Fair Value in Recreation
<p align="center">Resource Use</p> <ul style="list-style-type: none"> • Manage or Influence Resource Use to Enhance Public Benefit, Promote Responsible Use, and Enhance Optimal Value • Deliver Water and Generate Hydropower, Consistent with Applicable Federal and State Law, in an Environmentally Responsible and Cost Efficient Manner 	<p align="center">Serving Communities</p> <ul style="list-style-type: none"> • Protect Lives, Resources, and Property • Advance Knowledge Through Scientific Leadership and Inform Decisions Through the Applications of Science • Fulfill Indian Fiduciary Trust Responsibilities • Advance Quality Communities for Tribes and Alaska Natives • Increase Economic Self-sufficiency of Insular Areas



DOI IT MISSION

To provide world class, citizen- centric information products and services

DOI IT VISION

Technology for Citizen-Centered, integrated, secure services ... To provide leadership for a dynamic, state-of-the-art information technology management program throughout the Department. Enhance the use of information and technology by providing high quality services in a timely, accurate and professional manner throughout the enterprise.

DOI IT STRATEGIC GOALS – Customer Service That Differentiates

GOAL 1: ARCHITECTURE	GOAL 2: SECURITY	GOAL 3: E-GOV	GOAL 4: CAPITAL PLANNING	GOAL 5: ENTERPRISE OPERATIONS	GOAL 6: KNOWLEDGE MANAGEMENT	GOAL 7: SKILLED WORK – FORCE
Leverage EA to improve DOI’s mission performance and realize its strategic goals and objectives.	Protect the availability, confidentiality and integrity of DOI information technology resources.	Improve the efficiency and effectiveness of DOI business processes. (E-Gov)	Improve the Planning, Execution, and Management of IT Investments	Provide World-Class Enterprise Based Operations – Improving the quality, accessibility and sharing of data between DOI & its customers	Create an effective knowledge sharing environment, safeguarding records, privacy, and accessibility according to Federal regulations	Ensure we have sufficient IT Human Capital that is capable of meeting our IT goals and DOI Mission challenges