

**Department of the Interior (DOI)**  
**Report on the Implementation of the E-Government Act**  
**Fiscal Year 2011**

**Section I. Innovation and Transparency**

**Section 1: Highlights of Agency Open Government IT Accomplishments**

*In no more than 750 words, describe your top three E-Government IT accomplishments related to Open Government and innovation from this year and provide any related URL(s). You are encouraged to confer with your Open Government Senior Accountable Official. If you have questions on who is your agency's Senior Accountable Official, please see (<http://www.whitehouse.gov/open/documents/open-government-directive/working-group>).*

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The United States Department of the Interior (DOI) remains committed to Open-Government and Innovation. On April 7, 2011, DOI posted an update of its Open Government Commitments and Results report on the internet (<http://www.doi.gov/open/DOI-Open-Government-Commitments-and-Results-Anniversary-Update.cfm>). The report highlights the commitment required of DOI's Executive Staff and working groups that is comprised of stakeholders from all levels of the organization to provide operational, management and executive perspectives.

Information Technology (IT) Transformation

Secretary Salazar demonstrated DOI's executive commitment towards open government and innovation through the issuance of Secretarial Order 3309. The Order states that "Information Technology (IT) is an integral part of the Department's operations and cuts across all the Department's programs and initiatives. A stable, agile, and secure information technology environment is critical for achieving the Department's mission." The Order further states that DOI will have one Chief Information Officer (CIO). "The CIO will assume oversight, management, ownership, and control of all Departmental IT Infrastructure assets including, without limitation, externally hosted or managed IT services and the delivery of managed services for the use and benefit of the Department, its bureaus, offices, and other authorized beneficiaries or the equivalent thereof." This Order is meant to enable transparency and a line-of-sight of the IT assets used and needed throughout DOI, minimize redundancies, enable efficiencies and optimize the economies of scale. The Order directly addresses President Obama's Executive Order on the Campaign to Cut Waste. DOI recently completed its IT Transformation Strategic Plan and has initiated the process to determine the measurable outcomes and 'quick-wins' that demonstrate immediate benefit for the employees and

stakeholders of the agency. The Order requires that Interior's current state of Information Technology be changed from a decentralized to a centralized management approach by 2014.

## Climate Change

DOI's Open Government flagship initiative is closely tied to an Administration and Secretarial priority - climate change. This initiative is focused on delivering improved access to climate change-related data and data derived products such as reports and models for researchers, managers, government and non-government partners, watch dog groups and the public at large. This initiative clearly demonstrates the value of open government and is closely tied to a DOI High Priority Performance Goal. Climate change is of great interest to DOI stakeholders. Individual bureau efforts on climate change information management are being coordinated in ways that were not previously possible. The identification of critical data sets that serve as key indicators for a wide variety of climate related impacts provides improved management capability and an enhanced understanding of the areas and impacts of climate change, not just on Federally-managed public lands, but also for state and privately held lands. Increased collaboration is being fostered by this initiative in improving the discovery of and access to climate change information. Beyond the ability to discover information, DOI's climate change activities will provide new capability to aggregate information and improve consistency in analytical processing. DOI is collaborating with internal and external partners to enhance access to information and information-related products such as reports, plans and models. For more information on DOI's commitment to climate change, go to:

<http://www.doi.gov/whatwedo/climate/index.cfm>

## Data.Gov

DOI has made over 113,000 datasets available through Data.gov – the second highest total in the Federal government. DOI continues to produce a steady stream of datasets to this platform and has adopted performance measures for its organizational units to track their contributions to this and other open government goals.

## **Section II: Compliance with Goals and Provisions of the Act**

### **Section 2: Compliance with Goals and Provisions of the Act Items A – F**

*Please provide a URL and/or narrative to your agency's Web site where the following information is located. If a public facing URL is not available, please, provide the title and date of the document describing the information.*

Question	Public Facing Agency URL	Brief Narrative (if applicable)
<b>A. Enterprise Architecture (EA) Plan</b>	<a href="http://www.doi.gov/ocio/">http://www.doi.gov/ocio/</a>	Interior's EA Transition Plan (ETP) will be provided to OMB on March 1, 2012. The IT Transformation Strategic Plan, which marks a major directional shift in IT management at Interior, was accepted by OMB as DOI's interim ETP.
<b>A. Information Resources Management (IRM) Strategic Plan</b>	<a href="http://www.doi.gov/news/pressreleases/upload/IT_Transformation_Plan_062811_v35.pdf">http://www.doi.gov/news/pressreleases/upload/IT_Transformation_Plan_062811_v35.pdf</a>	IT Transformation Strategic Plan
<b>B. Final determinations, priorities and schedules for each eGov initiative.</b>	<a href="http://www.doi.gov/notices_soc.cfm">http://www.doi.gov/notices_soc.cfm</a>	DOI's Schedule of Content
<b>B. Information dissemination products, catalogs, directories, inventories and any other management tools, used to improve the dissemination of and access to your agency's information by the public.</b>	<a href="http://www.doi.gov">www.doi.gov</a> <a href="http://www.doi.gov/archives/ocio/egov/products.html">http://www.doi.gov/archives/ocio/egov/products.html</a>	DOI information
<b>C. FOIA Handbook</b>	<a href="http://www.doi.gov/foia/foiahandbook.html">http://www.doi.gov/foia/foiahandbook.html</a>	FOI Handbook
<b>C. Frequent requests for records are made available to the public at:</b>	<a href="http://www.doi.gov/foia/frriindex.html">http://www.doi.gov/foia/frriindex.html</a>	Frequently requested FOI information.
<b>C. Primary FOIA website:</b>	<a href="http://www.doi.gov/foia/">http://www.doi.gov/foia/</a>	
<b>D. Public websites disseminating research and development (R&amp;D) information to the public describing for each whether the website provides the public information about the federally funded R&amp;D activities and/or provides the results of Federal research:</b>	<a href="http://www.doi.gov/ocio/egov/research.html">http://www.doi.gov/ocio/egov/research.html</a>	List of sites where R&D information has been listed.
<b>E. Inventory describing formal agency agreements (e.g., contracts, memorandum of understanding), with external entities (e.g., partnerships, with states and local governments, public libraries, industry</b>	<a href="http://www.doi.gov/archives/ocio/egov/inventory.html">http://www.doi.gov/archives/ocio/egov/inventory.html</a> <a href="http://www.usaspending.gov">www.usaspending.gov</a> search DOI.	List of sites where agreements have been listed.

Question	Public Facing Agency URL	Brief Narrative (if applicable)
<p><b>and commercial search engines) complementing your agency's information dissemination program, briefly explaining how each agreement improves the access to and dissemination of government information to the public:</b></p>		
<p><b>F. An inventory that describes your agency's NARA-approved records schedules(s) or the link to the publicly-posted records schedules(s), and a brief explanation of your agency's progress to implement NARA Bulletin 2006-02...</b></p>	<p><a href="http://www.doi.gov/archive/o/cio/egov/index.html">http://www.doi.gov/archive/o/cio/egov/index.html</a></p>	<p>Overview of DOI's record keeping schedules</p>

### **G. Implementation of Electronic Signatures for Interoperability**

*In no more than 250 words, describe how your agency has implemented the use of electronic signatures for appropriately secure electronic transactions with Government and established a framework to allow efficient interoperability.*

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In 2010, DOI inventoried public facing applications and determined that there were no appropriate uses for digital signatures to secure electronic transactions. As of September 30, 2011, DOI issued Federal Information Processing Standard (FIPS) 201 Personal Identity Verification (PIV) cards with digital signature certificates to over 90% of the employee population. DOI is well positioned to utilize digital signatures for secure electronic transactions, as applications are planned and implemented using that capability.

### **H. Electronic Means of Enhancing Public Participation in Government**

*In no more than 250 words, describe how your agency has enhanced public participation in Government by electronic means for development and issuance of regulations. (Ex: regulations.gov)*

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For Fiscal Year 2011, the Department of the Interior used regulations.gov to publish 1,016 notices, 205 proposed and final rules, and numerous supporting documents. We received several thousands of comments on these publications through the site. The community interested in our activities is extremely large and diverse. This community benefited through public submissions to the Regulations.Gov website and through our management of these submissions using the Federal Docket Management System (FDMS).

The eRulemaking Initiative outcome for DOI and the other partner agencies include the items below.

- Substantially improved usability for agencies and the public with more improvements pending.
- Growing public and agency usage. Visits to and comments submitted through Regulations.Gov continue to climb and agencies continue to increase their use of FDMS.
- Improved service to the public through an easier and more efficient commenting process using FDMS.

## **I. Using IT to Link Performance Goals to Key Stakeholders, Private Sector, Other Agencies, and Internal Operations**

*In no more than 250 words, identify performance measures that demonstrate how electronic government enables progress toward agency objectives, strategic goals, and statutory mandates, as identified in conformance with the implementation of the GPRA Modernization Act (including, but not limited to, your agency's performance.gov links at <http://www.goals.performance.gov/agencies>), including a description of how your agency has linked performance goals to key stakeholders, private sector, other agencies, and internal operations in delivering information and services through use of IT.*

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DOI is an active participant in 19 core eGov initiatives. Of these core initiatives, the DOI United States Geological Survey (USGS) is the lead Managing Partner for the Geospatial One Stop, and Geospatial Line of Business (LOB). Highlights of the Geospatial accomplishments are listed below:

- Implemented a digital sign-in with the HSPD12 smart card for remote access - The implementation extends to workstations and mobile devices, including Macintosh devices. In 2012, this implementation will be extended to digital signing and user login to office automation devices. This implementation has reduced workloads by enabling a single authentication source for those staff working remotely. The smart card is an efficient device for enabling the user to connect, use, and get information.
- Implemented a SharePoint document repository, with authentication against Active Directory - This data store will reduce the amount of duplicate places files and documents reside and reduce authentication mechanisms. Document movement, access, and updates can be tracked digitally and stored for future reference.
- Implemented an automated inventory system for Apple devices –Apple hand held devices are now tracked in a mobile device management system, with inventory and security compliance. The USGS has seen the rise of these devices for scientific investigation and enabling an asset inventory system will greatly reduce the methods of inventory in an automated means.

The accomplishments described above are examples of DOI's commitment to improve the delivery of information technology. This commitment is also explained in the IT Transformation Strategic Plan.

## **J. Reducing Errors through Electronic Submissions**

*In no more than 250 words, describe how your agency has reduced errors through use of electronic submissions.*

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DOI has reduced errors through the use and participation in public-facing initiatives and other structured data formatting tools. Data validation is required for the use of these tools. The public facing initiatives that provide the most direct benefit to the citizens are:

[www.benefits.gov](http://www.benefits.gov)

[www.citizenservices.gov](http://www.citizenservices.gov)

[www.geoplatform.gov](http://www.geoplatform.gov) – DOI is the Managing Partner for the Geospatial eGov initiative. This is a new site that will be used to manage a portfolio of common geospatial data, services, and applications contributed and administered by authoritative sources and hosted on a shared infrastructure, for use by government agencies and partners to meet their mission needs and the broader needs of the Nation.

[www.grants.gov](http://www.grants.gov)

[www.recreation.gov](http://www.recreation.gov)

[www.regulations.gov](http://www.regulations.gov)

[www.usajobs.gov](http://www.usajobs.gov)

The cost to upgrade and maintain these solutions are shared with Agencies across the Government. This minimizes redundancy, increases the efficiency and optimizes the economies of scale. The outcome of the eGov initiatives is not only consistent with the President's Campaign to Cut Waste but DOI's IT Transformation.

## **K. Efforts to Comply with Section 508 Regarding Information Management**

*In no more than 250 words, describe three key initiatives (provide specific examples) your agency is taking to improve compliance with Section 508 of the Rehabilitation Act.*

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### Training

- Tools and training are available for Section 508 Coordinators and other applicable DOI employees. A computer-based training module on Section 508 awareness is available for Section 508 Coordinators, employees and contractors involved with the acquisition process

### Web Presence

- DOI ensures that its' websites comply with the Access Board Standard's technical provisions. Bureau and Office public Web pages are currently being scanned with the HiSoftware Compliance Sheriff software.

### Use of FedBizOps

- Bureaus/Offices are posting procurement solicitations on Federal Business Opportunities (FedBizOpps), which include applicable Section 508 standards. This is the official, on-line registrant database for the U.S. Federal Government. CCR collects, validates, stores and disseminates data on prospective vendors in support of agency acquisition and award missions. CCR validates the registrant information electronically.

## **L. Quantifying Cost Savings Achieved through Implementation of IT Programs**

*In no more than 250 words, quantify the cost savings and cost avoidance achieved through implementation of IT programs.*

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DOI is undertaking a major initiative, known as the “IT Transformation”. This initiative will change the way information technology is managed and offered throughout the U.S. Department of the Interior (DOI).

DOI was challenged to develop a plan to realign IT infrastructure and compliance functions under a single CIO. DOI met that challenge in June 2011. This is a self-funded initiative, meaning savings captured are to be reinvested into next phases of transformation. Five hundred (\$500) million dollars are expected to be saved from 2016 – 2020.

Each DOI Bureau and most Offices had CIOs. They are now called Assistant Directors of Information Resources (ADIRs). The ADIRs meet with the OCIO management team on a regular basis as part of a new governance structure for Interior’s IT infrastructure, and together, prepared the IT Transformation Strategic Plan. Seven out of twenty-eight initiatives have been prioritized as key opportunities to embrace on an enterprise level to enable optimal efficiency and cost savings. They are:

- A single email system for DOI
- Telecommunications
- Account management
- Hosting services
- Workplace computing services
- Risk management
- Enterprise service desk (help desk)

DOI has approximately 4 years to transform IT. A detailed implementation plan will be delivered to the Secretary by December 31, 2011. Performance metrics are being put in place to monitor DOI’s progress in improving employee productivity through technology, consolidating the IT infrastructure and reducing duplication and costs.