Federal Geographic Data Committee Report

June 2011 NGAC Meeting

Ivan DeLoatch, Executive Director

June 8, 2011

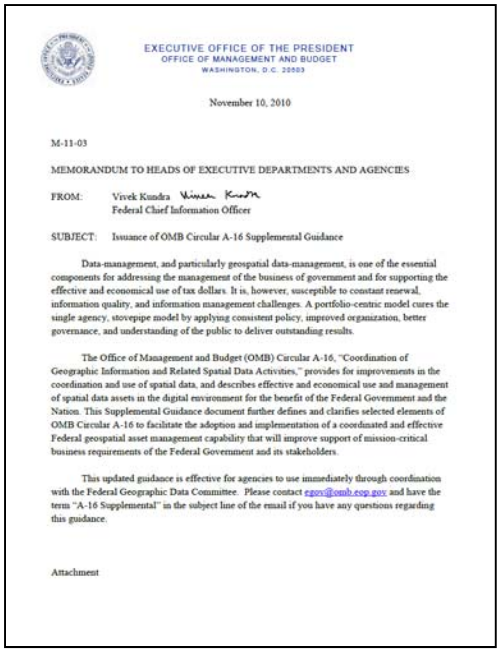
Topics

- Geolocation Privacy / Federal Trade Commission Report
- A-16 Supplemental Guidance
  - Data Themes for Portfolio Management
- Geospatial Line of Business and Geospatial Platform
- Geospatial Standards
- Questionnaire on Agency Use of Address Data Files

Geolocation Privacy/FTC Report

- Federal Trade Commission Staff Report: "Protecting Consumer Privacy in an Era of Rapid Change: A Proposed Framework for Businesses and Policymakers."
- "Precise Geolocation Data" addressed in report, but not defined.
- NGAC reviewed report, recommended that FGDC collaborate with FTC to seek clarification of language and avoid unintended consequences.
- FGDC Secretariat submitted comments to FTC, expressing concerns and transmitting NGAC recommendations: http://www.ftc.gov/os/comments/privacyreportframework/00354-57961.pdf
- FGDC Staff arranged meeting on 4-27-11 between FTC staff, COGO and NGAC members, and FGDC Executive Committee members.
  - Shared information
  - Agreed to communicate and collaborate

A-16 Supplemental Guidance



EXECUTIVE OFFICE OF THE PRESIDENT
OFFICE OF MANAGEMENT AND BUDGET
WASHINGTON, D.C. 20503

November 10, 2010

M-11-03

MEMORANDUM TO HEADS OF EXECUTIVE DEPARTMENTS AND AGENCIES

FROM: Vivek Kundra
Federal Chief Information Officer

SUBJECT: Issuance of OMB Circular A-16 Supplemental Guidance

Data-management, and particularly geospatial data-management, is one of the essential components for addressing the management of the business of government and for supporting the effective and economical use of tax dollars. It is, however, susceptible to constant renewal, information quality, and information management challenges. A portfolio-centric model cures the single agency, stovepipe model by applying consistent policy, improved organization, better governance, and understanding of the public to deliver outstanding results.

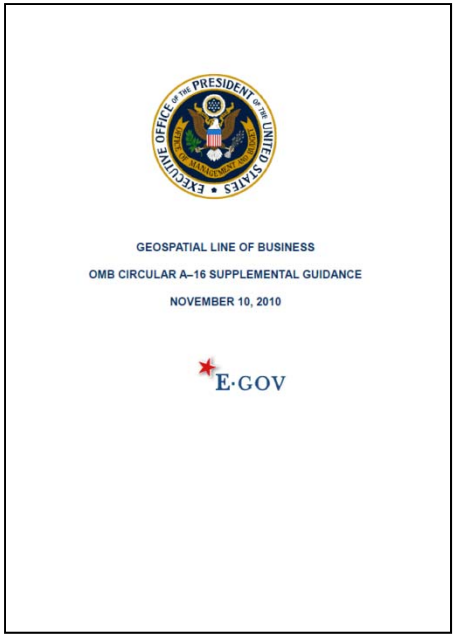
The Office of Management and Budget (OMB) Circular A-16, "Coordination of Geographic Information and Related Spatial Data Activities," provides for improvements in the coordination and use of spatial data, and describes effective and economical use and management of spatial data assets in the digital environment for the benefit of the Federal Government and the Nation. This Supplemental Guidance document further defines and clarifies selected elements of OMB Circular A-16 to facilitate the adoption and implementation of a coordinated and effective Federal geospatial asset management capability that will improve support of mission-critical business requirements of the Federal Government and its stakeholders.

This updated guidance is effective for agencies to use immediately through coordination with the Federal Geographic Data Committee. Please contact egov@omb.eop.gov and have the term "A-16 Supplemental" in the subject line of the email if you have any questions regarding this guidance.

Attachment

- OMB issued on Nov 10, 2010

- Portfolio management
- National Geospatial Data Assets
- Roles and responsibilities
- Data lifecycle
- Investment evaluation strategy
- Reference documents



GEOSPATIAL LINE OF BUSINESS

OMB CIRCULAR A–16 SUPPLEMENTAL GUIDANCE

NOVEMBER 10, 2010

E·GOV

FederalGeographicDataCommittee

Reference Materials

- FGDC website http://www.fgdc.gov/policyandplanning/a-16
  - FGDC Structure and Federal Agency and Bureau Representation
  - Process for adjusting OMB Circular A–16 Appendix E: NSDI Geospatial Data Theme Principles
  - Lexicon of Geospatial Terminology
  - Stages of the Geospatial Data Lifecycle
  - Key Roles and Responsibilities

NGDA Themes

- Biota
- Cadastre
- Climate and Weather
- Cultural & Demographic Statistics
- Cultural Resources
- Elevation
- Geodetic Control
- Geology
- Governmental Units
- Imagery
- Land Use – Land Cover
- Real Property
- Soils
- Transportation
- Utilities
- Water – Inland
- Water – Oceans and Coasts

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Next Steps: June –Sept 2011

- The FGDC will make final adjustments to NGDA themes

Status: Coordination Group (CG) has resolved comments to the list of Themes – ready for a CG vote.

- Associate the Data sets with the Data Themes.
- Associate the current inventory of National Geospatial Data Assets Themes with appropriate agencies

Status: Pending finalization of the data themes/data sets list.

- Prepare implementation plan to agencies on how to comply with the Supplemental Guidance

Status: Initial discussions and approach plan outlining have occurred with follow-on discussions being scheduled

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The Geospatial Platform

- **Definition**

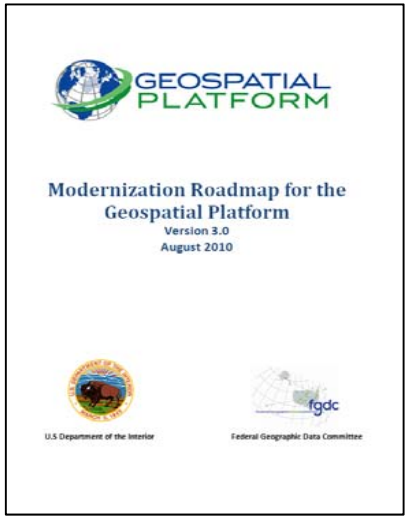
  The Geospatial Platform will be a managed portfolio of common geospatial data, services, and applications contributed and administered by authoritative sources and hosted on a shared infrastructure, for use by government agencies and partners to meet their mission needs and the broader needs of the Nation

- **Vision**

  All government agencies and their partners have access to geospatial capabilities to meet mission needs, ensure transparency and accountability, and geo-enable the business of government

Modernization Roadmap

- Respond to FY2011 President's Budget Direction to develop a Modernization Roadmap to implement the Geospatial Platform – V4 released April 6, 2011
- Roadmap Purpose:
  - Define geospatial platform and establish vision and purpose
  - Describe future state technology architecture
  - Identify processes and organization elements to ensure success
  - Describe strategic path forward to implement vision
  - Identify actionable projects and activities for short- and mid-term implementation; including operations



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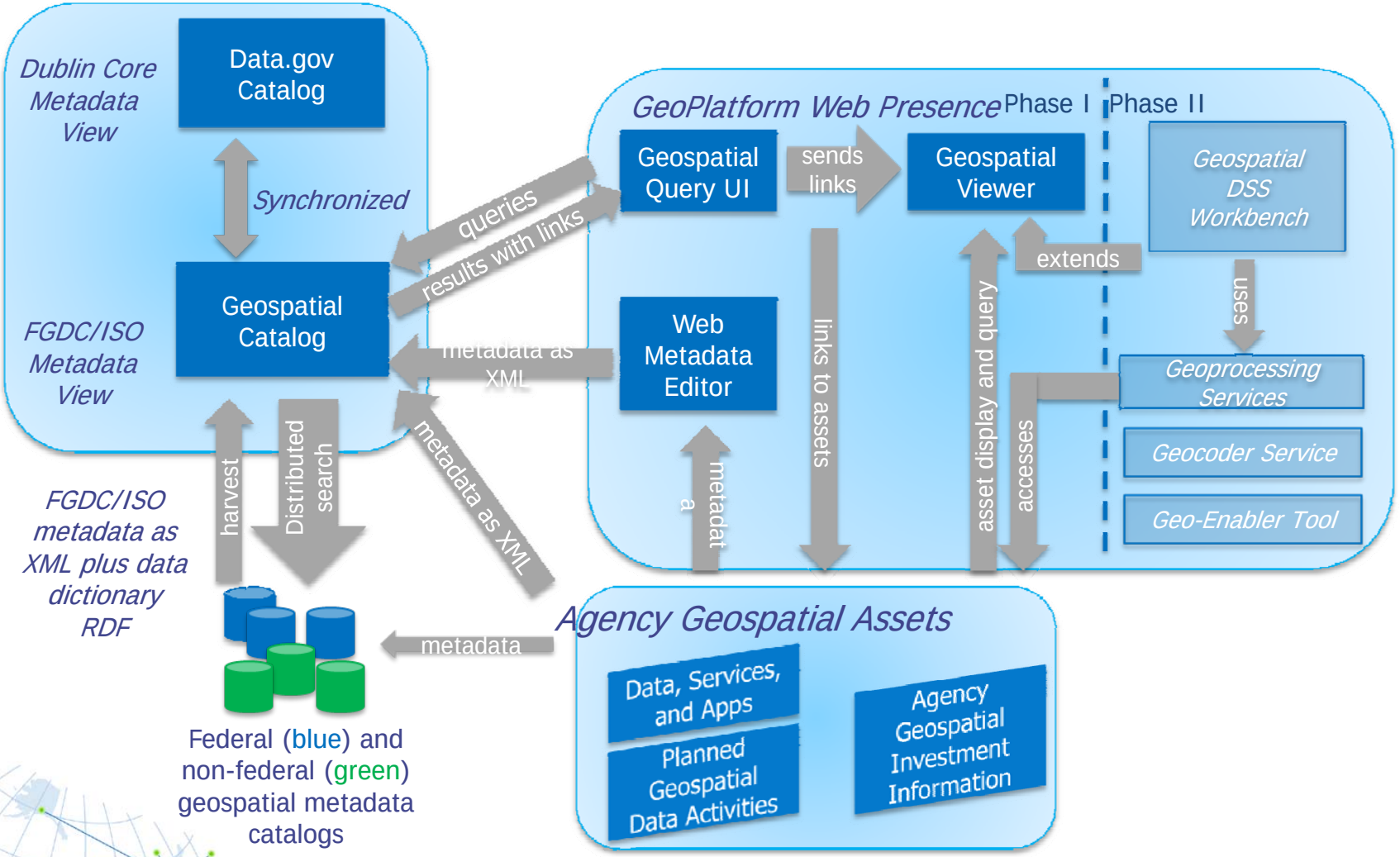
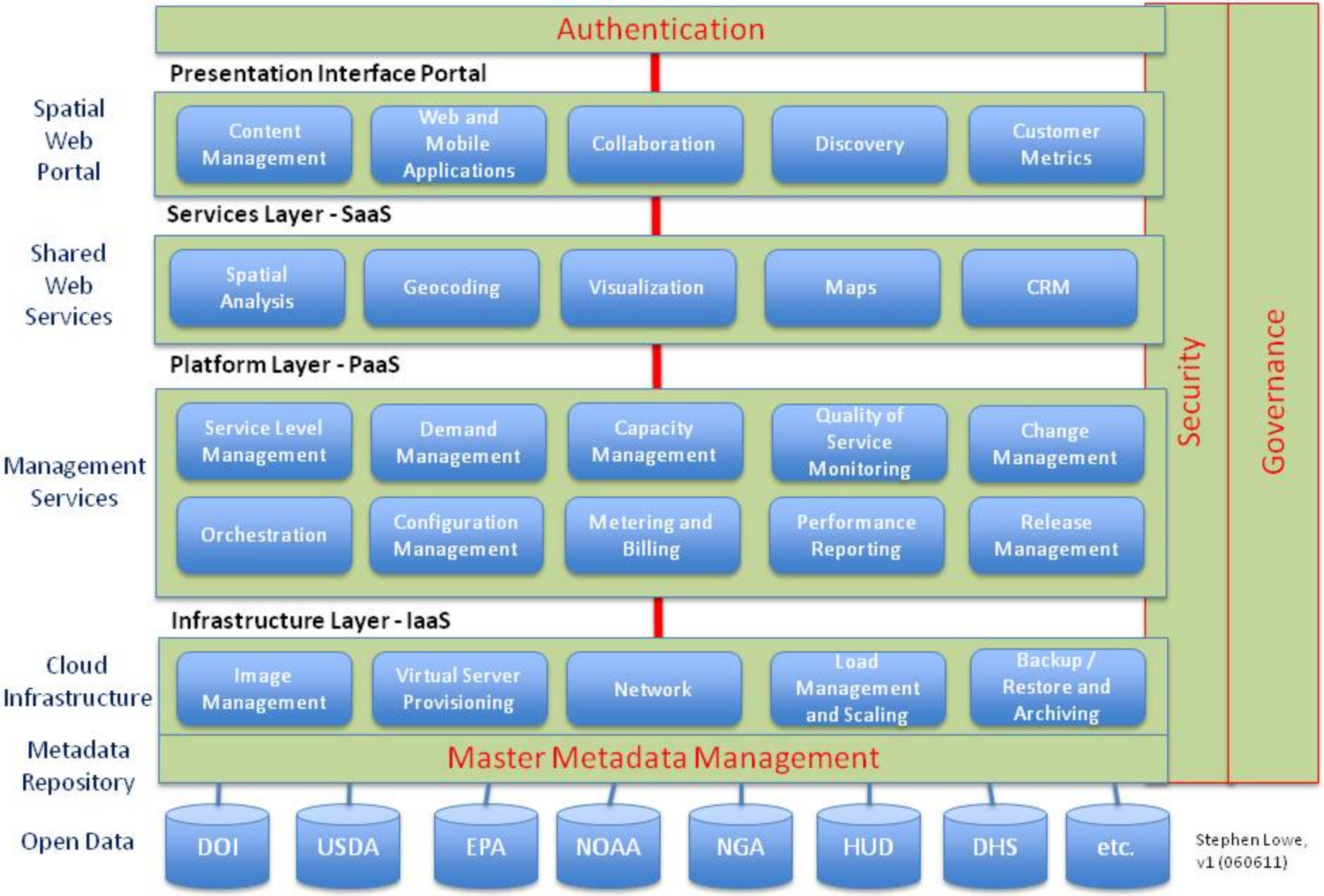
Notional Technical Architecture



Geospatial Platform Shared Services Notional Architecture



Making it Real – Business Cases

- Strong need for high priority business cases to show benefits of approach
- Candidate ideas discussed have included

Smart Growth
Emergency Response
Sustainability
Coastal Planning

Energy Development
Food Safety
Wildland Fire Response
... *and more*

- Need Steering Committee ideas and support for building use cases

Next Steps to Implementation

- Building on work of Technical Deployment Task Team, define and finalize Platform high level architecture
  - Develop guidance document to describe architecture and how to leverage
- GSA Team (Data.gov) poised to issue tasking to build “Version 1” of the Geospatial Platform
  - Need FGDC technical advisory / oversight team
- FY13: PMO Support, V2 Implementation

Geospatial Standards

- The FGDC has endorsed the ***United States Thoroughfare, Landmark, and Postal Address Data Standard***
- The Standard provides a data content, classification, quality, and exchange standard for thoroughfare, landmark, and postal addresses, and for address reference systems.
- Special thanks to our colleagues at the Census Bureau and URISA for their leadership and action

http://www.fgdc.gov/standards/projects/FGDC-standards-projects/street-address/index_html

- FGDC OS produces a monthly standards update report http://www.fgdc.gov/standards

FGDC Standards Activities

- Standards Working Group recommended the ***Federal Trails Data Standard*** (FTDS) for endorsement at the May 10, 2011 Coordination Group (CG) meeting
- David Duran and Jaime Schmidt of the FTDS team took an action to confer with the person who raised the concerns, which they completed.
- The FTDS is now ready to be put before the CG for endorsement.

http://www.fgdc.gov/standards/projects/FGDC-standards-projects/trail-data-standard/trail-data-standards

Questionnaire on Agency Use of Address Data Files

- To better understand the extent of duplication of expenditure of funds and needs for address information at the Federal level.
- Rough idea of the frequency-of-need and amount of money spent to acquire and use address information.
- Randy Fusaro, Census, and Jon Sperling, HUD developed the questions.
- Feedback was solicited and received from the CG.
- FGDC OS will be creating an online questionnaire to enable capture of the results (next few weeks)

FGDC Endorsed Standards Survey

- Report on FGDC member agency use of FGDC endorsed geospatial standards
- Identification of additional geospatial standards being used or needing to be developed
- Provide full results to the agencies for validation
- Publish some of the results and statistics in the FGDC 2011 Annual Report

Thank you

Questions?