EPA's GeoData Gateway (GDG)

An Overview

US EPA OEI National Symposium
November 15, 2007

Agenda

- ## Overview of the GDG
  - What is it?
  - What does it provide?

- ## Purpose of the GDG

- ## Relationship to other Portals

- ## Current Status
  - Implementation
  - Framework

Overview of the GDG

- ## What is it?
  - A tool that provides users with a central location for searching, accessing and managing the Agency's geospatial resources.

- ## Key Features
  - Find Geospatial Information

  - Access Geospatial Data/Assets

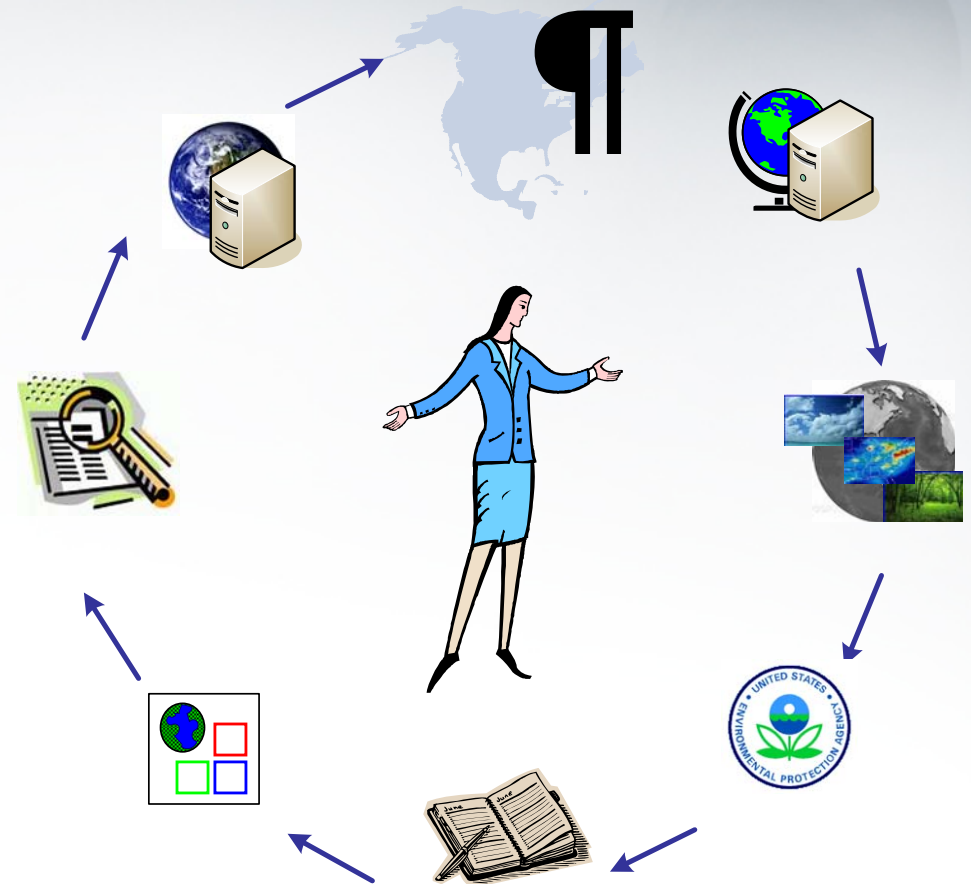 - Central Catalog

  - User Administration

For Conference Purposes Only

Purpose of the GDG

- **Provide single location for accessing Agency geospatial assets**

- **Meet EPA/Federal/Interagency requirements**

- **Simplify data sharing and access**

- **Avoid buying and building**

- **Promote stewardship**
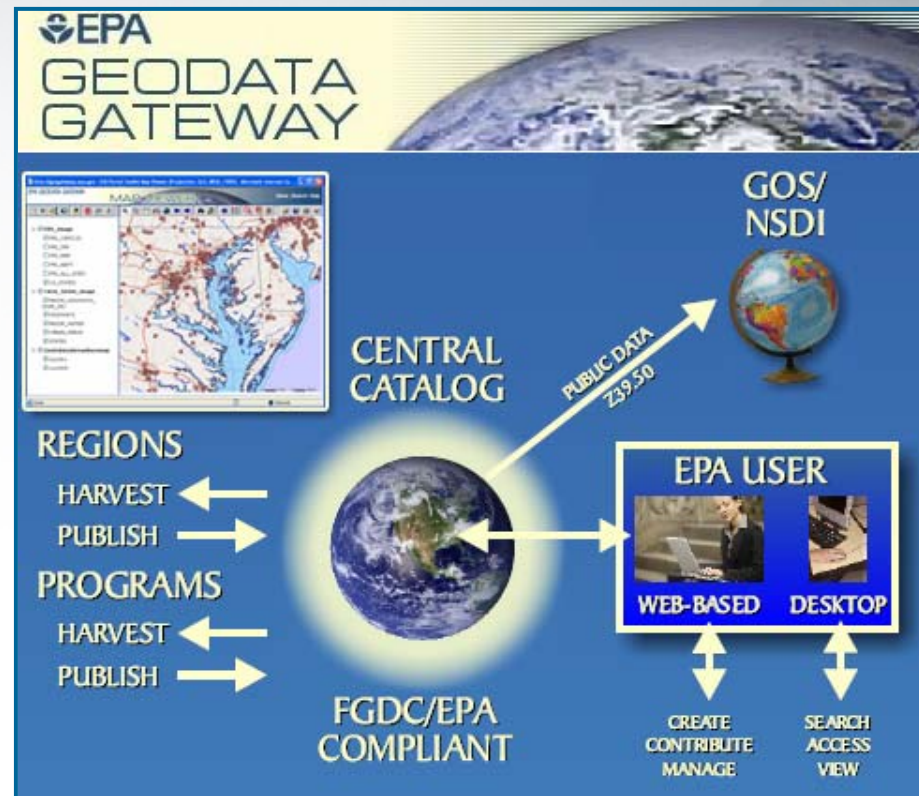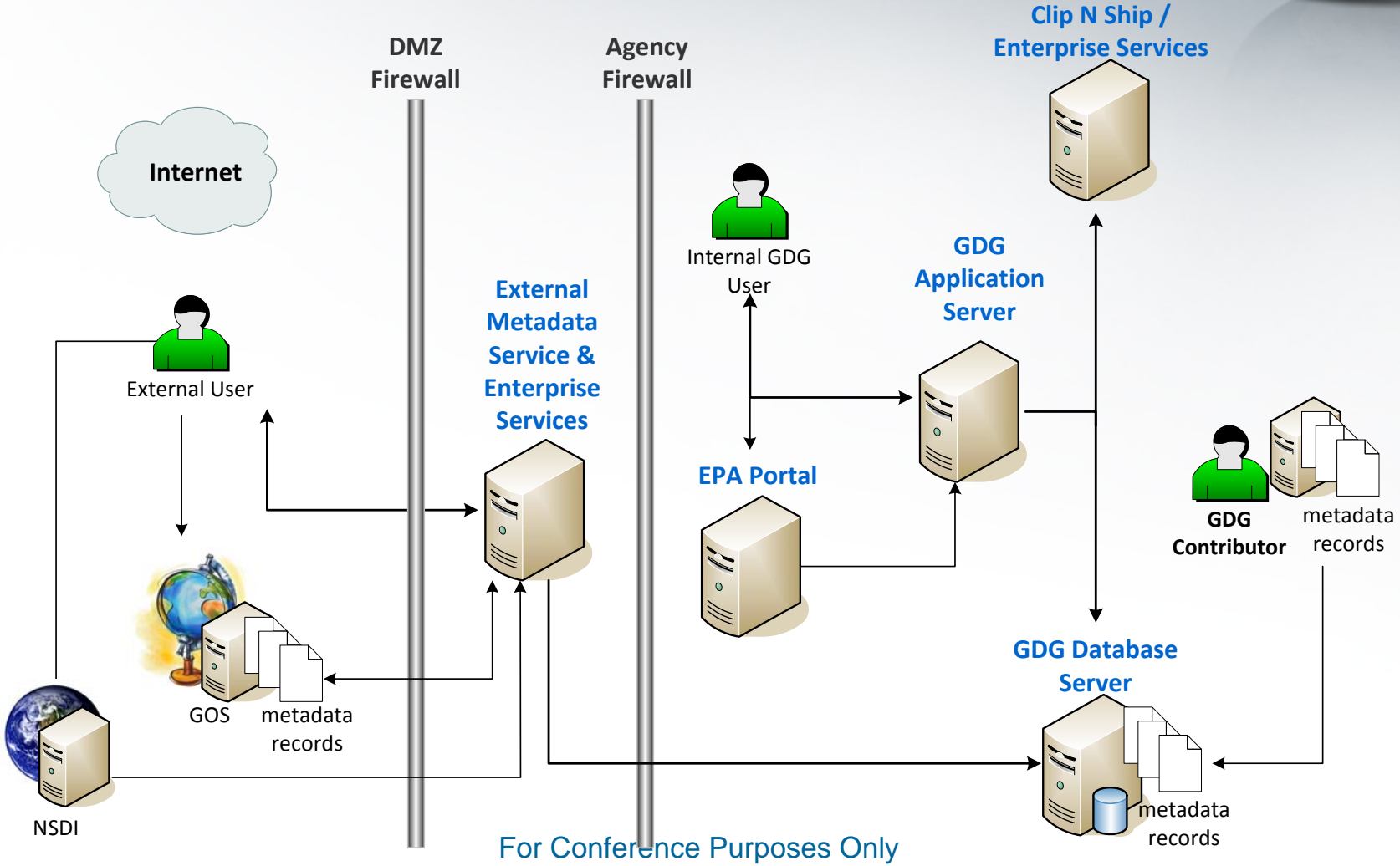
Relationship to other Portals

- Designed for **EPA** geo assets

- Contributions from EPA Regions and Programs

- External Groups/Portals

- EPA Portal

Current Status

- EPA's GDG Implementation

Clip N Ship / Enterprise Services

DMZ Firewall

Agency Firewall

Internet

Internal GDG User

GDG Application Server

External User

External Metadata Service & Enterprise Services

EPA Portal

GDG Contributor

metadata records

GOS

metadata records

NSDI

GDG Database Server

metadata records

Current Status

- EPA Geospatial Metadata Framework

    – **Policy/Planning**

    – **Technology**

    – **User Community**

Technology

EPA's Geospatial Metadata Suite

Policies, Procedures, & Standards

User Community
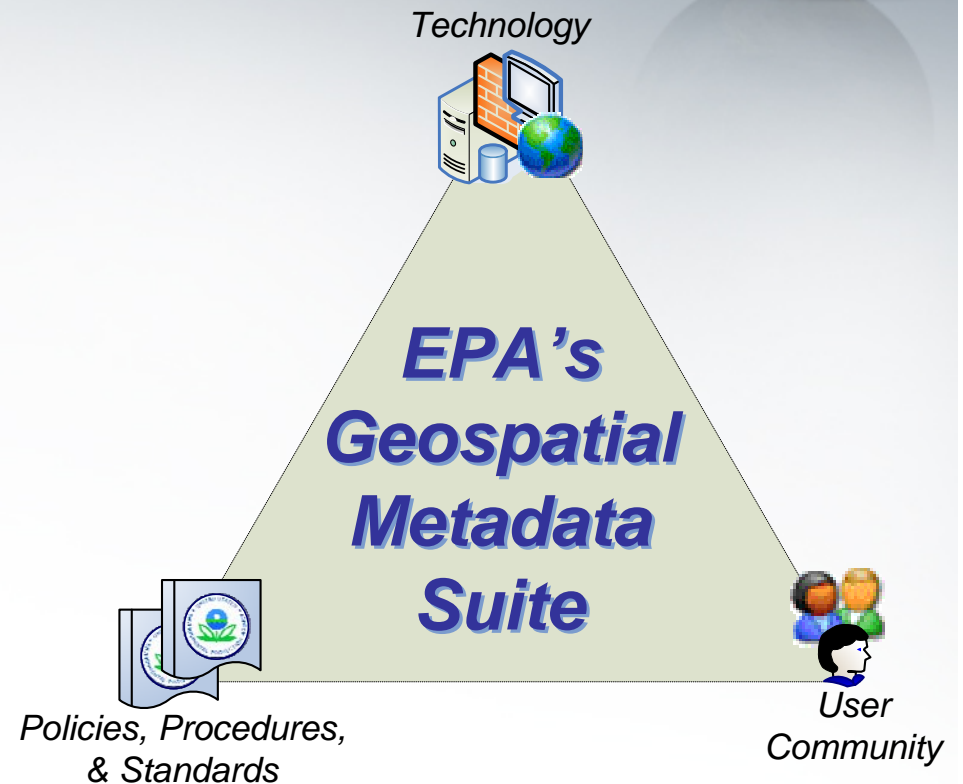
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