



# Homeland Security Infrastructure Program

## HSIP Gold 2010 Update

Steven Jackson, P.E.

Chris Vaughan

NGA, North America & Homeland Security Division

NGA PMHP  
Domestic  
Preparedness  
Branch



## Overview

- What is HSIP's Mission?
- How will HSIP Gold 2010 compare to previous versions?
  - Quantity
  - Request process
  - Content
  - Policy changes

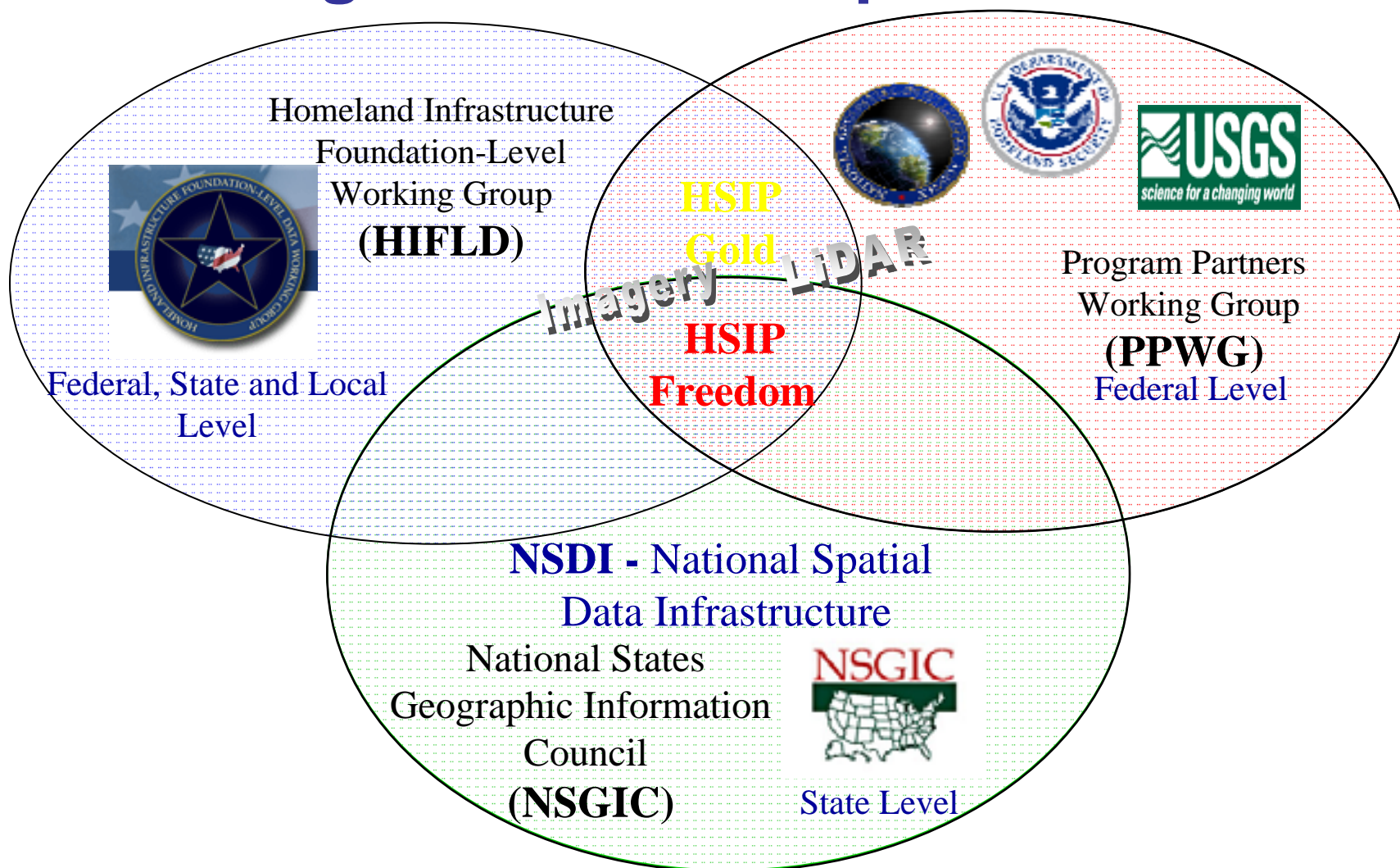


# Homeland Security Infrastructure Program Mission Statement

To aggressively capture, integrate and provide the Homeland Security, Homeland Defense and Emergency Preparedness, Response and Recovery community with ***common operational geospatially enabled foundation data*** to create a user defined operational picture to analyze threat, support critical infrastructure protection and expedite readiness, response and recovery in the event of a man-made or natural disaster.



# Homeland Security Infrastructure Program Partnerships & Data Sharing





## HSIP Gold 2010 Updates

- Expecting a February 28 release for HSIP Gold 2010
- Data List will be posted to HIFLD WG website when available (mid-February)
- Data Quantity
  - 184 feature classes in 2005 release
  - 301 feature classes in 2007 release
  - 333 feature classes in 2008 release
  - ~400 feature classes in 2010 release



# HSIP Data on [www.hifldwg.org](http://www.hifldwg.org)



HIFLD

Homeland Infrastructure Foundation-Level Data Working Group

## Welcome to the HIFLD

### The Homeland Infrastructure Foundation-Level Data Working Group

was established in February 2002 to address desired information collection, processing, sharing, and protection of homeland infrastructure geospatial information across multiple levels of government and to develop a common foundation of homeland infrastructure data to be used for visualization and analysis across classification domains. Maintaining this original purpose, the Working Group has attracted a voluntary coalition of Federal, State, local government organizations and supporting private industry partners who are involved with geospatial issues related to Homeland Defense (HD), Homeland Security (HLS), Emergency Preparedness (EP&R), or Civil Support (CS). Within these broad areas, the HIFLD members and non-federal contributors address a wide range of different functions including: Critical Infrastructure Protection (CIP), Crisis and Consequence Management, Intelligence Threat Analysis, Antiterrorism/Force Protection (AT/FP), Defense to Civil Authorities (DSCA), Man-Made and Natural Hazard Government Facilities Management.

The HIFLD Working Group membership consists of the Office of



HIFLD

Homeland Infrastructure Foundation-Level Data Working Group

[home](#) | [about us](#) | [library](#) | [data](#) | [applications](#) | [roster](#) | [calendar](#) | [my account](#) | [HSIP](#) | [log out](#) | [admin](#)

## Homeland Security Infrastructure Program (HSIP)

### HSIP Gold 2008 Request Form

The National Geospatial-Intelligence Agency (NGA) is now accepting requests for the DVD-based release of the Homeland Security Infrastructure Program (HSIP) Gold 2008 geospatial data inventory. HSIP Gold is a unified homeland infrastructure geospatial data inventory assembled by NGA in partnership with the Department of Homeland Security for common use by the Federal Homeland Security and Homeland Defense (HLS/HD) Community. It is a compilation of over 300 geospatial datasets, characterizing domestic infrastructure and base map features, which have been assembled from a variety of Federal agencies and commercial sources.

Due to licensing restrictions, NGA can only disseminate HSIP Gold to those requestors who are validated as Federal Interagency members of the HLS/HD Community (or their supporting National Guard Forces, contractors, and consultants). If you would like to request the HSIP Gold data, please follow the link below to initiate the request process.

[Submit Request for Data](#)

[Data List](#)  
[Data Use Agreement](#)  
[Read Me Document](#)  
[Release Notes](#)  
[Frequently Asked Questions](#)





# Government Data Providers

## **U.S. Department of Agriculture (USDA)**

Forest Service

## **U.S. Department of Commerce (DOC)**

U.S. Census Bureau

National Oceanic and Atmospheric Administration (NOAA)

## **U.S. Department of Defense (DoD)**

National Geospatial-Intelligence Agency (NGA)

Defense Installation Spatial Data Infrastructure (DISDI)

Defense Contract Management Agency (DCMA)

U.S. Army

U.S. Army Corps of Engineers (USACE)

National Guard Bureau (NGB)

Air National Guard (ANG)

Army National Guard (ARNG)

## **U.S. Department of Energy (DOE)**

Office of Energy Efficiency & Renewable Energy

National Renewable Energy Lab (NREL)

Office of Science

Oak Ridge National Laboratory (ORNL)

## **U.S. Department of Health & Human Services (HHS)**

State/Local

## **U.S. Department of the Interior (DOI)**

Bureau of Indian Affairs (BIA)

Minerals Management Service (MMS)

U.S. Fish and Wildlife Service

U.S. Geological Survey (USGS)

National Park Service

## **U.S. Department of Transportation (DOT)**

Federal Aviation Administration (FAA)

Federal Railroad Administration (FRA)

Bureau of Transportation Statistics

## **U.S. Department of Veterans Affairs (VA)**

## **U.S. Environmental Protection Agency (EPA)**

## **U.S. General Services Administration (GSA)**

## **U.S. Nuclear Regulatory Commission (NRC)**

## **U.S. Postal Service (USPS)**

## **Federal Communications Commission (FCC)**

## **Federal Deposit Insurance Corporation (FDIC)**

## **National Credit Union Administration (NCUA)**

## **Non-Governmental Organizations**

American Red Cross (ARC)

Geospatial Multi-Agency Coordination

## **U.S. Department of Homeland Security (DHS)**

Federal Emergency Management Agency (FEMA)

U.S. Coast Guard (USCG)

U.S. Customs and Border Protection (CBP)

Office of the Border Patrol



## Commodity Data Providers

- **NAVTEQ Corporation**
  - *Transportation, Commercial POIs*
- **Ventyx (Global Energy)**
  - *Electrical Energy*
- **PLATTS**
  - *Oil and Natural Gas*
- **Techni Graphic Systems (TGS)**
  - *Industrial Facilities, Data Refinement*
- **Dun and Bradstreet (D&B)\*\***
  - *Manufacturing & Business Services*

\*\*Contracts have expired





## New HSIP Gold 2010 Datasets

GNIS_Admin_Features	National_Marine_Sanctuaries	Tsunami_Tide_Gauges
GNIS_Antarctica_Features	Political_Boundaries_Lines	Tsunami_Tide_Gauges
GNIS_Community_Features	US_County_Boundaries	DHS_IAL_MassTransit
GNIS_Cultural_Features	EPA_FRS_Facilities	DHS_IAL_RoadBridges
GNIS_Historical_Features	BRS_EBS_Transmitters	DHS_IAL_Roads
GNIS_Hydrography_Lines	Callsign_Service_Area_Boundaries	DHS_IAL_RoadTunnels
GNIS_Hydrography_Points	TV_B_Contours	DHS_IAL_RRBridges
GNIS_Landform_View	Red_Cross_Divisions	DHS_IAL_RRTunnels
GNIS_Structures	Red_Cross_Headquarters	National_Bridge_Inventory
GNIS_Transportation_Features	Red_Cross_Regions	Weigh_in_Motion_Stations
DHS_IAL_Points	Alternative_Fueling_Stations	Navigable_Waterway_Links
OFO_Facilities	DHS_IAL_Pipeline_Systems	Navigable_Waterway_Nodes
USPS_Administrative_Offices	Public_Refrigerated_Warehouses	DHS_IAL_Dams
USPS_Mail_Collection_Boxes	DART_Buoys	Inland_Waterway_Lines
USPS_Support_Facilities	Plate_Boundaries	Inland_Waterway_Polygons
Bathymetry_Lines	Tsunami_Events_with_runups	



# HSIP Gold 2008 Distribution

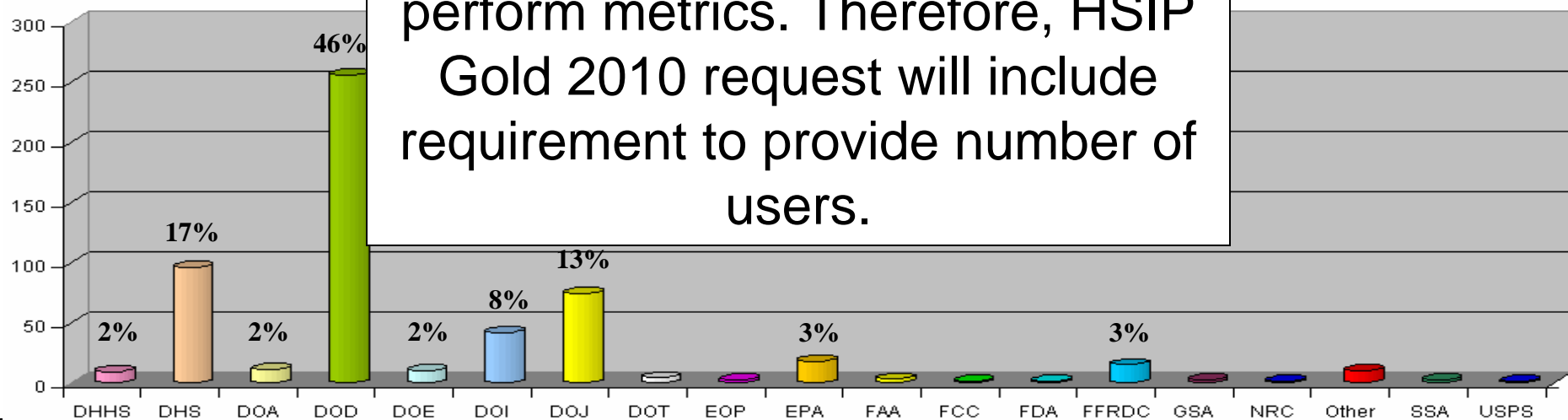
## Recipients of HSIP Gold by Agency

554 DVD sets delivered

Oct 23, 2009

USPS <1%  
NRC <1%  
FDA <1%  
FCC <1%  
SSA <1%  
GSA <1%  
EOP <1%  
FAA 1%  
DOT 1%  
DHHS 2%  
Other 2%  
DOE 2%  
DOA 2%  
FFRDC 3%  
EPA 3%

Unfortunately, these figures do not correlate well with total number of users adversely affecting ability to perform metrics. Therefore, HSIP Gold 2010 request will include requirement to provide number of users.





## HSIP Gold 2010 Policy Changes

- NGA's Office of General Council is conducting a comprehensive review of existing contracts and agreements to ensure compliance
  - Data Use Agreement will be updated
  - All users will be required to sign a new agreement
- New Request for Data forms will ask for number of users



[www.nga.mil](http://www.nga.mil)