Data Stewardship via the Lightweight Desktop Editor

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This Briefing is: UNCLASSIFIED
Overview

• Program History
• Data Stewardship Challenges
• ArcGIS Engine
• GeoBase Desktop Tool
• End User Deployment
The USAF IGI&S (formerly “GeoBase”) concept is fairly simple: enable a standard base map for all installations.

SOA eliminates heavy IT requirements, integrating enhanced mapping into your daily mission support.

The GeoBase Service: A common framework (the map) for enabling cross-functional Information sharing.
Common Installation Picture (CIP)
- Consolidation of 38 basic layers plus imagery
- Single source of installation geospatial data
- Allows users to visualize their mission assets in a shared, intuitive, cross-functional manner

Mission Data Sets
- Functional area specific data displayed as a layer on top of the CIP
• ACC IGI&S

• Leverages GIS COTS and GPS HW to produce a spatially accurate, integrated Common Installation Picture (CIP)

• GeoBase Service
  • 24x7 Net-Centric Access to map and data services from anywhere in the World
  • One geospatial picture shared across AF Domains

• AFI 32-10112
Data Stewardship Challenges

• Expensive software
• GIS is complicated!
  • Projections & coordinate systems?
  • Who is Mr Sid and what is his phone #?
  • I opened this .mdb in Access, but I don’t see any maps…
• Data Ownership
  • Aren’t the GIS guys supposed to fix this?
  • Nobody consulted me before they mapped these pipes
• Show the benefits:
  • Efficiency – time AND money
  • Process refinements made possible
  • Context – how you fit into the bigger picture
  • Tangible results
GeoBase Desktop Toolkit v.1
GeoBase Desktop Toolkit v.2.0.2
ArcGIS Look & Feel
More Data Source Options
Measure & Scale
# Project Execution Checklist

## GDT Project Checklist

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**Key**

- Adashphere Verified
- Customer Verified

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*Image of a project execution checklist with tasks and progress indicators.*
Development Challenges
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Final Version – 2.0.3
Add X, Y from Table
Coordinate Tool
Simple Analysis
Advanced Search
Edit Functions
Summary

• Data stewardship is more the half the battle
  • Provide solutions that are inexpensive and easy to use

• ArcGIS Engine provides an excellent framework
  • ArcGIS function modules
  • Toolbars and advanced editing & analysis
  • Desktop applications easily deployed to end users

• GeoBase Desktop Toolkit version 2
  • Most of the functionality of ArcGIS at a fraction of the cost
  • Increased performance and utility
Questions?

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https://www.my.af.mil/accgeoprod/GeobaseViewer/