ArcGIS for the Military: Domestic Operations

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Agenda

Overview

The Solutions Process

Solutions Demonstrations

Learn from each other

Transition to Special Interest Group
Business Architecture

Command

- Public Information
- Safety
- Liaison

- Operations
- Planning
- Logistics
- Administration
Solution Design: ArcGIS for the Military

Mission

Command

Movement &
Maneuver

Intelligence

Fires

Sustainment &
Logistics

Protection

Operational
Environment

Portal
GIS is being Transformed
Into a Cloud/Web GIS

Leveraging
Web Services
Measurement
Big Data
Faster Computing
Devices
Cloud

Emerging
Pervasive Access
Online Content
Collaboration
Easy

Integrating
Data
Imagery
GPS
LiDAR
Real Time
3D
LBS

Content Management
Analytics
Mashup
Mapping
Open

Common Geospatial Platform

Making GIS Easier, and Always Available
GIS is a Platform
For Managing and Applying Geographic Information

Data Creation Workflows
Common Database
Maps and Analytic Products

Collect Once, Use Many Times

ArcGIS for the Military - Domestic Operations: An Overview
ArcGIS Supports Multiple Implementation Patterns
Leveraging Common Computing Architecture
Web GIS can represent All Data Types
... as Web Maps and Web Services
Web GIS includes Online Content Services

Demographics
- Money
- Housing
- Behavior

Landscape
- Cultural Geography
- Land Management
- Physical Geography
- Bio-Geography

Base Maps
- Oceans
- Topographic
- Terrain
- Canvas

…”Global Maps available to all ArcGIS Users
Web GIS Integrates Organizations and People
Breaking Down the Barriers

Creating New Relationships

Sharing Information and Supporting Collaborative Approaches
The Template Development Process

Customer Involved Through the Entire Process

Gather Requirements
- Users
  - NGB
  - State JOCs
- ESRI
  - Sales
  - Services
  - Solutions

Prototype
- Solutions Team
  - Mock-up
  - Select technology
  - Define plan

Review
- Site Visit & Webinars
  - Demonstration
  - User feedback
  - Define Adjustments

Refine
- Solutions Team
  - Re-define adjustments (technical)
  - Develop modifications

Test
- Solutions Team
  - Test mod's to templates
  - Load to Amazon
  - Customer Assessment Feedback

Solutions delivered to User

Our Motto: Deliver Early and Often
ArcGIS Platform

Lyle Wright
Operational Support using ArcGIS Desktop

Lyle Wright
Vehicle Commander / Squad Leader

Joe Bayles
Collector for ArcGIS

Joe Bayles
Domestic Operations Solutions Site
http://solutions.arcgis.com/military/domestic-operations/

- Quarterly Releases
- The solution you want may exist elsewhere
What’s Next – 6 months ago

- More dedicated templates
- Operations Dashboards
- Briefing Books
- Organizational Template
- Adaptation between disciplines
- Expansion of the Solutions Website
- Administration
### Looking Back – How did we do

<table>
<thead>
<tr>
<th>Feature</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>More dedicated templates</td>
<td>Continuing</td>
</tr>
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<td>Operations Dashboards</td>
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</tr>
<tr>
<td>Briefing Books</td>
<td>Available Now</td>
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</table>
What’s Next

More dedicated templates

Expanded Use Cases

Adaptation between disciplines

Expansion of the Solutions Website

Administration
What do you want?

- Dashboards, Briefing Books
- Web Applications
  - Updated Minuteman is imminent
- More Use Cases
  - RSOI
- Disconnected Solutions
- Mobile Device Support
  - Android or iOS?
Thank you…

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  - Paper – Put in drop box

• Questions-
  - Now’s the time to ask, or you could…
    - Please come ask me directly
    - Email us