GIS Is About Integration

Supporting Individuals, Groups, and Organizations

Integrating and Synthesizing Information from Many Sources

Facilitating Communication and Collaboration

Breaking Down Barriers Between Institutions, Disciplines and Cultures

Becoming an Essential New Language
GEOINT Applications are Growing Rapidly

Mapping, Charting, Data Management, Analysis and Dissemination
This Platform Integrates All Types of Information

Web Maps Normalize The Information . . .

. . . And Make It Accessible Widely
This Platform

• Provides Geospatial Capabilities Across the Entire Organization

• Mapping
• Analysis
• Visualization

• Enabling Everyone to Access and Use GIS...
...with Solutions on ArcGIS Platform...

...Serving All Members of the Army Enterprise

Analysts

Staff
Officers

Commanders

Joint/Coalition
Forces

Deployed forces

Server/Cloud
GIS
Geospatial Enterprise for the Military

ISR Programs
- Sensors
- Intelligence
- Common Geospatial Server

C2 Programs
- COP
- Planning
- Provisioning
- Mounted
- Dismounted
Geospatial Enterprise for the Military

ISR / C2 Convergence

Sensors
Common Geospatial Server
Intelligence
COP
Planning
Provisioning
Mounted
Dismounted
ArcGIS for the Military – Land Operations
Data Management, Analysis and Planning, Field Mobility, & Situational Awareness
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Geospatial Enterprise for the Military

ISR / C2 Convergence

- Sensors
- Operations Server
- Intelligence
- COP
- Planning
- Provisioning
- Mounted
- Dismounted
GIS and C4ISR Operations
An Evolution of Technologies

<table>
<thead>
<tr>
<th>Capability</th>
<th>GIS Architecture</th>
<th>Scalable / Extensible</th>
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<tr>
<td>Single user</td>
<td>Multi-user / Department</td>
<td>Installation wide / Enterprise</td>
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<tr>
<td>File-based</td>
<td>RDBMS based</td>
<td>National / Infrastructure</td>
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<tr>
<td>‘70s - System</td>
<td>‘80s – System of systems</td>
<td>Services oriented</td>
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<tr>
<td>Geospatial Intelligence</td>
<td>Network based</td>
<td>Global Network</td>
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<tr>
<td>Operations</td>
<td>‘90s – Family of systems</td>
<td>Services oriented</td>
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<tr>
<td>Net-Centric</td>
<td>NOW – Global Information Grid</td>
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The GIS Platform Brings it All Together
How We Create, Share and Leverage Geospatial Intelligence

Easy to Use
• Visualization
• Analysis
• Mapping and Charting
Esri Defense and Intelligence Resource Center
ArcGIS for the Military – Solutions

- Beach Landing
- Path Slope Tools
- Visibility and Range Template
- Military Aspects of Weather Template
- Unknown Operations Template
- Stability Operations for ArcGIS 10
- Neutral Operations for ArcGIS 10
- METOC for ArcGIS 10
- Military Overlay for ArcGIS 10
- Imagery Basemap Template
- Patrol Data Capture Template
- Range cards Template
- Visibility and Range Template
- Observations Post Template
- Engagement Area Template
- Lodgment Template
- ArcGIS Full Motion Video Add-In 10
- Spatial Pattern Analysis in ArcGIS 10
- Multiple Dashboards

http://resources.arcgis.com
Offering ID: 1947

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