Intelligence Support to Operations
Phil Suarez | Scott Cecilio
Intelligence Support to Operations
Timely, Relevant, and Accurate

... continuous process
Intelligence Platform
ArcGIS Can Provide the Intelligence Platform

<table>
<thead>
<tr>
<th>Multi-National</th>
<th>National</th>
<th>Theater</th>
<th>Division</th>
<th>Battalion</th>
<th>Platform</th>
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</thead>
</table>

Multi-Int Products

- Combined Obstacle Overlays
- Battle Damage Assessment
- Helicopter Landing Zones
- Target Development
- Enemy Capabilities
- Network Analysis
- Mobility Analysis
- Enemy Intention
- Link Analysis
- Route Study
- Image Maps
- Threat Maps
- Collection Plans
- Enemy Strength
- Incident Analysis
- IED Density/Threat
- Line of Sight Analysis
- GMTI Analyses/Reports
- Point of Origin Detection
- Indications and Warnings
- Tribal/Human Terrain Maps

From Raw Data to Finished Intelligence
What is a Template?
Fully documented and open source

- Maps
  - Useful examples of standard information products
  - MPK, Web Maps etc..

- Tools
  - Standalone Tools or scripts

- Services
  - Map, Image, Geoprocessing, Event Processing

- Application Configurations

Templates are not new technology!
They build on what you already have and use.
Templates Support Operations
Making Geospatial Easier to Use

- Helicopter Landing
- CCM
- Visibility and Range
- Incident Analysis
- Compound Mapping
- Lines of Communication
- Drop Zone
- Engagement Area
- Lodgment Planning
- Observation Post
- Position Analysis
- Vehicle Checkpoint
- Point of Origin
- Village Clearing
- Sun Position Analysis

Available @ solutions.arcgis.com
Incident Analysis

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Incident Analysis

Five Analytical Products

Density and Clustering Analysis

AOR - Regions - Communities

Weighted Features - Statistical Analysis

Trends and Pattern Analysis
Compound Map
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HLZ Map and Tools

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Helicopter Landing Zones

Based on readily available terrain data

Models eliminate non-suitable areas

Factors-slope, vegetation, aspect, dimensions

Factor’s Airframe Requirements

Automated HLZ capacity assessment
Visibility and Range

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Solutions for ArcGIS for the Military

Blogs, Online User Community, Desktop Templates and Web Apps

Questions?
Thank you…

- Please fill out the session survey:

  First Offering ID: 947

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