ArcGIS for Law Enforcement: Advanced Use Patterns

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Agenda

Why we use GIS
ArcGIS & Law Enforcement
Leveraging the Platform
Growing Resources
Working Together
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.
Users Driving the Platform
Making ArcGIS Easier to Use

Cell Phone Analysis
Field Interviews
Special Event Planning
Incident Analysis
*Boundary Realignment
*Site Selection
*Tactical Operations

*Camera Catalog
*Facility Security
*CAD Tools
*Police Canvas
*Court Presentation
**Corrections
**Social Media
**Deconfliction

*Under Development
**Planned
Solutions and Examples
Resources and collaboration to build more tools

- Solution Pages
  - Intelligence
  - Military
  - Law Enforcement

- ArcGIS for Law Enforcement Org
  - Templates
  - Examples
ArcGIS for Law Enforcement

Command
Investigations
Operations
Security

Intelligence
Citizen Engagement

Spatially Driven Decision Support System

Transforming the Use of GIS
Intelligence
Transforming intelligence to knowledge

- HUMINT
- Open Source
- Temporal
- Relationship Chart
- Demographic Analysis
- Statistics
- Trends
- Threat Indicators
- Incidents
- Communication
Incident Analysis & Visualizing Relationships

ArcMap
Investigations
Room 140 1:30 – Cell Phone Analysis

- Gangs
- Narcotics
- Smuggling
- Terrorism
- Immigration
- Criminal
- Fraud
- Organized Crime
- Violent Crime
- Internal Affairs
Operations

Decision Support System

- Tactical
- Counter-Terrorism
- Police Canvas
- Search and Rescue
- Patrol
- Counterdrug
- Cyber Crime
- Human Smuggling
Tactical Operations

ArcGIS Online
Security & Command

Decision Support System

- Facilities
- Personnel
- Network
- Special Events
  - Sporting Events
  - Political Rally
  - Parades
  - Fairs
Stadium Security

Esri Maps for Office
Operations Dashboard
Collector
Citizen Engagement
Citizens as a Sensor

- Fraud
- Narcotics
- Smuggling
- Terrorism
- Immigration
- Criminal
- Organized Crime
- Homicide
- Theft
Story Maps