

Federal GIS Conference 2014

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ArcGIS for Law Enforcement: Advanced Use Patterns

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Why we use GIS

ArcGIS & Law Enforcement

Agenda

Leveraging the Platform

Growing Resources

Working Together

Location

People

Information

Process

Patterns

Hardware

Relationships

Software

Visualization

Physical

Analysis

Data

Measuring

Human

Knowledge

Environment

Geography

GIS

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

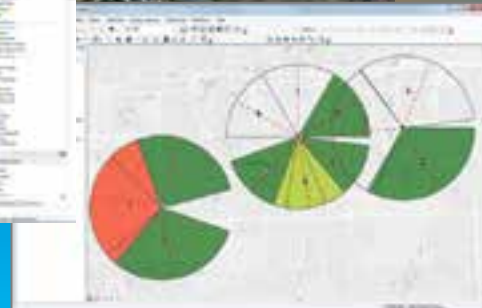
Special Event Planning

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



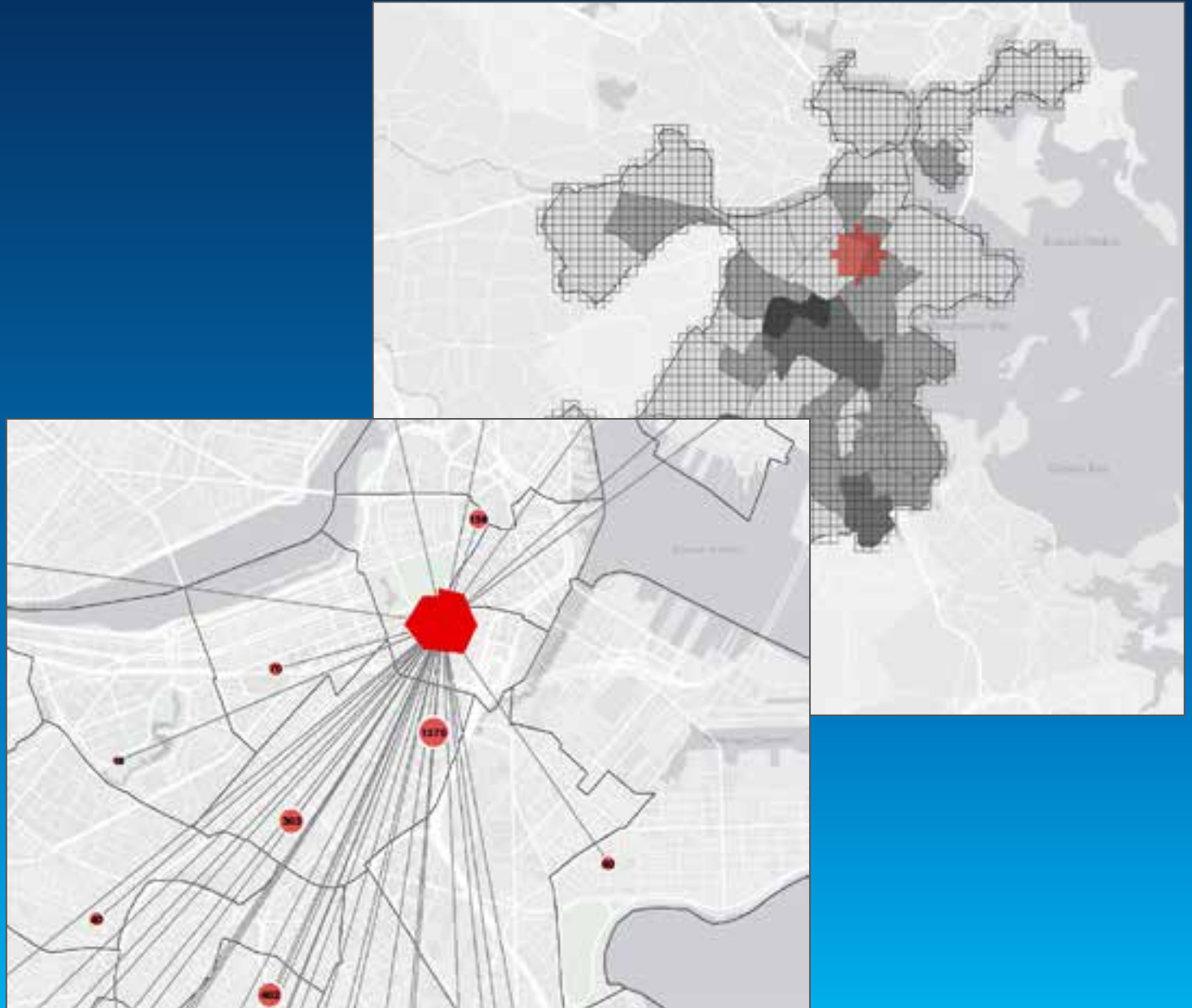
Spatially Driven Decision Support System

Transforming the Use of GIS

Intelligence

Transforming intelligence to knowledge

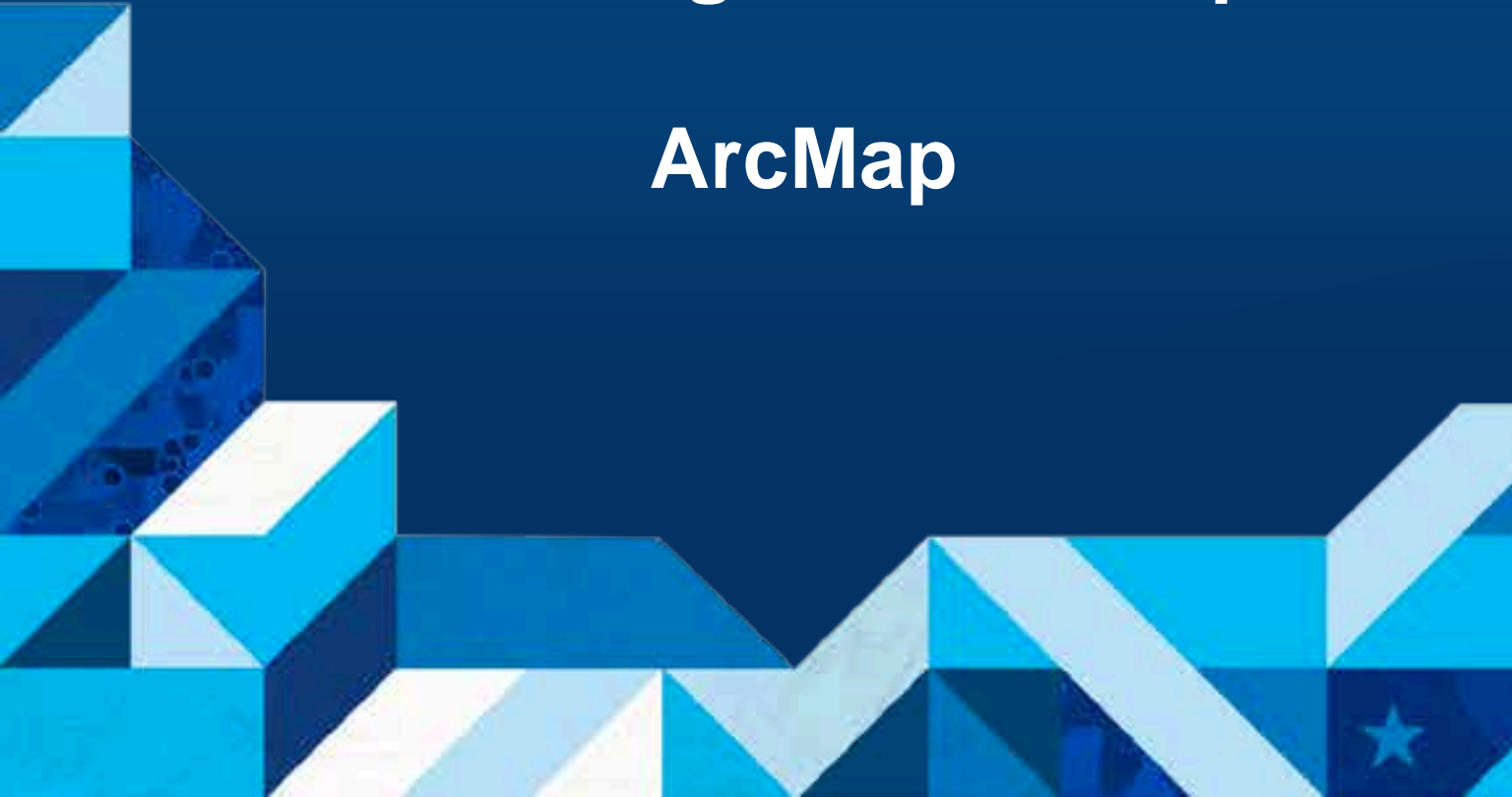
- HUMINT
- Open Source
- Temporal
- Relationship Chart
- Demographic Analysis
- Statistics
- Trends
- Threat Indicators
- Incidents
- Communication



Intelligence

Incident Analysis & Visualizing Relationships

ArcMap



Operations

Decision Support System

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



Operations

Tactical Operations

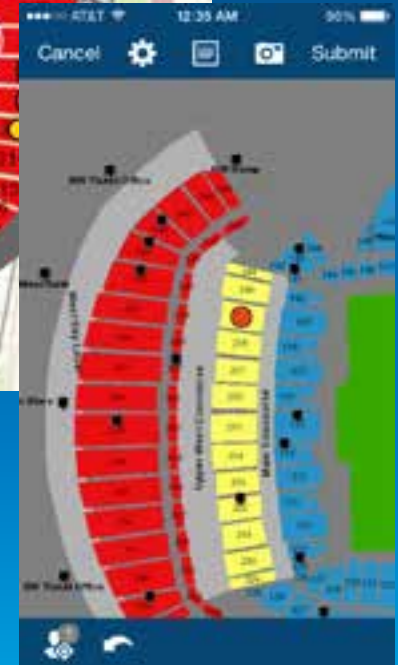
ArcGIS Online



Security & Command

Decision Support System

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



	A	B	C	D	E	F
	Section	Description	Offense	Violators	Action	Time
1	SW ticket office	request of units to deal with scalpers who are	Public Nuisance	3	Ejected	1/11/14 12:36
2	SE Gate	Ejection of two - trying to get into stadium with	Trespassing	2	Ejected	1/11/14 12:56
3	SE Gate	being advised that the state troopers are with a	Theft	1	Arrest	1/11/14 13:05
4	311	request for units on the concourse of 311 for an	Assault	2	Ejected	1/11/14 13:25
5	313	one person being ejected.	Conduct Violation	1	Ejected	1/11/14 13:33
6	west gate	Request of a unit outside of the west gate to	Public Nuisance	1	Ejected	1/11/14 13:36
7	Hawks Nest	request of fire to go near the covered part of the	Injury	1	Medical	1/11/14 13:39
8	Skydeck	One ejected.	Conduct Violation	1	Ejected	1/11/14 13:45
9	Nw Gate	person who was earlier ejected - W/M 30YO,	Conduct Violation	1	Ejected	1/11/14 13:45
10	NW ticket office	Request of units. Reported two males harassing	Public Nuisance	2	Ejected	1/11/14 13:51
11	w Sky Level	Two ejected. Brought by Staff Pro.	Conduct Violation	2	Ejected	1/11/14 13:52
12	310	Medics to 310 inside the bowl- woman slipped	Injury	1	Medical	1/11/14 13:55
13	South side	In need of additional officers to help get a guy off	Confrontation	1	Ejected	1/11/14 13:59
14	310	Additional medics needed - male who fell down	Injury	1	Medical	1/11/14 13:58
15	SW ramp	Units being requested. Drunk guy alcohol	Substance Abuse	1	Questioning	1/11/14 14:00
16	South side	two ejections.	Conduct Violation	2	Ejected	1/11/14 14:02
17	NW ticket office	Man is still at the box office harassing the staff	Public Nuisance	1	Ejected	1/11/14 14:05
18	SW Gate	1 ejected	Conduct Violation	1	Ejected	1/11/14 14:07
19	West Gate	Three Ejected	Conduct Violation	3	Ejected	1/11/14 14:07
20						

Operations

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

City of San Luis Obispo, Neighborhood Officers 2014

The 15 distinct neighborhoods each with a dedicated police officer assigned to address community livability issues and to quickly identify concerns, problems and crime trends specific to each neighborhood.

[About Neighborhood Outreach](#)




Officer Lincoln and Officer Benson

Email Officer Lincoln (805) 594-0143 or Officer Benson (805) 594-0059

Ogden City Community Policing

The Community Policing Program is composed of Law Enforcement Officers working one-on-one with citizens in the community and developing an informational working relationship between the police and the citizens they serve.



Officer Zack Martin

Officer Zack Hill, Officer Garrett Taylor, Officer Zack Martin, Officer Chad Smith, Officer Kevin...

Citizen
Engagement

Story Maps





Understanding our world.

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