

Federal GIS Conference 2014

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Web Editing

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What is Web Editing?

Gathering Requirements

Agenda

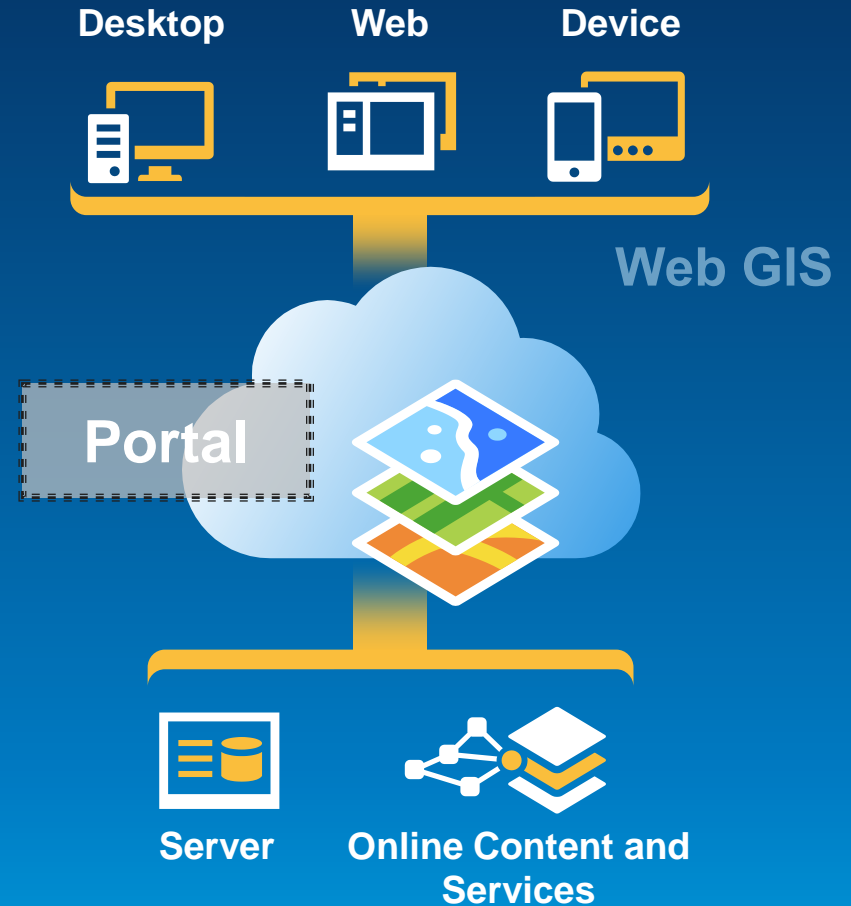
Benefits

Use Cases

Examples

Web Editing

- Types of Web Services
- Deployment Considerations
- Geodatabase Design
- Configuration and Publishing Services
- Architecture Design Models
- Security Requirements
- Disconnected Editing
- Business System Integration



What is Web Editing?

- **Ability to manipulate and update features services**
- **Updates occur dynamically over web**
- **Supports mobile workflows**
- **Map viewer consumes services to display changes**

Really...What is Web Editing?

An opportunity to communicate across your organization

- Ask Questions
- Process
- Infrastructure
- Responsibilities
- End Consumer
- Purpose
- Failure
- Triggers

Enables all workflows and data to be shared across an organization to support any mission in any operational environment.

Everyone in your organization from the citizens to the CEO.

ArcGIS for Law Enforcement



Spatially Driven Decision Support System

Transforming the Use of GIS

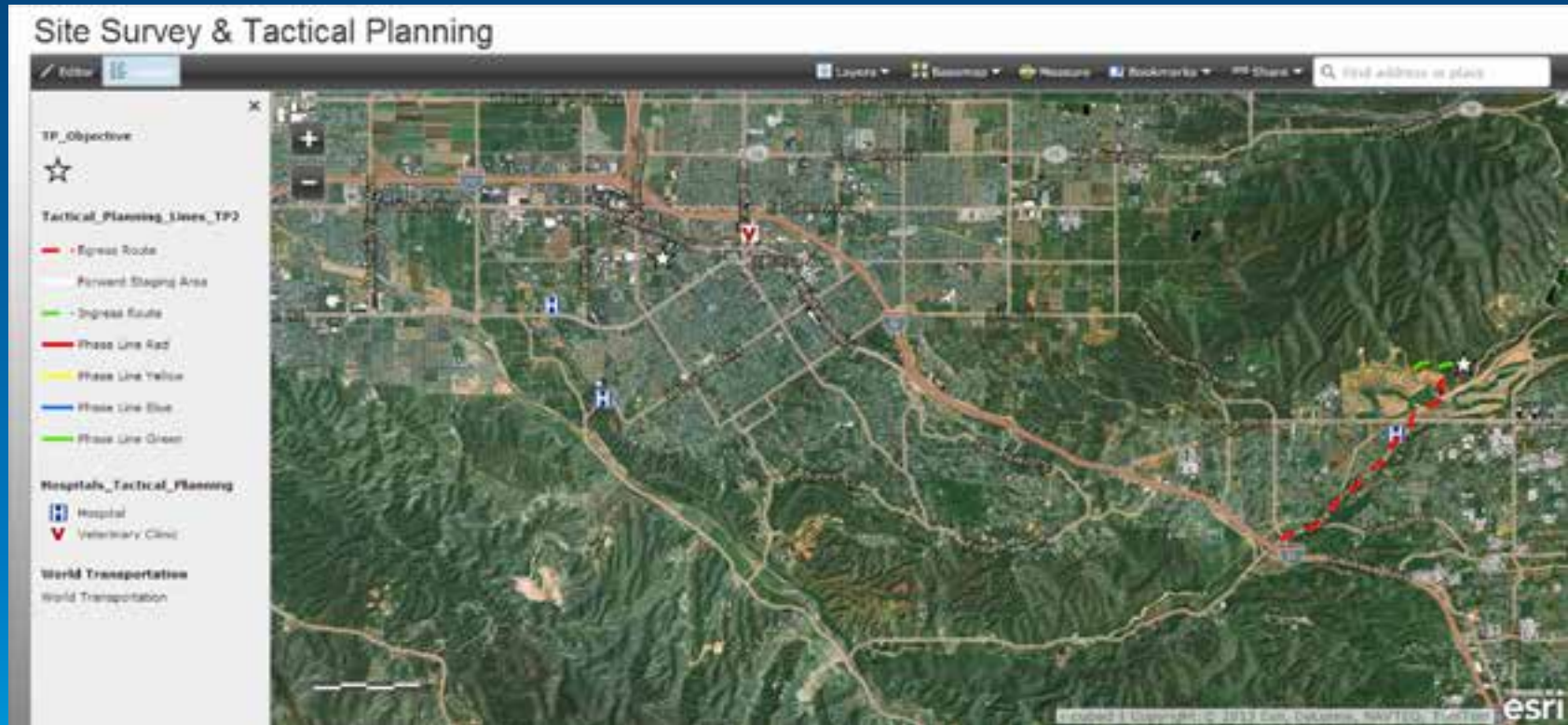
Tactical Operations - Planning



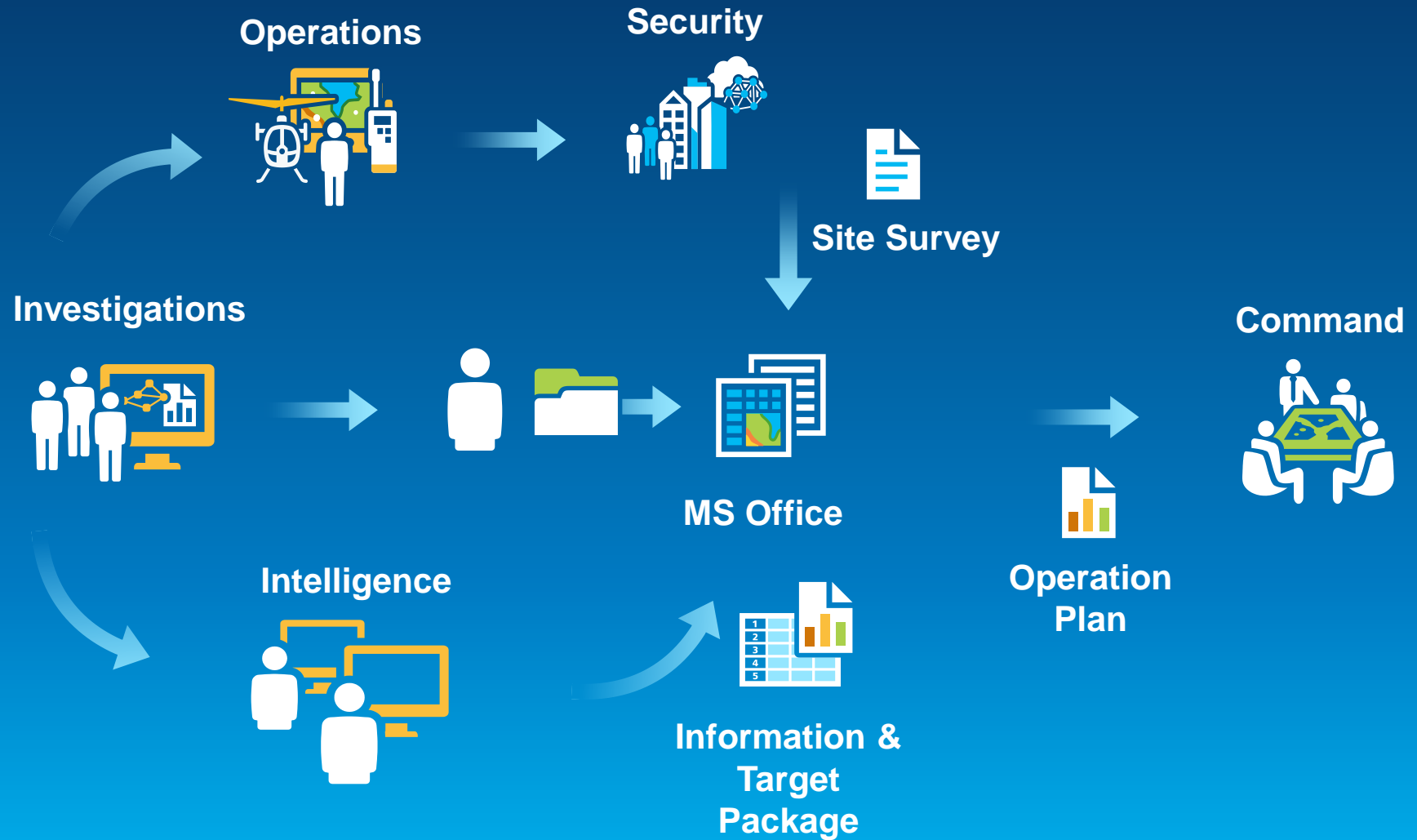
Site Survey & Tactical Planning

GIS for everyone

- Streamlined Workflow
- Web Enabled
- Mobile
- Dynamic Planning



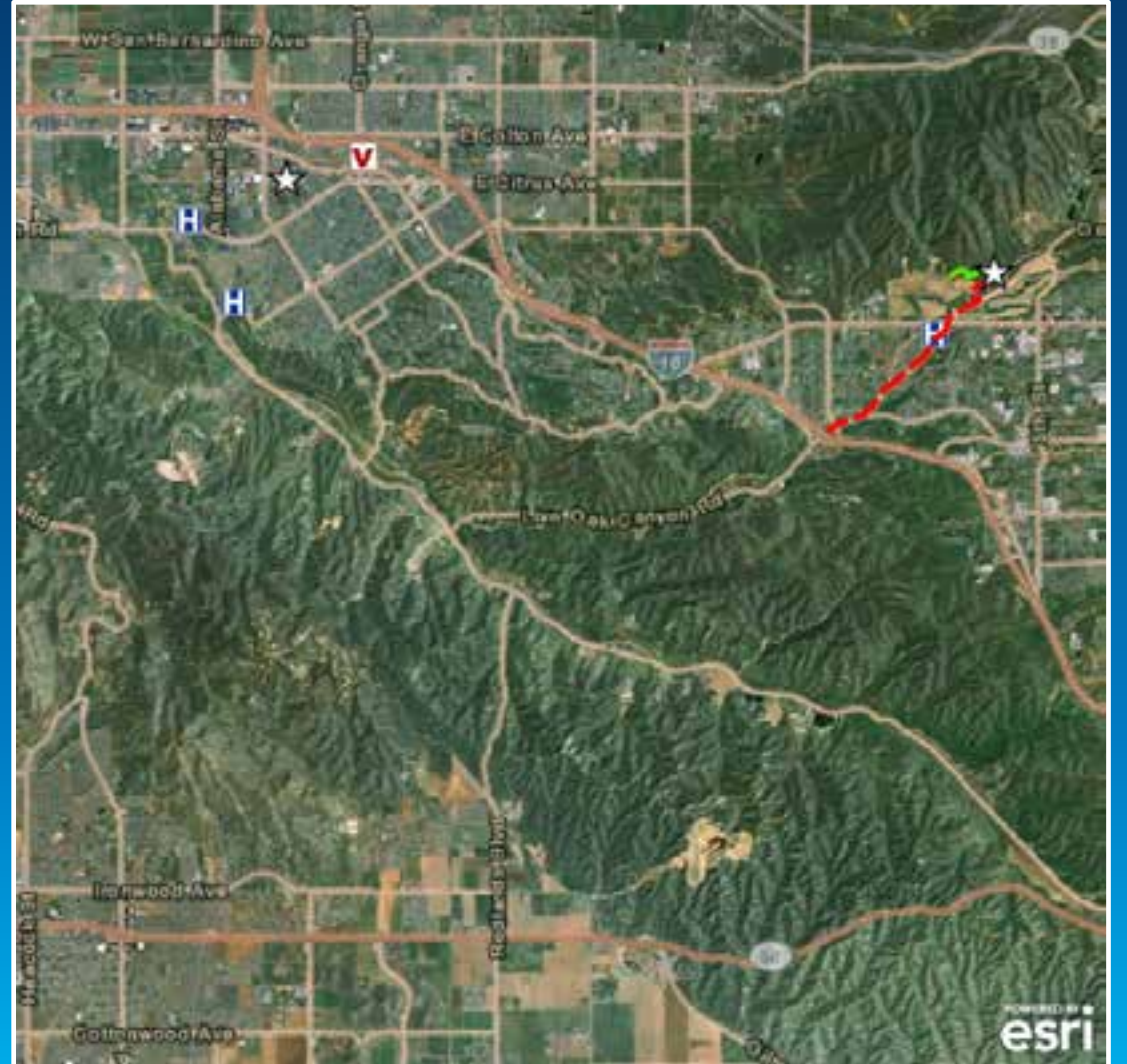
Tactical Operations - Planning



Operation Order – Dynamic Map

Enrich with web editing

- Visualize the Operation
- Product, Not Information
- Updated Information



Tactical Operations - Execute



Tactical Operations - Planning

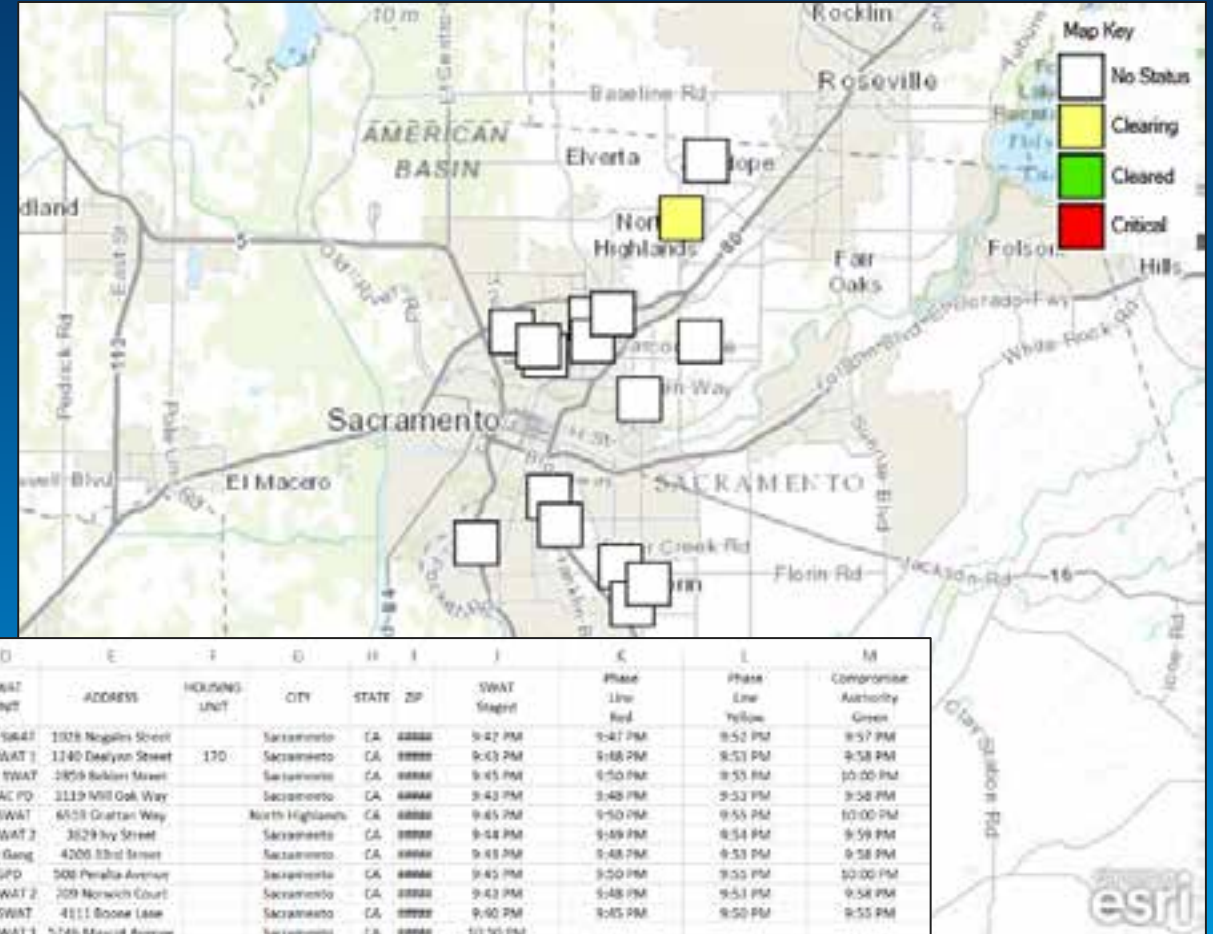


Use Case – Operation Support

Operations Driven Approach

More Than Notes on Paper

- Operation Status
- Unit Location and Status
- Event Board Entries
- A “Takedown Operation” is when multiple targets are simultaneously hit by SWAT within a short period of time.



A	B	C	D	E	F	G	H	I	J	K	L	M
ID	STATUS	PHASE	SWAT Unit	ADDRESS	HOUSING UNIT	CITY	STATE	ZIP	SWAT Start	Phase Line Red	Phase Line Yellow	Comproise Authority Green
1	Clear	1	SAC SWAT	1028 Naglin Street		Sacramento	CA	95800	9:47 PM	9:47 PM	9:52 PM	9:57 PM
2	Clear	1	MF SWAT 1	1240 Dealyon Street	170	Sacramento	CA	95800	9:43 PM	9:48 PM	9:53 PM	9:58 PM
3	Clear	1	Peri SWAT	2859 Bulkeri Street		Sacramento	CA	95800	9:45 PM	9:50 PM	9:55 PM	10:00 PM
4	Clear	1	WISAC PD	3119 Mill Oak Way		Sacramento	CA	95800	9:43 PM	9:48 PM	9:53 PM	9:58 PM
5	Clear	1	LV SWAT	6018 Grattan Way		North Highlands	CA	95800	9:45 PM	9:50 PM	9:55 PM	10:00 PM
6	Clear	1	BF SWAT 2	3829 Ivy Street		Sacramento	CA	95800	9:44 PM	9:49 PM	9:54 PM	9:59 PM
7	Clear	1	MSD Gang	4206 Ethel Street		Sacramento	CA	95800	9:48 PM	9:48 PM	9:53 PM	9:58 PM
8	Clear	1	CGPD	508 Peralta Avenue		Sacramento	CA	95800	9:45 PM	9:50 PM	9:55 PM	10:00 PM
9	Clear	1	LA SWAT 2	209 Norwich Court		Sacramento	CA	95800	9:43 PM	9:48 PM	9:53 PM	9:58 PM
10	Clear	1	SD SWAT	4111 Boone Lane		Sacramento	CA	95800	9:40 PM	9:45 PM	9:50 PM	9:55 PM
11	Staged	2	LA SWAT 1	5746 Mascot Avenue		Sacramento	CA	95800	10:50 PM			
12	Staged	2	LA SWAT 2	6004 Leonardo Way		El Grove	CA	95800	10:48 PM			
13	Staged	2	BF SWAT 1	8563 Carlin Avenue		Sacramento	CA	95800	10:50 PM			
14	Staged	2	Peri SWAT	885 Blaircrest Way		Sacramento	CA	95800	10:48 PM			
15	Staged	2	SD SWAT	7008 Norman Way		Sacramento	CA	95800	10:50 PM			
16	Staged	2	LV SWAT	7822 Buggy Court		Sacramento	CA	95800	10:50 PM			
17	Staged	2	MF SWAT 2	7342 Kara Drive		Sacramento	CA	95800	10:52 PM			
18	Staged	2	MSD Gang	8000 Weinga Road	BT	Antelope	CA	95800	10:53 PM			
19	Staged	2	SAC SWAT	8808 Felton Crest Way		El Grove	CA	95800	10:50 PM			

Use Case – Canvas Operation

Missing Person – Man Hunt – Search & Rescue

More Than Notes on Paper

- Large Scale
- Maintain Oversight
- Coordinate Efforts
- Mobile



ArcGIS for Law Enforcement



Spatially Driven Decision Support System

Transforming the Use of GIS

Benefits of Web Editing...

- **Efficiency**
- **Dynamic**
- **Productivity**
- **Information Flow**
- **Security**
- **Decision Maker**
- **Success**



Understanding our world.

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