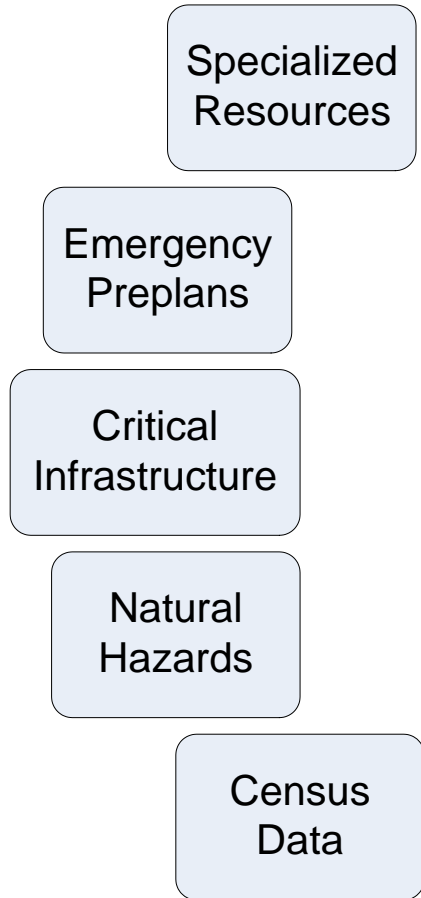


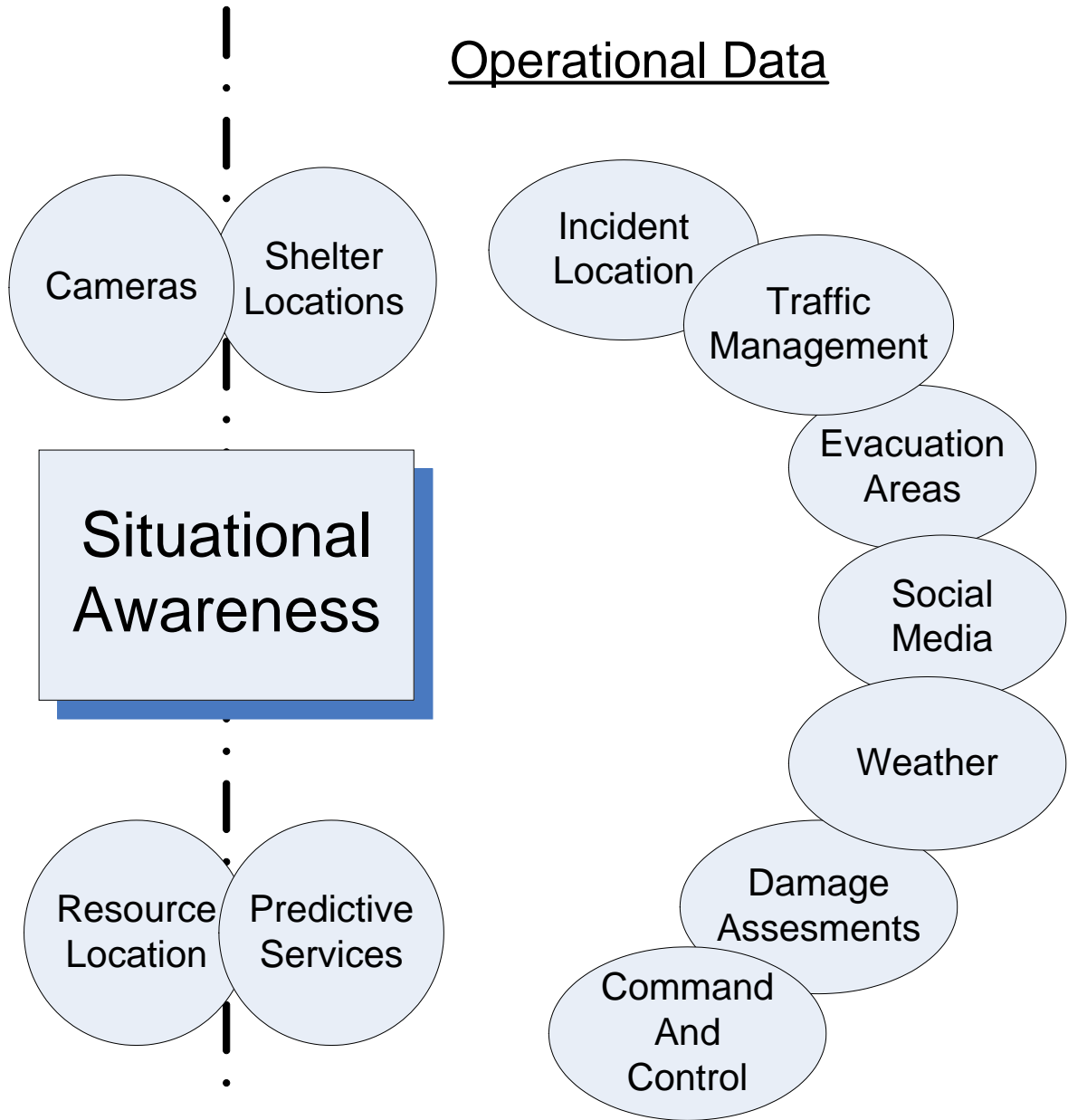
Situational Awareness: Emergency Management Perspective

- Lots of data sources – Focus on the most critical and useful
- Types of data
- ArcGIS Online as a sharing platform
- Common Operating Data – San Diego Ecosystem
- Keep it simple – Risk Assessment Matrix sample

Ready Data



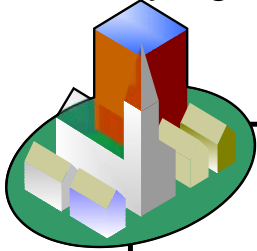
Operational Data



ArcGIS Online Organizational Accounts

Public

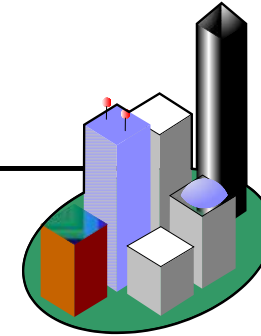
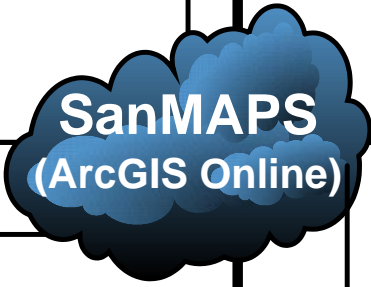
Public Safety Agencies



What and who to share with?
Public?
Private?



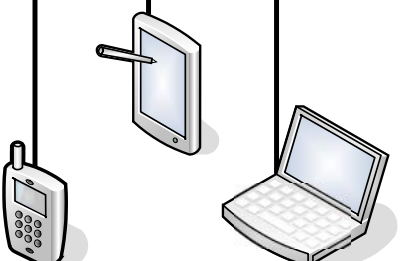
Local Agency ESRI
Software and Data



Examples:

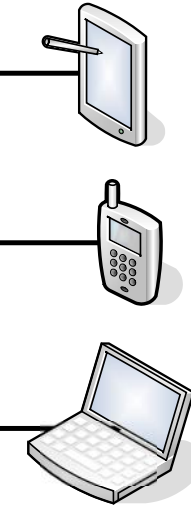
- Incident Location
- Command and Control
- Evacuation Areas
- Damage Assessment
- Road Closures
- Shelters
- Critical Infrastructure
- Hazard Risk Maps
- Position Location
- Specialized Resources
- Utilities
- Emergency Preplans
- Social Media
- Cameras
- Traffic Management
- Census Data
- Weather

Mobile Public Safety Users

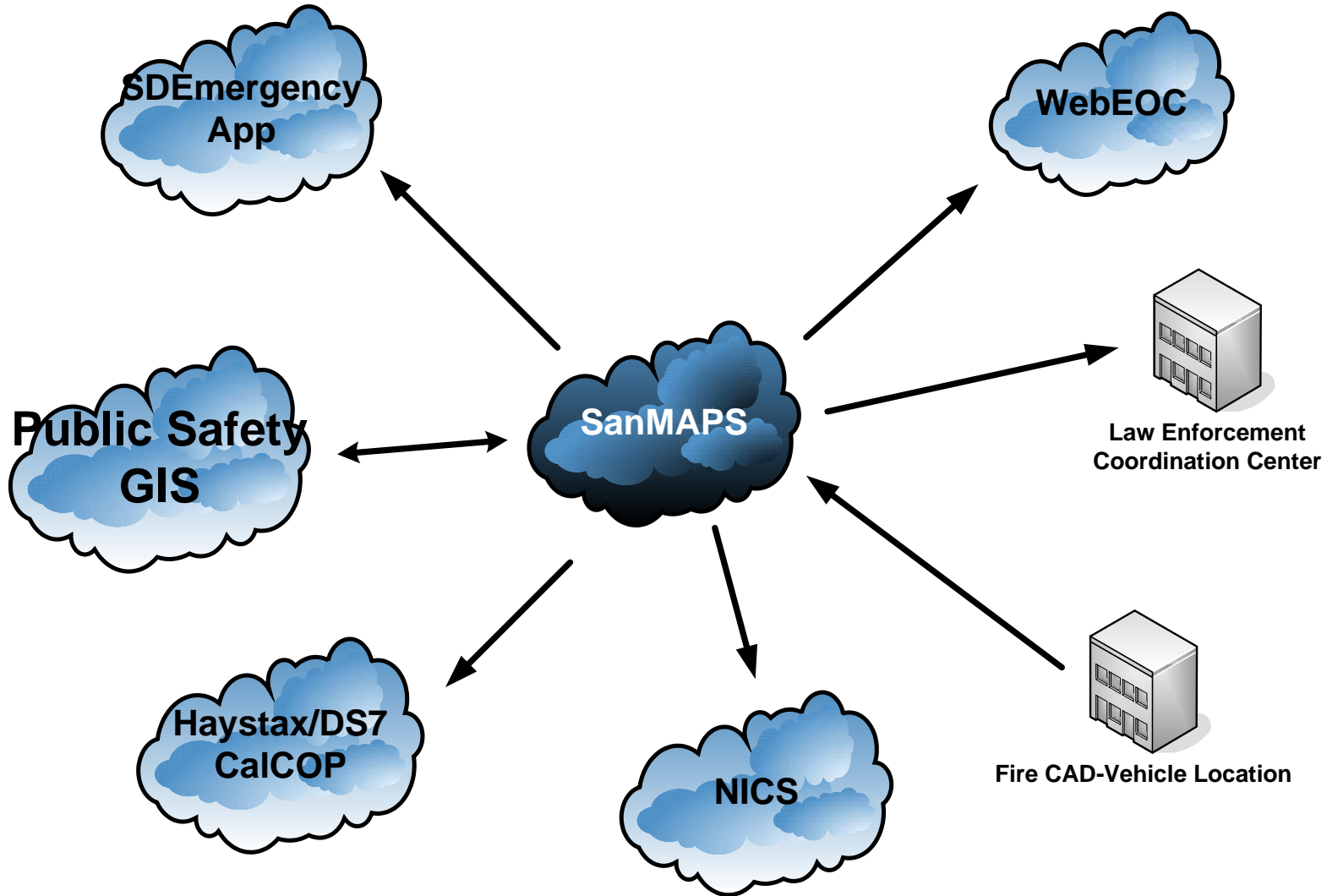


Examples:

- SDEmergency App
- Embed in Website
- Evacuation Areas
- Road Closures
- Incident Location
- Shelters



Common Operational Data – San Diego Ecosystem





WUI Name: HARBISON-CREST

Location: San Miguel FPD/San Diego County (Unincorporated)

Public Safety Grids: 2338-2942 **WUI Grid No.:** 23-24 **Thomas Guide Grids:** 1232-1253



SDR01W

Insp'd Date: 10/6/2014
By: Rohde & Assoc.

- [Risk Assessment](#)
- [Tactical Plan](#)
- [Tactical Map](#)
- [Area Map](#)
- [Aerial Map](#)
- [Additional Info](#)

RISK ASSESSMENT MATRIX

HARBISON - CREST		
RISK ASSESSMENT MATRIX		
SAFETY	STATIC	ATTACK
FF Safety	Fuels	Access
1	1	1
Civ. Safety	Topography	Water
1	1	1
Air Safety	Clearance	Comms
1	1	2
Hazmat	Construct	Tac Air
2	2	1
Entrapment Risks- 1	Density	
	3	

S A F E T Y	FF Safety	FF Safe	No Safety Zones	Marginal Safety Zones	Adequate Safety Zones
	Civilian Safety	Civ Safe	Mandatory Evacuation	Evacuate if Time Permits	Shelter in Place
	Air Safety	Clear	Restrictions, Steep Cyns	30' to 70'	More than 70'
	HazMat	HazMat	Bulk LPG, Chemicals	Hazards in Barn	None
S T A T I C	Fuels	Fuels	Heavy or Dead Trees, Brush	Moderate	Light
	Topography	Topog	Steep	Medium Slope	Flat
	Clearance	Clear	30' or Less	30' to 70'	More than 70'
	Construction	Const	Abundant Combustable	Some Combustable	Non-Combustable
A T T A C K	Structural Spacing	Density	Dense Spacing	Subdivision Tracts	Rural, dispersed
	Access	Access	Narrow, Dirt Rds, No turnarounds	1 Ln, paved, 1-way in/out	2-Lane Rds, Good Ingress/Egress
	Water	Water	No Water Source	Ponds, pools, low flow hydys	Good Hydrants
	Communications	Comm	Poor Radio, Cell Coverage	Some Weak Spots	Good Coverage
	Tac Air Support	Tac Air	20+ Min Re-load, No LZs	10-15 Min Re-load, No LZs	5 Min re-load, LZs

CRITICAL INFORMATION

Response Safety
Harbison Canyon and the community of Crest are high risk locations which have experienced numerous severe wildfires, a firefighter fatality and numerous near-misses, and extensive structural loss. The community of Harbison Canyon may be undefensible under extreme fire behavior conditions. Many homes with limited defensible space, high exposure, and other risk factors.

Aviation Hazards
1. Power lines South-west of Crest.
2. Harbison Canyon is a military low-level flight training route.

Potential Choke Points/Entrapments
All routes accessing both communities may be compromised by fire movement including La Cresta Rd., Mountain View Rd./Francis Dr., Harbison Canyon Rd., Japatul Rd., & Dehesa Rd. Be prepared to close roads to all traffic when safety is compromised by fire movement. Dirt roads should not be used during fires by civilian traffic. When safe, Suncrest TT. may be used by fire apparatus only.

Questions?

Contact:

Mike Scott

San Diego Regional Technology Partnership

mscott@sdrtp.com