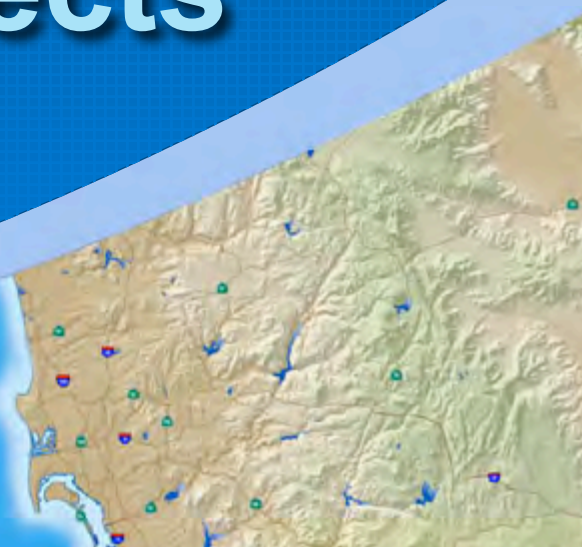




San Diego Urban Area Homeland Security Geospatial Projects



Homeland Security UASI Investments

Regional

- 3Cs Microwave Communication System
- Regional Terrorism Threat Assessment Center
- Interoperability Radio Project
- Planning and Citizen Preparedness
- Critical Infrastructure and Key Resource Assessment and Protection
- Chemical, Biological, Radiological/Nuclear, and Explosive Training and Equipment
- Regional Preparedness via I/O Technology and Geospatial Data

Shared State Wide Investments

- CopLink Training and Equipment
- Enhance Emergency Management, Mutual Aid, and Catastrophic Event Planning

Regional Funding FY08

FY08 UASI INVESTMENT PRIORITY			FY08 Award	\$ 15,510,500
P	INVESTMENT		State's 20%	\$ 3,102,100
			Balance	\$ 12,408,400
1	I/O Radio Project	\$ 423,242	3% M&A	\$ 372,252
2	GIS/RTC	\$ 5,504,756	Balance	\$ 12,036,148
3	3Cs	\$ 250,000		
3	RTTAC	\$ 1,411,290	10% Training	\$ 1,240,840
5	CBRNE	\$ 2,412,160	25% Law Act.	\$ 3,102,100
6	CI/KR	\$ 818,194	25% PIng/IED	\$ 3,102,100
7	PIng/Cit Prep	\$ 670,190	Other	\$ 4,591,108
8	Catastrophic Pln	\$ 270,116		
9	Coplink	\$ 276,200	15% PIng Max.	\$ 1,861,260
		\$ 12,036,148		

FY08 Regional Preparedness via I/O Technology and Geospatial Data

- Regional Technology Center
- Fire Services Geodatabase
- San Diego Regional Emergency Geospatial Information Network
- Interoperable Computer Aided Dispatch
- Terrorism Liaison Smart Phones
- Interoperable Equipment for Command Vehicles
- Mobile Data Computers for Rural Fire and Law Enforcement
- Imagery and Hardcopy Run Books
- ARJIS PacWIN/Ewatch Program Expansion

FY09 Regional Preparedness via I/O Technology and Geospatial Data

Priority 1 Funding

- Regional Technology Center
- Interoperable Computer Aided Dispatch
- Interoperable Equipment for Command Vehicles
- Hardcopy Run Books
- School Digital Hazard Plans

Priority 2 & 3 Funding

- Fire Services Geodatabase
- San Diego Regional Emergency Geospatial Information Network
- Imagery

UASI Funded GIS Projects

North Zone

Digital Target Hazard Plans

South Zone

Switching and Security Hardware support for MDCs

Omega Fire View Software

GIS Software and Map Server

Digital Target Hazard Plans

City of San Diego

Data Integration

Data Development

Digital Target Hazard Plans

County of San Diego

Data Integration

Data Development

Digital Target Hazard Plans

Fire Hazard & Risk Mapping

Region

Hardcopy Run Books

Imagery

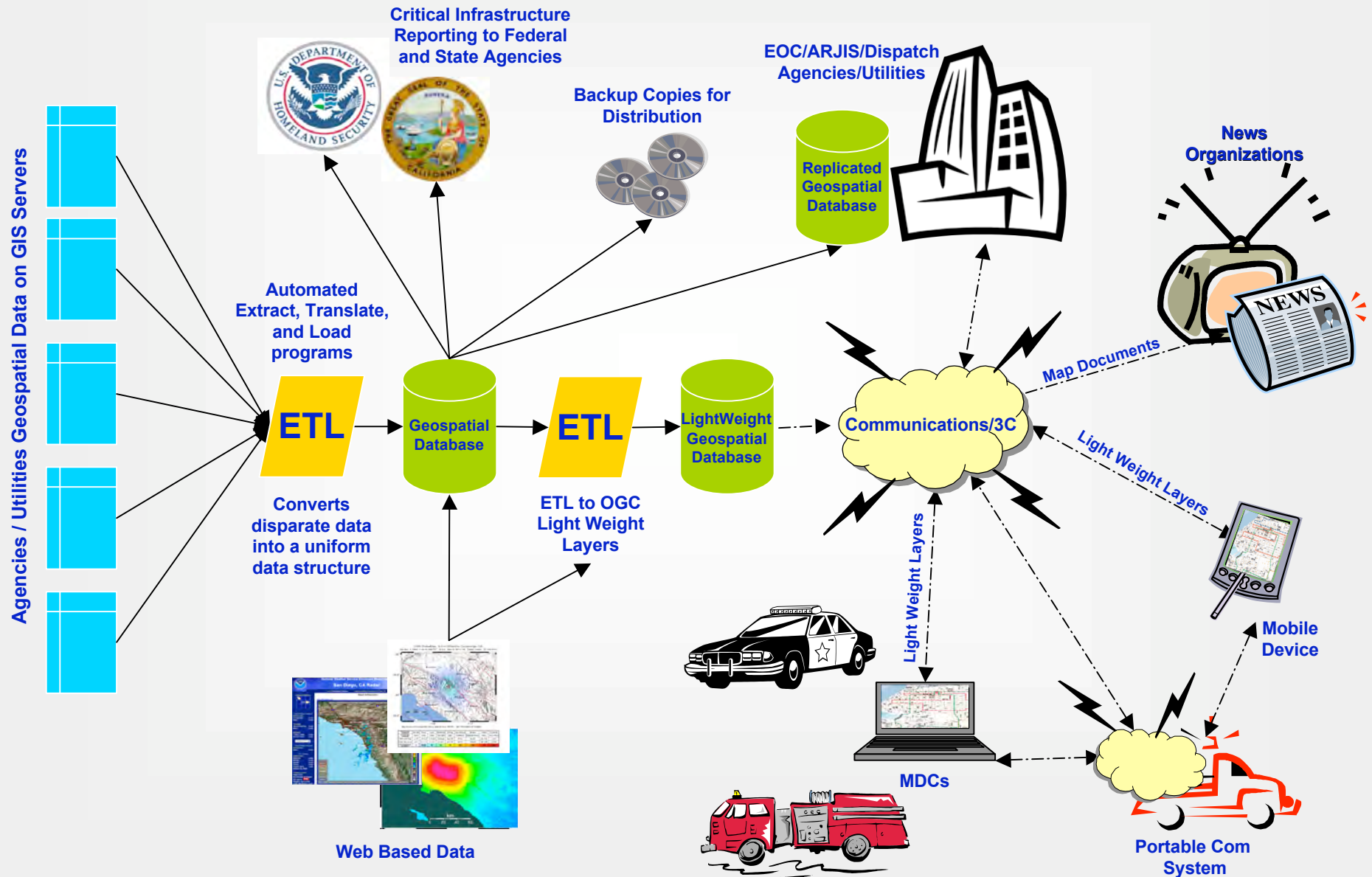
SDREGIN

Implementation & Equipment

School Digital Target Hazard Plans
(FY07 Funding)

Interoperable CAD Project

San Diego Regional Emergency Geospatial Information Network



San Diego Regional Emergency Geospatial Information Network

SDREGIN Goals:

- Provide regional GIS interoperability
- Fulfill state and federal homeland security reporting requirements
- Enhance regional incident information communication
- Support the regional fire geodatabase
- Support geospatial applications focused on emergency services and response
- Provide regional geospatial data to ARJIS and law enforcement agencies
- Ease demand on local GIS departments
- Reduce redundant efforts across the region

San Diego Regional Emergency Geospatial Information Network

- Regional project identified as a top priority by
 - Unified Disaster Council
 - SANDAG Public Safety Committee
 - Regional Technology Partnership
 - Urban Area Working Group
- Broken into two phases
 - Planning
 - Implementation

Phase I Tasks

- Task 1 - Inventory of existing critical infrastructure data layers

Deliverable – Inventory database and report

- Extent of area covered
- Associated valid attributes
- Currency of data and update cycle
- Data accessibility or sensitivity
- Data representation
- Ability to share data

- Task 2 - Needs Assessment of Emergency GIS Requirements

Deliverable - Report

- Identify geospatial data that is critical for
 - Day to day operations
 - Existing public safety applications
 - Large response efforts
 - Other data
- Identify data that can and cannot be shared
 - Between agencies
 - Reasons for not being able to share
- Ability to share and receive data

Phase I Tasks

- Task 3 - Recommend Data Development and Maintenance Needs
Deliverable – Report & maps documenting data extents and gaps, cost estimates to fill data gaps
 - Identify data that can currently be integrated
 - Identify geographic and/or attribute data gaps
 - Identify data development needs
 - Provide cost estimate for each gap

- Task 4 - Recommended Oversight, Management Model, Data Schema
Deliverable – Policy and guidelines report, ArcGIS compatible schema
 - Recommend data framework and schema
 - Recommend a management and oversight model
 - Identify new or existing agency
 - personnel
 - Network and hardware requirements
 - Software requirements

Phase I Tasks

- Task 5 - Design, Implementation, Maintenance, and Security Plan
Deliverable – Statement of Work, Project Scope and Planning Document
 - Address all aspects of
 - Data structure
 - Warehousing
 - Systems and hardware
 - Security strategy and measures
 - Detailed cost estimate for implementation and maintenance
 - Implementation timeline
 - Conduct pilot project between one of the jurisdictions and the data warehouse

Phase II Implementation

- Warehouse structure, practices, and policies for intra- and inter-organizational cooperation
- Extract translate & load scripts
- Data acquisition and development
- Web mapping service and cached data sets
- Data replication
- Hardware and software acquisition and development
- Protocols, standards, training, and awareness for users



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