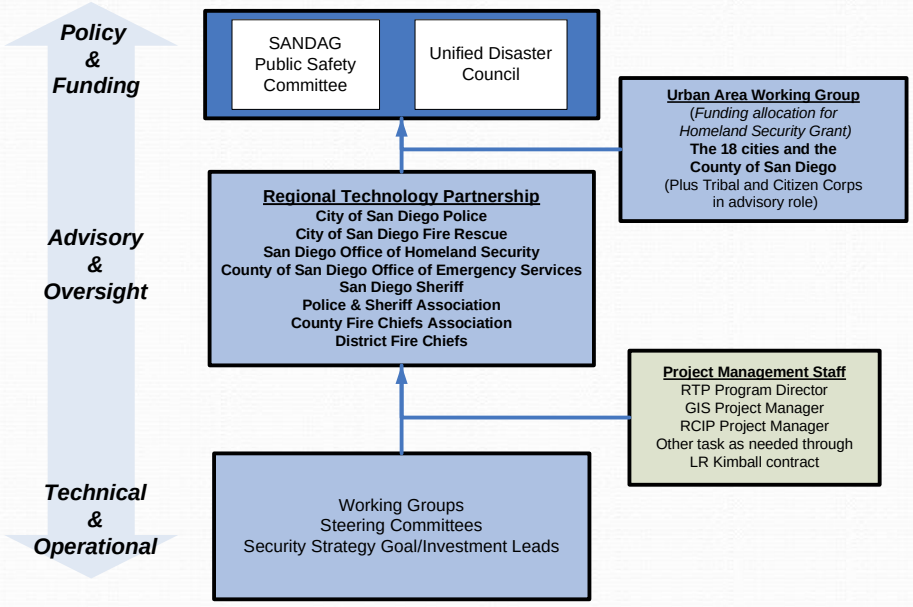
San Diego Urban Area Regional Strategic Technology Plan

Regional Technology Plan

Vision

Provide a framework for an effective approach to everyday prevention, protection, mitigation, response and recovery through regional interoperable technology solutions.

Framework for Regional Technology Coordination



Plan Development

- Previous 2011 Regional Strategic Technology Plan
- 2012 San Diego Homeland Security Strategy Goals and Objectives
- Interviews and input from key stakeholders managing current initiatives
- Present to RTP, Fire Chiefs, Police/Sheriff, UDC and SANDAG PSC.

Technology Plan

- A 24 month set of initiatives for the region
- The plan does not prioritize the initiatives
- The plan can be used to support funding decisions
- The plan should be used to leverage all types of funding sources

Goals

- Interoperable Voice Communications
- Interoperable Data Solutions
- Interoperable Geospatial Solutions
- Transition Projects to Programs

Interoperable Voice Communications

1.1 Complete the migration of regional voice communications systems to Project 25 standards.

1.2 Expand capabilities of VHF radio infrastructure.

1.3. Complete the Regional Interoperability Communications Plan.

1.4 - Complete the Regional Fire Emergency Communications Center Study.

1.5 – Continue to develop Regional Community Notification Systems.

Interoperable Data Solutions

2.1 – Complete the build-out of the Regional CAD Interoperability Project

2.2 – Expand capabilities and access to law enforcement data through mobile data devices.

2.3 – Expand the use of mobile data devices for first responders.

2.4 Expand regional capabilities of the license plate reader program.

Data continued…

2.5 – Develop a regional approach to interagency sharing of live video surveillance.

2.6 – Continue to develop the Digital Sandbox risk management software analysis and operational tools.

2.7 – Expand use of 3C's microwave data network to support regional data interoperability initiatives.

2.8 Continue to develop the Protective Radiological and Nuclear Detection Program.

Interoperable Geospatial Solutions

3.1 – Complete the build-out of the San Diego Regional Public Safety Geodatabase.

3.2 – Expand the types of applications for the regional public safety geodatabase.

3.3 - Monitor impacts of transitioning to Next Generation 911 systems on GIS data requirements.

3.4 - Complete the high priority critical infrastructure and target hazard plans in GIS format.

GIS continued…

3.5 - Complete the high priority Wildland Urban Interface Emergency Response Plans in regional GIS format.

3.6 - Develop a regional platform for providing geospatial information to first responders and emergency managers.

3.7 – Continue to utilize regional approach to purchasing aerial imagery.

3.8 – Integrate Hazardous Materials Data

Projects to Programs Initiatives

4.1 – Identify a solution for sustainment to support the Regional CAD Interoperability Program.

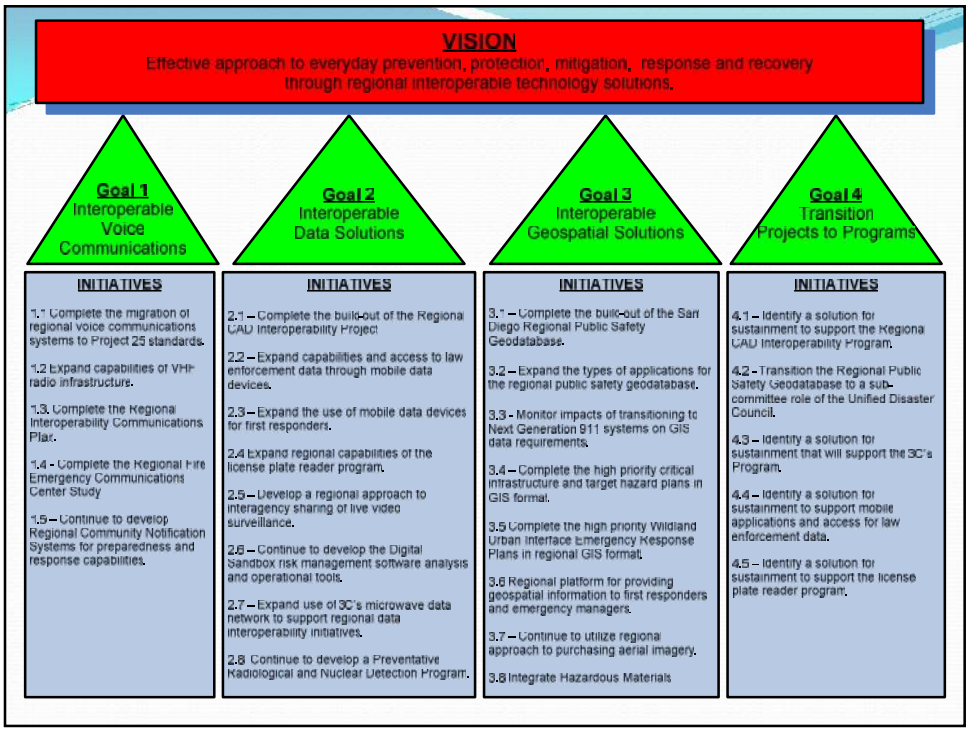
4.2 - Transition the Regional Public Safety Geodatabase to a sub-committee role of the Unified Disaster Council.

4.3 – Identify a solution for sustainment that will support the 3C's Program.

Projects to Programs continued..

4.4 – Identify a solution for sustainment of mobile applications and access for law enforcement data.

4.5 – Identify a solution for sustainment of the license plate reader program.


VISION
Effective approach to everyday prevention, protection, mitigation, response and recovery through regional interoperable technology solutions.
Goal 1
Interoperable Voice Communications
Goal 2
Interoperable Data Solutions
Goal 3
Interoperable Geospatial Solutions
Goal 4
Transition Projects to Programs
INITIATIVES
1.1 Complete the migration of regional voice communications systems to Project 25 standards.
1.2 Expand capabilities of VHF radio infrastructure.
1.3. Complete the Regional Interoperability Communications Plan.
1.4 - Complete the Regional Fire Emergency Communications Center Study
1.5 – Continue to develop Regional Community Notification Systems for preparedness and response capabilities.
INITIATIVES
2.1 – Complete the build-out of the Regional CAD Interoperability Project
2.2 – Expand capabilities and access to law enforcement data through mobile data devices.
2.3 – Expand the use of mobile data devices for first responders.
2.4 Expand regional capabilities of the license plate reader program.
2.5 – Develop a regional approach to interagency sharing of live video surveillance.
2.6 – Continue to develop the Digital Sandbox risk management software analysis and operational tools.
2.7 – Expand use of 3C's microwave data network to support regional data interoperability initiatives.
2.8 Continue to develop a Preventative Radiological and Nuclear Detection Program.
INITIATIVES
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3.4 – Complete the high priority critical infrastructure and target hazard plans in GIS format.
3.5 Complete the high priority Wildland Urban Interface Emergency Response Plans in regional GIS format.
3.6 Regional platform for providing geospatial information to first responders and emergency managers.
3.7 – Continue to utilize regional approach to purchasing aerial imagery.
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4.2 - Transition the Regional Public Safety Geodatabase to a sub-committee role of the Unified Disaster Council.
4.3 – Identify a solution for sustainment that will support the 3C's Program.
4.4 – Identify a solution for sustainment to support mobile applications and access for law enforcement data.
4.5 – Identify a solution for sustainment to support the license plate reader program.