October 20, 2016

TO: UNIFIED DISASTER COUNCIL

FROM: REGIONAL TECHNOLOGY PARTNERSHIP

SUBJECT: REGIONAL TECHNOLOGY STRATEGIC PLAN

Recommendation:

That the Unified Disaster Council approves and adopts the Regional Technology Strategic Plan as presented by the Regional Technology Partnership.

Background:

In early 2016, the Regional Technology Partnership (RTP) initiated an update of the Regional Technology Strategic Plan (RTSP). The previous version of the plan was approved in 2013.The process for updating the plan has included individual meetings and a stakeholder's workshop. In addition, the Police and Sheriff Management Committee and San Diego County Fire Chiefs Association have been briefed on the content of the plan.

The RTSP provides the San Diego Urban area with a road map for implementing an effective approach to everyday prevention, protection, mitigation, response and recovery through regional interoperability technology solutions. The plan provides a comprehensive technology review of current San Diego Urban Area (SDUA) accomplishments, capability gaps, recommended initiatives, challenges and details on regional investments.

The previous strategic plan has supported efforts by the SDUA to make advances in the area of planning and implementing regional technology solutions. Some key examples are the San Diego/Imperial County Regional Communications System (RCS), the Automated Regional Justice Information System (ARJIS), San Diego Regional Public Safety Geodatabase, Regional Computer Aided Dispatch (CAD) Interoperability, Regional Mass Notification System, Situational Awareness Mapping tools and SanMAPS to name a few. Many more key examples are described at length in the plan.

The success of technology initiatives, shared systems and collaborative agreements has been possible due to the cooperative efforts of the organizations and agencies within the SDUA. These agencies are responsible for Public Safety personnel and resources and a commitment to the betterment of the region both inside and outside the SDUA. Each agency has made a strong commitment to share resources and approach solutions from a regional perspective whenever possible.

The members of the RTP have reviewed and approved the final version of the plan.

San Diego Urban Area
Regional Technology Strategic Plan

A Framework for Regional
Technology Coordination

Vision

" Effective approach to everyday prevention, protection, mitigation, response and recovery through regional interoperable technology solutions"

Purpose

- Identify opportunities to collaborate and coordinate technology projects across jurisdictions and disciplines
- Inform stakeholders on projects to focus efforts and funding

Background

- Guiding document for next 24-36 months
- Initiatives not prioritized in any particular order
- Variety of funding sources can support the goals and initiatives – *not just UASI*
- Nexus to Security Strategy
- Focus on completion of existing initiatives
- Updated through interviews with key stakeholders and workshop
- Briefing to Police/Sheriff Management and Fire Chiefs
- Reviewed and approved by RTP

VISION

Effective approach to everyday prevention, protection, mitigation, response and recovery through regional interoperable technology solutions.

Goal 1 Interoperable Voice Communications

INITIATIVES

1.1 Migration of radio systems to Project 25 standards.

1.2 VHF radio infrastructure.

1.3. Cloud hosted video/web conference solution.

1.4 – Regional Tactical Interoperability Communications Plan.

Goal 2 Interoperable Data Solutions

INITIATIVES

2.1 – Regional CAD Interoperability

2.2 – Mobile Data Devices

2.3 – ARJIS Dashboard.

2.4 - ARJIS Data Enhancements.

2.5 – Prehospital EMS Information System.

2.6 – Cyber Security.

2.7 – Risk Analysis Center

2.8 - Mobile Device and Data Security.

2.9 – Wireless Data Services

2.10 – Resource and People Location Services

2.11 – Palantir Application

Goal 3 Interoperable Geospatial Solutions

INITIATIVES

3.1 – Digital Target Hazard Plans.

3.2 – Data Synchronization between SanGIS and Regional Public Safety Geodatabase.

3.3 – Situational Awareness Mapping.

3.4 – SanMAPS.

3.5 - ARJIS GIS Services.

3.6 – Next Generation 911 GIS System Requirements.

3.7 InSIDer Plans

Goal 4 Governance

INITIATIVES

4.1 – GIS Program Sustainment.

4.2 – RCIP Program Sustainment.

4.3 – RTP Project Management Services.

4.4 – New Technology Policies and Procedures.

Voice Interoperability

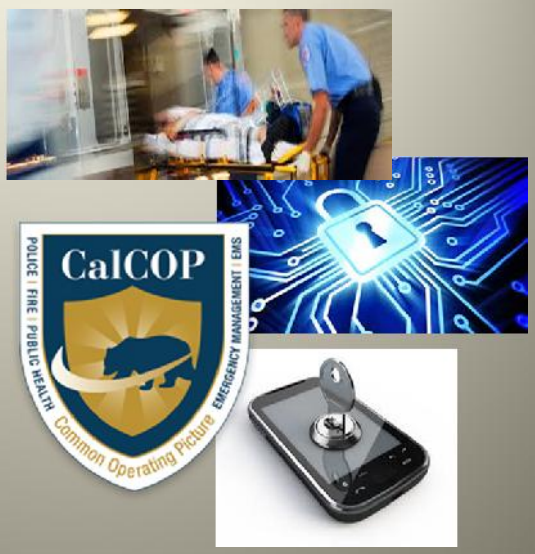
- Migration to P25
- VHF Radio Infrastructure
- Video/Web Conferencing
- Update TIC-P

Data Interoperability

- Regional CAD Interoperability
- Mobile Data Devices
- ARJIS Dashboard
- ARJIS Data Enhancements

Data Interoperability

- Prehospital EMS Information System
- Cyber Security
- Risk Assessment Center
- Mobile Data Device Security

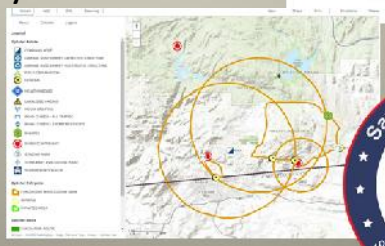


Data Interoperability

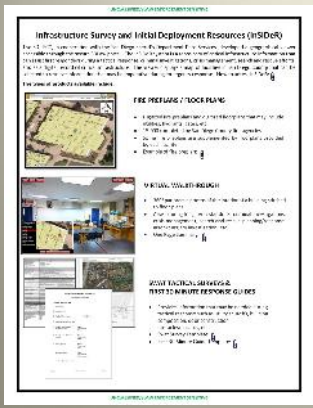
- Resource/People Location
- Wireless Data Services
- Palantir Application

Geospatial Interoperability

- Target Hazard Plans
- Database Sync between SanGIS and Public Safety database
- Situational Awareness Mapping
- SanMAPS



Geospatial Interoperability



- ARJIS GIS Services
- Next Generation 911 – GIS
- InSIDeR

Governance

- GIS Program Sustainment
- RCIP Program Sustainment
- Regional Technology Partnership Support
- New Technology Policy and Procedures

Challenges

- Unknown future for grant funding
- Some projects have not yet identified sustainment funding
- Implementation – moving to full operational status requires resource commitment, policy, training and exercise
- Constantly evolving technology
- Willingness of stakeholders to take lead on regional efforts

Recommendation

That the Unified Disaster Council approve and adopt the Regional Technology Strategic Plan as presented by the Regional Technology Partnership