AGENDA HIGHLIGHTS

- **SAN DIEGO REGION GRAFFITI TRACKER PROJECT**

- **UTILIZING NOVEL ALERT SYSTEMS TO ADDRESS THE NEEDS OF HIGH COST AND HIGH NEEDS PATIENTS**

- **REGIONAL TECHNOLOGY PARTNERSHIP**

PLEASE TURN OFF CELL PHONES DURING THE MEETING

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PUBLIC SAFETY COMMITTEE
Friday, March 15, 2013

ITEM #  RECOMMENDATION
1. ROLL CALL

+2. APPROVAL OF THE JANUARY 18, 2013, MEETING MINUTES APPROVE

3. PUBLIC COMMENTS/COMMUNICATIONS/MEMBER COMMENTS

Members of the public shall have the opportunity to address the Public Safety Committee on any issue within the jurisdiction of the Committee that is not on this agenda. Anyone desiring to speak shall reserve time by completing a “Request to Speak” form and giving it to the Clerk prior to speaking. Public speakers should notify the Clerk if they have a handout for distribution to Committee members. Public speakers are limited to three minutes or less per person. Committee members also may provide information and announcements under this agenda item.

REPORTS (4 through 8)

4. REPORT FROM CHIEFS'/SHERIFF'S MANAGEMENT COMMITTEE
(Chief John Bolduc, Chiefs'/Sheriff’s Management Committee) INFORMATION

Chief John Bolduc will report on the March 6, 2013, meeting of the Chiefs'/Sheriff’s Management Committee.

5. REPORT FROM THE SAN DIEGO COUNTY FIRE CHIEFS’ ASSOCIATION
(Chief Dave Hanneman, San Diego County Fire Chiefs’ Association) INFORMATION


6. SAN DIEGO REGION GRAFFITI TRACKER PROJECT: IMPLEMENTATION RECOMMENDATION (Pam Scanlon) DISCUSSION

With the upcoming expiration of the San Diego County Multi-Discipline Graffiti Abatement Program (Graffiti Tracker Program) pilot project, staff will present a proposal for implementation of Graffiti Tracker as an ongoing program for discussion.

7. UTILIZING NOVEL ALERT SYSTEMS TO ADDRESS THE NEEDS OF HIGH COST AND HIGH NEED PATIENTS
(Dr. James Dunford, Director, City of San Diego Medical Services) INFORMATION

The City of San Diego’s Emergency Medical Services (EMS) Program provides oversight and administration of the City's contracts for EMS and medical transportation services, and is responsible for ensuring high quality emergency medical services to the residents of San Diego through clinical oversight, quality assurance and improvement, monitoring of First Responder Medic Units and transport provider’s response times, and the financial and operational oversight of the entire EMS system. An overview of new efforts being explored to utilize alert systems to better address the needs of high cost and high needs patients will be provided.
8. **REGIONAL TECHNOLOGY PARTNERSHIP**
   (Mike Scott, San Diego Regional Technology Partnership)

   Over the past year, the Regional Technology Partnership has continued to meet and support activities that further Homeland Security Strategy goals and objectives for the San Diego region. An update on these activities and accomplishments, including an overview of the policy roles of the Public Safety Committee and the Unified Disaster Council will be provided. Information will also be presented on the FY 2013 Urban Area Security Initiative investment proposal process.

9. **UPCOMING MEETINGS**

   The next meeting of the Public Safety Committee is scheduled for Friday, April 19, 2013.

10. **ADJOURNMENT**

    + next to an agenda item indicates an attachment
San Diego Association of Governments

PUBLIC SAFETY COMMITTEE

March 15, 2013

AGENDA ITEM NO.: 2

Action Requested: APPROVE

PUBLIC SAFETY COMMITTEE DISCUSSION AND ACTIONS
Meeting of January 18, 2013

1. ROLL CALL

Chair Mark Lewis (East County) called the Public Safety Committee meeting to order at 1:00 p.m. Roll call was taken and a quorum was present. See the attached attendance sheet for Public Safety Committee member attendance.

2. APPROVAL OF MINUTES (APPROVE)

Action: Upon a motion by Councilmember Marti Emerald (City of San Diego) and a second by Sheriff William D. Gore (San Diego County Sheriff’s Office), the minutes of the December 14, 2012, Public Safety Committee were approved. Vice Mayor Rebecca Jones (North County Inland) abstained from voting.

3. PUBLIC COMMENTS/COMMUNICATIONS/MEMBER COMMENTS

Director of Operations, Navy Region Southwest (NRSW) Joseph Stuyvesant (Department of Defense) announced the Navy will be doing their annual anti-terrorism exercise starting the week of February 24. Any agencies interested in participating or observing can contact him.

REPORTS

4. REPORT FROM CHIEFS'/SHERIFF’S MANAGEMENT COMMITTEE (INFORMATION)

Chief John Bolduc (County Chiefs'/Sheriff’s Association) reported on the January 9, 2013, Chiefs'/Sheriff’s Management Committee. The next Chiefs'/Sheriff’s Management Committee meeting is on February 6, 2013.

Action: This item was presented for information.

5. REPORT FROM THE SAN DIEGO COUNTY FIRE CHIEFS’ ASSOCIATION (INFORMATION)

Chief Dave Hanneman (Regional Fire Emergency Medical Services) reported on the January 3, 2013, meeting of the San Diego County Fire Chiefs’ Association.

Action: This item was presented for information.
6. 2012 SANDAG PUBLIC SAFETY ACCOMPLISHMENTS (INFORMATION)

Dr. Cynthia Burke (Criminal Justice Research Division) and Executive Director Pamela Scanlon (ARJIS) gave a PowerPoint presentation with an overview of their divisions’ significant accomplishments from calendar year 2012, as well as preview the upcoming goals and activities aimed at informing and assisting public safety partners in the region in 2013.

Action: This item was presented for information.

7. FACIAL RECOGNITION IN THE FIELD (INFORMATION)

With funding from the National Institute of Justice, ARJIS recently implemented a facial recognition application, the Tactical Identification System (TACIDS). TACIDS is distributed to officer and investigators in the field via secure ARJIS tablets and provides assistance with real-time positive identification.

Mr. Lloyd Muenzer (ARJIS) and Deputy Darrin Peralta (San Diego County Sheriff’s Department) gave a PowerPoint presentation and project status update including a demonstration of the application.

Action: This item was presented for information.

8. APPREHENDING WANTED SUSPECTS IN SAN DIEGO COUNTY: COORDINATED EFFORTS TO BRING FUGITIVES TO JUSTICE (INFORMATION)

At any given time, federal, state, and local law enforcement are working together to locate individuals with active warrants who have been directed to appear before a judge in court.

Lieutenant Andrea Arreola (San Diego County Sheriff’s Department) gave a PowerPoint presentation with an overview of the processes and procedures for serving warrants, as well as statistics regarding the number of open warrants and how local partners work together on a daily basis to ensure wanted individuals are brought to justice.

Action: This item was presented for information.

9. UPCOMING MEETINGS (INFORMATION)

The next meeting of the Public Safety Committee is scheduled for Friday, February 15, 2013.

10. ADJOURNMENT

Chair Lewis adjourned the Public Safety Committee meeting at 2:18 p.m.

Attachment: Attendance Sheet
## PUBLIC SAFETY COMMITTEE
### CONFIRMED ATTENDANCE - January 18, 2013

<table>
<thead>
<tr>
<th>JURISDICTION</th>
<th>NAME</th>
<th>MEMBER/ALTERNATE</th>
<th>ATTEND YES/NO</th>
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<td>Hon. Mark Lewis-Chair</td>
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<td>Hon. Bill Wells</td>
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<tr>
<td>North County Coastal</td>
<td>Hon. Jack Feller</td>
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<td>South County</td>
<td>Hon. Alejandra Sotelo-Solis</td>
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<td>Hon. Robert Patton</td>
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<td>Hon. Rebecca Jones</td>
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<td>City of San Diego</td>
<td>Hon. Marti Emerald</td>
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<td>Supervisor Bill Horn</td>
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<td>Chairman Greg Cox</td>
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<td>State Public Safety</td>
<td>Chief Jim Abele</td>
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<td></td>
<td>Assistant Chief Esmeralda Falat</td>
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<td>Association</td>
<td>Chief John L. Browning</td>
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<td>Chief Adolfo Gonzales</td>
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<td></td>
<td>Chief David Bejarano</td>
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<td>San Diego Police Department</td>
<td>Chief William M. Lansdowne</td>
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<td></td>
<td>Ex. Assistant Chief David Ramirez</td>
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<td>Sheriff William D. Gore</td>
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<td>Holly Crawford</td>
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<td>Medical Services</td>
<td>Chief Tony Michel</td>
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<td>San Diego County District</td>
<td>Bonnie Dumanis</td>
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<td>Paula Robinson</td>
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<td>Tom Zoll</td>
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<td></td>
<td>Bill Burke</td>
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### ADVISORY MEMBERS

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<td>County Public Safety</td>
<td>Mack Jenkins</td>
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<td>Yvette Klepin</td>
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<td>Department of Defense</td>
<td>Joseph Stuyvesant</td>
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<td>B.G. Vincent A. Coglianese</td>
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<td>Federal Public Safety</td>
<td>Deputy Field Office Director John A. Garzon</td>
<td>Member</td>
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<td>Joel Mata, Jr.</td>
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<td>US Attorney Laura E. Duffy</td>
<td>1st Alternate</td>
<td>NO</td>
<td>Cindy Cipriani</td>
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<td>FSD/SD Acting BC Bell</td>
<td>2nd Alternate</td>
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<td>US Marshal Steven C. Stafford</td>
<td>Member</td>
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<td>SAC Daphne Hearn</td>
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<td>Acting SAC Bill Sherman</td>
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<td>Gary Hill</td>
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<td>Southern CA Tribal Chairmen’s</td>
<td>Stephanie Spencer</td>
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<td>Association (SCTCA)</td>
<td>Lela Arviso</td>
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SAN DIEGO REGION GRAFFITI TRACKER PROJECT: File Number 2345800
IMPLEMENTATION RECOMMENDATION

Introduction

The San Diego County Multi-Discipline Graffiti Abatement Program pilot project is scheduled to end June 30, 2013. On March 6, 2013, options for transitioning the pilot program to ongoing, region-wide implementation were presented to the Chiefs’/Sheriff’s Management Committee for discussion. The approach the Management Committee and staff are recommending is explained in this report.

Discussion

In January 2011, a regional pilot project, the San Diego County Multi-Discipline Graffiti Abatement Program (Graffiti Tracker Program), was launched with the goal of utilizing new technology to better identify and document graffiti, thus assisting with convicting the most prolific offenders through a coordinated regional effort. To ensure the findings from this pilot project were documented so the region’s policy makers had a clear understanding of the usefulness of the graffiti tracking system, SANDAG provided resources to conduct a process and outcome evaluation of the pilot project.

Graffiti Tracker is a Web-based intelligence sharing and analysis service that allows photographs and locations of graffiti incidents to be submitted into a national database. Intelligence reports can then be generated that include information and statistics regarding the name or group monikers, location and size of incidents, trends or paths of damage, migration of vandals, and arrest information. Prior to January 2011, Graffiti Tracker was utilized by three law enforcement agencies in San Diego County: the Escondido Police Department, Oceanside Police Department, and the San Diego County Sheriff’s Department. The seven other municipal law enforcement agencies, as well as the Port of San Diego and local transit agencies (Metropolitan Transit System and North County Transit District) did not have a formal tracking system in place.

As part of the pilot project, the Sheriff’s contract was amended to include these additional jurisdictions coming on-line and the total cost for the initial 18-month effort for all of the regional partners was $346,800 ($166,800 for the ten new agencies and $180,000 for the three original ones). (This was not including the initial cost of cameras which took place before 2011 for some jurisdictions and was supported with private donations for cameras purchased in 2011).
In SANDAG’s evaluation report, dated June 2012, several highlights were outlined, most notably that although there were fewer graffiti cases prosecuted in 2011 as compared to 2010, the court-ordered restitution for these cases increased dramatically from $170,626 in 2010 to $783,412 in 2011, demonstrating the benefits of cross-jurisdictional sharing of graffiti data and how that sharing enables law enforcement to build stronger cases for prosecution. Additionally, the report identified that the vast majority of the users reported satisfaction with the system and recommended its continued use.

The report also recommended (if the pilot continued) that regional management and coordination among the participating partners would be essential to ensure the full use of the Graffiti Tracker system. This oversight, coupled with ongoing training to the agencies already using Graffiti Tracker, as well as outreach to other agencies where graffiti has been a problem such as the schools and universities, could lead to a higher number of agencies participating, resulting in more cases being submitted, and subsequently solved. The pilot was extended for an additional year and is scheduled to end June 30, 2013.

**Implementation Proposal**

To implement Graffiti Tracker as an ongoing program, it is proposed that the San Diego County Sheriff’s Department continue to administer the contract for the Graffiti Tracker Program. The County Sheriff is in the process of negotiating a no-cost conversion of the existing contract to an Enterprise license that would allow the addition of new agencies, as well as provide query access to any of the 82 ARJIS member agencies.

It is further proposed that SANDAG provide the ongoing management, training, and outreach for the program, estimated to require one-half of a full-time ARJIS Project Manager. No additional staff would be required, and the SANDAG staff cost would be covered by the Graffiti Tracker Program. Staff plans to include this proposal in the Draft Public Safety Work Program and Budget being brought to Public Safety Committee for recommendation to the Board of Directors in April, incorporating any feedback received from the Public Safety Committee at its March 15, 2013, meeting.

KURT KRONINGER
Director of Technical Services

Key Staff Contact: Pam Scanlon, (619) 699-6971, pscanlon@arjis.org
Novel Alert Systems to Address the Needs of High Cost - High Needs Patients

Jim Dunford, MD
City of San Diego EMS Medical Director
Professor Emeritus (Emergency Medicine)
UCSD School of Medicine

City of San Diego EMS resources

60 fire engines/trucks
Crew:
3 firefighter-EMTs
1 firefighter-paramedic

28 ambulances
Crew:
1 paramedic
1 EMT
http://centerforhealthreporting.org/project/health-care-911
>1 million electronic health records
(NEMSIS 3.x; HL7 compliant)

EMS transport codes CY 2012
n = 104,000

40 (minor/chronic) 21%
30 (monitored) 15%
20 (medicated) 14%
50 (= cab) 19%
\10 (critical) 8%
nontransport 23%
Frequent EMS Users (4/27/11 - 10/27/11)

City of San Diego

n = 37,820

Other
< 3 transports
24,762 transports
(82.7%)

Frequent User
≥3 transports
1,130 people
6,529 transports
(17.2%)

High User
4-9 transports
1,000 people
4,480 transports
(11.8%)

Mega User
≥10 transports
130 people
2,049 transports
(5.4%)

Resource Access Program (RAP)

Rural/Metro paramedic
Effect of RAP on EMS resources
(51 clients)

Miles

Pre-RAP: 4081
Post-RAP: 2141
\( \Delta = -1940 \text{ miles} \)

Hours

Pre-RAP: 659
Post-RAP: 397
\( \Delta = -262 \text{ hours} \)

Tadros AS, Castillo EM, Chan TC, Patel E, Watts K, Jensen AM, Dunford JV. Effects of an emergency medical services-based resource access program on frequent users of health services. Prehosp Emerg Care 2012;91(4):541-547

Effect of RAP on healthcare charges
(51 clients)

$1,790,459
\( \Delta = -314,405 \)

$1,476,054

Pre-RAP
Post-RAP

Tadros AS, Castillo EM, Chan TC, Patel E, Watts K, Jensen AM, Dunford JV. Effects of an emergency medical services-based resource access program on frequent users of health services. Prehosp Emerg Care 2012;91(4):541-547
FCC CAD surveillance First Watch®

EMS monitoring/alerting

Alert case manager!

Care Plans
P25 clients
SIP clients
RAP clients
Alert to RAP Case Manager

Real-time case management
**Hottest spots**

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<th>Include Records on Watchlist</th>
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Agency - InfoTech Systems, Inc. and San Diego Fire Communications CAD

**Hottest patients**

**Case Management Dashboard**

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Agency - InfoTech Systems, Inc. and San Diego Fire Communications CAD
Hottest homeless

Frequent Homeless Users

Agency - InfoTech Systems, Inc. and San Diego Fire Communications CAD

Hottest behavioral health

Frequent Behavioral/Psychiatric Users

Agency - InfoTech Systems, Inc. and San Diego Fire Communications CAD
Hottest in-home difficulties

Next: EMS to 211 referral

- Food
- Childcare
- Utility
- Finance
- Healthcare navigation
- Housing/shelter
- Early education
- Mental health
### Project 25: savings 1st year

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<td>AMBULANCE</td>
<td>70</td>
<td>58.25</td>
<td>0.86</td>
<td>$102,871.71</td>
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<tr>
<td>ENGINE</td>
<td>57</td>
<td>15.15</td>
<td>0.26</td>
<td>$29,237.35</td>
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<tr>
<td>TRUCK</td>
<td>4</td>
<td>0.52</td>
<td>0.13</td>
<td>$24,67</td>
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<tr>
<td>Totals</td>
<td>131</td>
<td>75.32</td>
<td>0.54</td>
<td>$108,692.17</td>
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</table>

<table>
<thead>
<tr>
<th>Time Spent (Hours)</th>
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<tbody>
<tr>
<td>AMBULANCE</td>
</tr>
<tr>
<td>ENGINE</td>
</tr>
<tr>
<td>TRUCK</td>
</tr>
<tr>
<td>Totals</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>12 mo. Baseline Charge/Cost</th>
<th>12 mo. Services/Housing</th>
<th>12 mo. Emerg. Services</th>
<th>12 mo. Savings</th>
</tr>
</thead>
<tbody>
<tr>
<td>$12,021,941</td>
<td>$795,990</td>
<td>$6,113,685</td>
<td>$5,112,266</td>
</tr>
<tr>
<td>$4,195,188</td>
<td>$795,990</td>
<td>$1,888,381</td>
<td>$1,510,817</td>
</tr>
</tbody>
</table>

Savings: $1.5M - $5M
Hottest engine districts

San Diego hot spot
Community Information Exchange (CIE)  
$1M AHF Innovation Grant 2011

CIE Partners
- Center for Pop. Systems CALTI2
- County of San Diego HHSA
- Council of Community Clinics
- Hospital Association (HASDIC)
- Regional Continuum of Care Council
- San Diego Medical Society
- San Diego Organizing Project
- San Diego Police Department
- SDSU Inst. Public Health
- Veterans Administration

Steering Committee
- 2-1-1 San Diego
- Beacon HIE
- Father Joe’s Villages
- Regional Task Force on Homeless
- Rural/Metro Ambulance
- San Diego Fire-Rescue

Steering Committee
- Fiscal Agent
- CIE Partners
- Project Manager
- Legal
- Tech
- Eval
- Devel
CIE case example of novel data exchange

211 SD

City: eRAP
HOT

Regional Task Force on the Homeless

Sudden cardiac arrests: City of San Diego
2003-2009
(n = 2301)

Serra J, Dunford J, Sasson C. (unpublished)
Goal: regional interoperability

Vision of regional healthcare governance

HIE
- Hospitals
- Clinics
- Medical groups
- Physicians

CIE
- 211 SD
- Social services
- Housing
- Schools
- Data!!

HHS

Social enterprise model
- Subscription-based
- Fee-for-service contracts
- Data for analysis and reporting

Next Gen EMS

- Next Gen 911
  - Text
  - Images
  - Streaming video
  - Telemedicine
  - Remote expert consultation
- Mobile Integrated Health
  - Community paramedics
Regional Technology Partnership

Topics

- History of collaboration – pre 9/11
- Post 9/11 – Homeland Security Grants
- Framework for Coordination
- Planning and Implementation Cycle
- Examples of Regional Technology Projects
### History of regional collaboration

<table>
<thead>
<tr>
<th>Public Safety Committee</th>
<th>Unified Disaster Council</th>
</tr>
</thead>
<tbody>
<tr>
<td>- Develop regional policy</td>
<td>- Regional Emergency Preparedness</td>
</tr>
<tr>
<td>- Crime analysis and prevention</td>
<td>- Multi-jurisdictional Emergencies</td>
</tr>
<tr>
<td>- Information sharing</td>
<td>- Assist with mitigation, response recovery</td>
</tr>
</tbody>
</table>

#### Post September 11, 2001
- San Diego region began receiving Homeland Security Grant funding
- Region needed a framework for making recommendations on investment priorities
- UDC and PSC – supported the concept of the Regional Technology Partnership
Regional Technology Partnership

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

Regional Technology Partnership members:

- City of San Diego Police Department
- City of San Diego Fire Rescue
- San Diego Sheriff
- City of San Diego Office of Homeland Security
- County of San Diego Office of Emergency Services
- San Diego County Fire Chiefs Association
- Police and Sheriffs Association
- Fire District Fire Chiefs Association
Regional Projects and Programs

- Regional Public Safety Geodatabase
- Regional CAD Interoperability
- License Plate Reader Database
- Mobile Data Devices
- Live video sharing
- Project 25 Radio System migration
- Command, Control, Communications (3C’s)
- Emergency Notification
License Plate Reader

- Fixed and Mobile Cameras
- Regional server combines camera data from multiple systems into one database
- Allows access for all ARJIS members to regional data

Mobile data devices

- Pilot with Terrorism Liaison Officers
- 250 Tablets and 50 Smartphones
- Provides mobile access in the field to applications
  - State, Regional Federal Enterprise Retrieval
  - Global Query
  - Coplink
  - Officer notification
  - License plate reader data
  - Cal-Gang
  - TACIDS
Live Video sharing

• Agreement to share live video between agencies (MOU)
• Real time tactical information to enhance law enforcement deployment
• Identify the best technology for sharing with emergency responders

P25 Radio system

• Combination of infrastructure, mobile radios and portable radios
• City of San Diego System migration
• Regional Communications System migration
• Core switches purchased with UASI funds.
• Collaboration between systems
Command, Control, Communications (3C’s)

- Secure public safety microwave data network
- Videoconference
- Helicopter downlink
- Connects-
  - Communications Centers
  - Emergency Operations Centers
  - Department Operations Centers

Emergency Notification

- Alert San Diego
- Accessible San Diego
- Mobile Applications

<table>
<thead>
<tr>
<th>San Diego County Emergency</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ReadySanDiego</strong></td>
</tr>
<tr>
<td>Plan, Prepare</td>
</tr>
<tr>
<td><strong>Emergency</strong></td>
</tr>
<tr>
<td>News, Maps, Shelters</td>
</tr>
</tbody>
</table>

- Highway 76 Roadways
  Thu Aug 16, 2012 12:56 PM
- Wilson, Stewart Fire Road Closures
  Wed Aug 15, 2012 6:18 PM
- Vallejo Complex: Large Animal Evacuations, Fire Update
  Wed Aug 15, 2012 10:35 AM
Funding sources:

- Urban Area Security Initiative
- State Homeland Security Grant
- Community Oriented Policing
- Assistance to Firefighters Grant
- Border Infrastructure
- Non-profit Foundation
- Local Indian Gaming Benefit
- General Fund

Questions....