ARJIS Accomplishments 2012

January 18, 2013

2012 A Successful Year!

• Deployed new technologies and tools
  – Facial recognition - TACIDS
  – eAlert – ‘Be on the look-out’ BOLOS
  – New data sources

• SDDPC transition
  – Executed network contract with Xerox
  – Executed contract with Nlets for Data Center Hosting - move in February
  – Transitioned 7 core ARJIS programmers to SANDAG employees

• Awarded UASI grant funding

• MTS new ARJIS member
ARJIS Data

- Approx. 7 million incident records
- Data back to 2008
- Many records fed from near real-time interfaces (NetRMS, CRMS, Courts)
- 32+ million LPR records
- 1.4M photos

New Tools and System Enhancements
eAlerts & BOLO Library

• 1,200 subscribed to 14 different groups of interest (211, Property Crime, etc.)
• Greatly enhances regional communication, time savings and case closures
  – CDCR reported 448 case closures due to the ARJIS BOLO project since system implementation
• BOLO library archives ALL bulletins
  – No logon required
  – Searchable via key word

BOLOS Facilitate Interstate/Agency Cooperation

• June 28th, 2012: Suspect was FI’ed by the California Parole Apprehension Team in Oceanside, CA. He had a non-extraditable warrant from OR for child molestation
• Later investigation revealed he had a pending application to be a Foster Care Provider which resulted in the OR upgrading the warrant to extraditable
• July 3rd: ‘BOLO email alert sent from the CDCR to ARJIS southwestern region distribution list
• July 4th: Oceanside Detective reads the BOLO and while stopped at red light, recognizes the suspect crossing the street. He questioned and arrested the suspect on the warrant
ONASAS Records

- 66,627 ONASAS records in database
- New ONASAS record type created for Probation High Risk
- Entered by 33 different agencies

“I have a million success stories! Just last week I got an ONASAS alert that an officer investigating a 417 incident ran one of my gang members in ARJIS. That same day my partner and I contacted the suspect and assisted in the investigation. None of this would’ve happened without the ONASAS alert system.”

- Escondido Police Department

“We RARELY get reports voluntarily from other agencies referencing our gang members. Now that I get alerts when my gang member is put in jail I can get a copy of the report, and sometimes even enhance the charges based on the case.”

- Escondido Police Department

ONASAS Alerts

Alerts triggered by application 'watcher'

<table>
<thead>
<tr>
<th>Application</th>
<th># of Sent Alerts</th>
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<tbody>
<tr>
<td>Cal-Photo</td>
<td>9,249</td>
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<tr>
<td>SRFERS</td>
<td>4,025</td>
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<tr>
<td>ONS</td>
<td>2,898</td>
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<tr>
<td>LPR</td>
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<tr>
<td>SDPD CAD</td>
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<tr>
<td>Global Query</td>
<td>978</td>
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<tr>
<td>TOTAL</td>
<td>21,938</td>
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</table>

*ECPD CAD in Progress
eReporting

- Hundreds of custom reports created by agencies
- Popular reports are shared across agencies
- 50 users took advanced training
- Automated UCR reports to DOJ
- Public Crime Stats now included
- ‘unknown beats’; matches UCR

Positive User Feedback!

“eReporting has taken the analytical capabilities of San Diego L/E to another level. It allows analysts from neighboring agencies to learn from each other – sharing data, solving problems together through a common interface. There is such a huge volume of crime data flowing into ARJIS now, eReporting finally gives us a tool for making sense of it all.”

- Steve Walters, Oceanside Police Department

“eReporting was a crucial element in identifying the Well Dressed Bandit Bank Robber. The ability to identify suspects common to multiple areas close to the crime scene allowed the analyst to focus their efforts and consequently identify the bank robber.”

- Karen Goodman, San Diego Police Department
New SRFERS Data Sources

• ICE Data
  – 38 million subject records
  – 20 million booking photos
  – ICE criminal subjects and deported felons
  – ICE and CBP immigration violators

• Parole LEADS Data
  – Photo images
  – Parole status/conditions
  – Parole Officer contact information
  – Offenses
  – Vehicles and addresses

SRFERS Logins - 2012

• 3,030 users from 49 agencies queried SRFERS

<table>
<thead>
<tr>
<th>Agency Name</th>
<th>SRFERS Logs</th>
<th>Active</th>
<th>Total</th>
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<td>1401</td>
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<td>US Marshal</td>
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<td>TDI</td>
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<tr>
<td>US Navy</td>
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<tr>
<td>SD Probation</td>
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SRFERS ICE Data Success

“While conducting Welfare Fraud Investigation I found a man hiding in the closet. I was told the male was the subject’s boyfriend “Luis”. “Luis” played along & gave a fictitious name. When I returned to the office, I searched SRFERS and found a 1999 ICE detention photo of the subject’s husband and positively identified that “Luis” was indeed my subject’s husband who lives with her. The HHSA will re-evaluate the case and re-determine eligibility to Public Assistance and save valuable tax dollars.”

- San Diego County District Attorney
ARJIS Regional LPR System

- Connects 13 separate efforts – Accessible by all 82 ARJIS members
- More than 65 mobile and fixed cameras. SDPD adding 20 mobiles
- Using ONASAS, alerts are sent when vehicle of interest located
- Border LPR available through SRFRS
- 32+ million records (2M new each month)
- Fixed camera records retained for 12 months; mobile for 2 years

LPR Analysis

- ARJIS collaborated with San Diego Fusion Center (LECC) on analysis of 1700 seized vehicles over 30 day period
- Findings
  - LPR Query
    - 1214 LPR reads with 301 unique license plates
  - ARJIS Incident Query
    - 513 matched records included field interviews, arrests, traffic accidents, crime cases, citations, pawns, and officer notifications
    - Led to identification of narcotics ring
- ARJIS LPR data is integrated with other related information, not viewed separately as most LPR systems
LPR Success

A casino observed customer laundering money through slots and notified LE. The subject left in a car with a covered plate. Using approx. travel time, investigator reviewed LPR reads from a fixed camera near the casino. A vehicle was identified (with plate displayed) and other LPR records found. The investigator obtained photo of registered owner and matched to security footage. Subject believed to be involved in bank robbery series.

Investigator: SRFERS and LPR are essential to our investigations. Just yesterday, I checked a vehicle believed to be used by a target subject. Although not registered to him, LPR placed the vehicle at his residence on multiple occasions. This assisted in the surveillance efforts and ultimately helped identify the suspect and the vehicle he used.

COPLINK NODE CONNECTIVITY

New nodes/agencies added: LA Sheriff, San Jose/Santa Cruz region, Sacramento region, Bakersfield/Kern Counties & San Bernardino region
Dashboard

- Regional real-time visual representation of policing
- Significant tool for resource allocation – intelligence led policing
- Emerging crime trends and patterns
- Data layers available from several sources
  - Probation/gangs/sex offenders
  - Crimes and arrests
  - CAD incidents
  - FIs/suspicious activity

Public Crime Mapping

- Regional eWatch subscription mapping application
  - Highest number of subscriptions nation wide
  - Satellite view or road map
  - Graphs and reports
  - Links to crime prevention services at local police agencies
ARJIS eMobile

- FBI CJIS Security Mandates for Mobile Devices Addressed
  - First in Nation
  - Cal DOJ approval has taken 7 months
- TLO (Terrorist Liaison Officer) device rollout
  - 250 Samsung Galaxy 7'' tablets
  - 50 Samsung Galaxy S2 phones
- Mobile ID (Test Phase)
  - TACIDS – ARJIS Mobile Facial Recognition
  - MobileID – Sheriff Blue Check Fingerprint ID
  - Testers are existing subset of TLOs, and ICE agents

New SRFERS Mobile

- Available via ARJIS Mobile VPN on tablets and phones
  - On Cal-DOJ approval will activate CLETS component
Geo-Time Stamped Queries

• Geo-Query provide investigative leads by geo-time stamping queries made in the field
• Queries are searchable via SRFERS

2013 Initiatives/Projects
**Infrastructure**

- Data Center Move
- Disaster Recovery
- Enhance Network - Utilize 3Cs Microwave
- Deploy New Portals

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**MAPPING/GIS**

- Deploy Dashboard
  - Add CAD incidents
  - Critical Infrastructure
  - Floor Plans
  - Thresholds
- LPR analytics
- Update School/park layers
eMobile

- TACIDS – Facial Recognition
  - Deploy FI/SAR Capture
  - Add other agencies FIs – CHP, ICE, Marshal

- Develop TARGET
  - Deploy location based alerts
  - Geo-fence gang injunctions
  - sex offender restricted areas

Expand inter-state sharing

- Develop SWORN - Southwest Offender Real-time Notification
- Expand ARJIS ONS across SW Border
  - Probation and Parole Data
  - Alerts
  - Photos
- Expand SRFERS access with Arizona
  - Drivers license photos
  - LPR
- Interface with Las Vegas
Enterprise Data Analysis/Consolidation

- Regional eTAG (Targeting Action Group) Consolidated data views of Subjects, Vehicles, Locations, Relationships, etc.
- Entity Resolution/advanced analytics
  - Reduce data overload
- Simplify Data Validations
  - Offense and vehicle codes

A special thank you to this Committee for your continued oversight and support