

SANDAG

ARJIS Accomplishments 2012

January 18, 2013

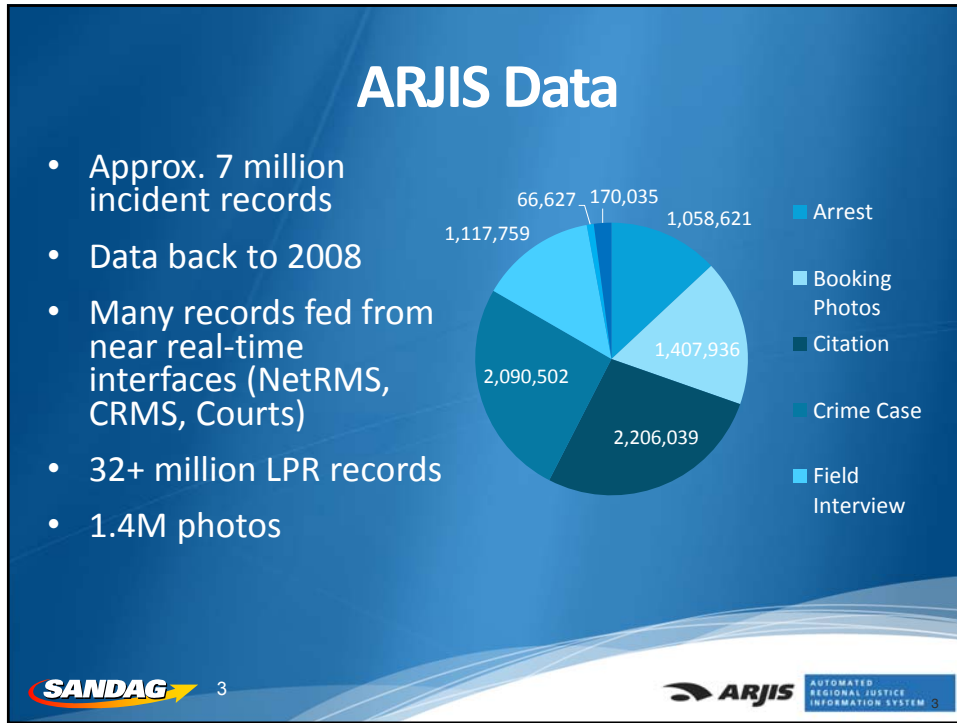
ARJIS AUTOMATED REGIONAL JUSTICE INFORMATION SYSTEM

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



SANDAG 2 **ARJIS** AUTOMATED REGIONAL JUSTICE INFORMATION SYSTEM



New Tools and System Enhancements

SANDAG 4 **ARJIS** AUTOMATED REGIONAL JUSTICE INFORMATION SYSTEM

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



5



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



6



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

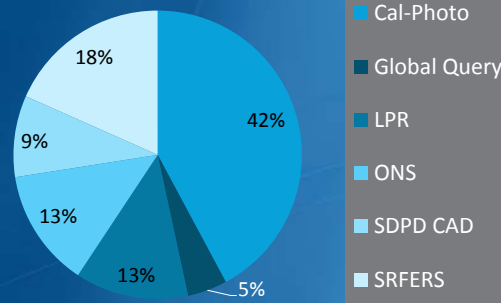
“We RARELY get reports voluntarily from other agencies referencing our gang members. Now that I get alerts when my gang member is put in jail I can get a copy of the report, and sometimes even enhance the charges based on the case.”

– Escondido Police Department



ONASAS Alerts

Alerts triggered by application 'watcher'



*ECPD CAD in Progress

Application	# of Sent Alerts
Cal-Photo	9,249
SRFERS	4,025
ONS	2,898
LPR	2,785
SDPD CAD	2,003
Global Query	978
TOTAL	21,938



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

Category	Sub-Category	Count	Percentage	Other Metrics
Aggravated Assault	Aggravated Assault	12	15%	...
Burglary	Burglary	8	10%	...
Domestic Violence	Domestic Violence	5	6%	...
Sexual Assault	Sexual Assault	3	4%	...
Stolen Vehicle	Stolen Vehicle	7	9%	...
Stolen Property	Stolen Property	4	5%	...
Unlawful Use of Firearm	Unlawful Use of Firearm	2	3%	...
Unlawful Possession of Firearm	Unlawful Possession of Firearm	1	1%	...
Unlawful Possession of Weapon	Unlawful Possession of Weapon	1	1%	...
Unlawful Possession of Dangerous Instrument	Unlawful Possession of Dangerous Instrument	1	1%	...
Unlawful Possession of Explosive	Unlawful Possession of Explosive	1	1%	...
Unlawful Possession of Dangerous Substance	Unlawful Possession of Dangerous Substance	1	1%	...
Unlawful Possession of Dangerous Device	Unlawful Possession of Dangerous Device	1	1%	...
Unlawful Possession of Dangerous Object	Unlawful Possession of Dangerous Object	1	1%	...
Unlawful Possession of Dangerous Material	Unlawful Possession of Dangerous Material	1	1%	...
Unlawful Possession of Dangerous Instrument	Unlawful Possession of Dangerous Instrument	1	1%	...
Unlawful Possession of Dangerous Device	Unlawful Possession of Dangerous Device	1	1%	...
Unlawful Possession of Dangerous Object	Unlawful Possession of Dangerous Object	1	1%	...
Unlawful Possession of Dangerous Material	Unlawful Possession of Dangerous Material	1	1%	...
Unlawful Possession of Dangerous Instrument	Unlawful Possession of Dangerous Instrument	1	1%	...
Unlawful Possession of Dangerous Device	Unlawful Possession of Dangerous Device	1	1%	...
Unlawful Possession of Dangerous Object	Unlawful Possession of Dangerous Object	1	1%	...
Unlawful Possession of Dangerous Material	Unlawful Possession of Dangerous Material	1	1%	...

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




11


SRFERS Logins - 2012



- 3,030 users from 49 agencies queried SRFERS

Agency Name	SRFERS Logins	Active Users
San Diego Police	12696	884
ICE	5674	143
US Marshal	5025	78
San Diego County Sheriff	4141	420
Carlsbad Police	3602	97
Chula Vista Police	3068	136
Oceanside Police	2811	101
SD District Attorney	2759	174
US Border Patrol	2178	211
DEA	1552	39
El Cajon Police	1416	188
Escondido Police	1230	87
National City Police	1183	63
La Mesa Police	901	53
Coronado Police	787	23
San Diego Harbor Police	700	41
US-Customs (Border Protection)	531	28
US DOJ	430	20
FBI	412	40
US Navy	355	4
SD City Attorney	295	15
SD Probation	198	27

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


12


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

Mobile



Fixed



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

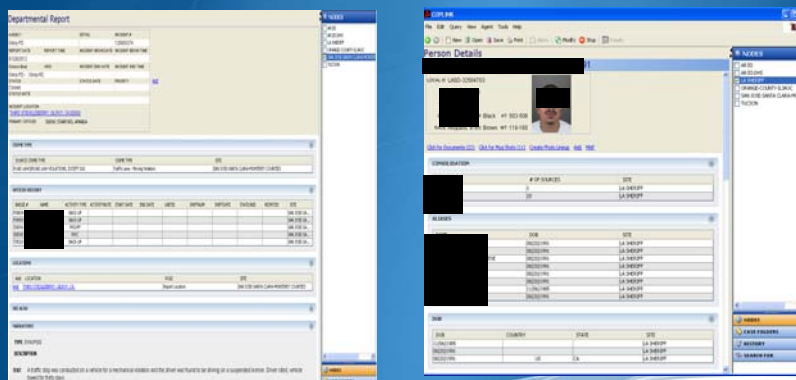
A casino observed customer laundering money through slots and notified LE. The subject left in a car with a covered plate. Using approx. travel time, investigator reviewed LPR reads from a fixed camera near the casino. A vehicle was identified (with plate displayed) and other LPR records found. The investigator 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.



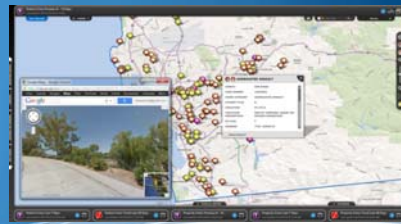
COPLINK NODE CONNECTIVITY

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

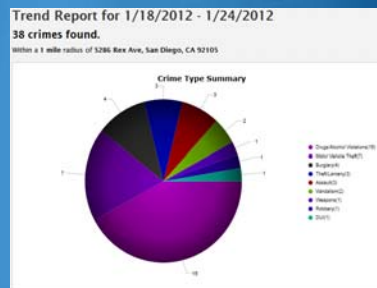
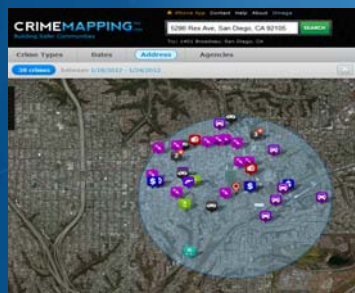


17



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



18



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



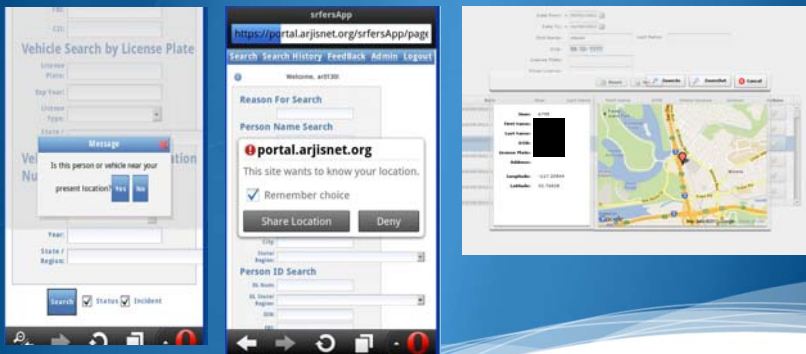
New SRFERS Mobile

- 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

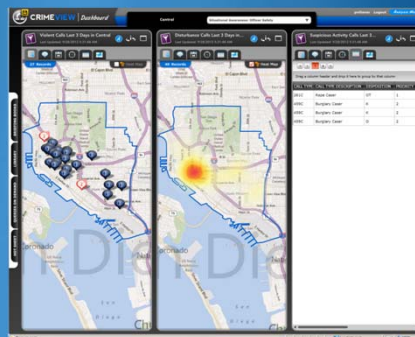
Infrastructure

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



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

