



San Jose Police
Department

Using Existing RMS and CAD Systems to Provide Cross-Jurisdictional Data Sharing

LEIM - May 2008



Introduction

- **Greg Whisenant**, Founder and CEO, CrimeReports.com
- **Laurence Ryan**, Lieutenant, San Jose PD
- **Steven DiNoto**, Chief Administrative Officer, San Jose PD



**San Jose
Police**



CrimeReports

Data Sharing Models – Which?

- N-DEx, NIEM, GJXDM, LEXS
 - Many years in the making, incremental progress
 - Primary benefits accrue to state and federal agencies
 - Driven by federal government, “top down” approach
 - Generally for law enforcement
- Local Initiatives
 - Specific to agency concerns
 - Driven by agency, “bottom up” approach
 - Generally for regional law enforcement and the public



Business Case

- Provide more data
- Provide better data
- Reach key constituents
 - Members of the public
 - City staff
 - Officers
- Proactive performance through better visibility
- Ongoing constraints in budgets and personnel resources



Key Requirements

- Must fulfill business case requirements
- Cost Considerations: Internal vs. Outsourced
 - Ongoing IT and budgetary constraints, “more with less”
 - If outsourced, how can agency protect itself and its data?
- Key features
 - Simple interface for the public
 - Flexible mapping and reporting
 - Alerting for the community
 - Out of the box functionality: data shared by policy, not custom reports



Alternatives

- Must fulfill major business case
- Option One: Custom built by internal GIS/technology teams
 - Expensive, long timeline, heavy workload
- Option Two: Hybrid Vendor / Internal Application
 - Expensive, long timeline, heavy workload, ongoing hard cost
- Option Three: Outsourced “Software as a Service”
 - Low cost, low maintenance, high availability



Why CrimeReports.com?

- Bottom Line: Supports Business Case
 - Low barrier to entry in hard costs (\$) and fully loaded (including personnel time) costs
 - CAD & RMS data are readily available
 - Provides more, better data that is easily accessible by the entire community
- Opportunity to partner with private sector
 - At the heart of community policing model of partnering and problem-solving



**San Jose
Police**



CrimeReports

The Solution

CrimeReports LOGIN | JOIN

Get Crime Alerts Home **Crime Reports** Analytics

Enter location: San Jose, CA [Get Report](#) Search Help

Examples: "695 Coleman Avenue, San Jose CA", "San Jose, CA", "95110"

Sort by: Crime | Date | Distance Period (days): 3 | 7 | 14 | 30 >> Calendar Crime Types Show Sex Offenders Print

View: Crimes | Currently viewing incidents from 04/04/2008 to 04/18/2008 | 61 of 1104 available crimes shown.

THEFT 17 Apr 2008
300 BLOCK ALMADEN BLVD
Distance: 1.31 miles
Identifier: P081081406
Time: 23:28:43
Final Disposition: CAN
Call Type: 484
Send to Friend

VEHICLE THEFT 17 Apr 2008
700 BLOCK STORY RD
Distance: 0.81 miles
Identifier: P081081005
Time: 18:10:15
Final Disposition: R
Call Type: 10851
Send to Friend

ASSAULT 17 Apr 2008
S 1ST Street, & OAK ST
Distance: 0.56 miles
Identifier: P081080850
Time: 16:16:56

Map Satellite Hybrid Terrain

San Jose State University, San Jose College, Kelley Park, Happy Hollow Park, Happy Hollow Zoo

Data provided by: San Jose Police Department

Print Friendly View Distance Guide Legend Hide Map



**San Jose
Police**



Why It Works

- Key issue: usability!
 - Must be universally accessible
 - Must be intuitive and easy to understand
- Total cost fell far below anticipated costs of other contemplated alternatives
- Requirement for agency staff was minimal (estimated 30 day turnaround)
- No additional systems were installed, simply allowed us to push data out quickly and efficiently



Results

- Uses Global Justice XML Data Model (GJXDM)
- Emphasis is on providing benefits for the police department, not for state and federal agencies
- With a connection established, new applications and trends are emerging
 - Internal analytics capability
 - Additional data types from local, state or federal agencies
 - Geographic boundary overlays for beat-level analysis and measurement



What We Didn't Expect

- Data could be leveraged to supporting existing City initiatives
 - SNI, Crime Prevention, IMPACT
- **Automatic integration with adjacent agencies** gives better visibility into new and emerging problems
- Officers began using the system to key in to emerging trends and patterns
- Big plus: exceptional breadth of demand profile together with low administrative burden



Thank you / Q & A

San Jose Police Department

Steven DiNoto

Steven.dinoto@sanjoseca.gov

Laurence Ryan

Laurence.ryan@sanjoseca.gov

CrimeReports.com

Greg Whisenant

greg@crimereports.com



**San Jose
Police**



CrimeReports