

Regional Information Sharing and Analysis for Law Enforcement

Mission: Enhance the public safety capabilities of Law Enforcement agencies throughout the region by providing connected technology systems which aggregate criminal intelligence sources and offer enhanced potential utilization and analysis across the unified dataset, in a manner which is both continually improving and cost-efficient.

This is achieved by focusing on three ongoing Strategic Goals:

1) Expand, Support, and Sustain Regional Information Sharing:

- Provide and execute best practice processes and resource collaboration to facilitate and promote information sharing throughout the region.
- Unify and normalize disconnected datasets across jurisdictions and operating platforms.
- Connect with similar sharing systems across California and nationwide.

2) Enhance Capabilities from Shared Information and Explore New Technologies:

- Transform the region's information sharing and information utilization practices to better support intelligence and operations at the strategic, investigative, and tactical levels.
- Provide enhanced link analysis, geospatial/temporal filtering, and other analytic capabilities to augment effective use of the unified information.
- Track emerging needs of local agencies and respond.
- Explore system enhancements, or introduction of new technologies, to provide additional value or capability.

3) Optimize Return on Investment:

- Architect a tiered solution to provide a reasonable and predictable costs for on-boarding new agencies or re-integrating agencies that deploy new systems locally.
- Initiate transition to cost-sharing model for system continuity and data modeling
- Gain agility to pivot systems or vendors without needing a full reinvestment
- Host frequent training and outreach opportunities to introduce new users and respond to feedback from current users.

Estimated Annual Operating Costs:

Information Technology Infrastructure and Secure Network Hardware	\$200,000
Data source translation, normalization, and integration	\$500,000
Analysis System Continuity, platform licensing, enhancement, support	\$500,000
In-house staffing for project management, engineering, user training	\$400,000
Total Annual Operating Cost:	\$1,600,000
Expected YoY increase:	+5%
Requested UASI support:	\$800,000
Shortfall, covered by steward agencies and participating agencies:	\$800,000

Three year plan and deliverables:

Year	Strategic Goal	Description	Deliverable
1-2	Information Sharing	Complete previously funded data integrations in-progress	Participation from 30+ agencies and 6+ counties
1-2	Information Sharing	Participate in other regional, statewide, and national sharing systems	Bi-directional sharing with 5+ systems outside Bay Area UASI region
1-2	Return on Investment	Identify data modeling services (data warehousing) to reduce onboard cost and eliminate redundant costs	Reduced, predictable cost to onboard new agencies or refresh agency RMS systems
2-3	Information Sharing	Onboard new agencies in region to strengthen aggregate dataset	Participation from 50+ agencies and 10+ counties
2-3	Information Sharing	Expand external sharing to additional regions and states	Bi-directional sharing with 10+ systems outside Bay Area UASI region
2-3	New Technology	Federated user access from external authentication sources	Simplified user onboarding, no new passwords
2-3	Return on Investment	Determine cost-sharing model to support continuity and expansion	Cost-sharing model with participating agency review
2-3	New Technology Return on Investment	Explore centralized hosting option to consolidate deployments	Secure, centralized hosting at reduced cost
2-3	Return on Investment	Implement new tracking system for usage, results, success stories	Demonstrate success and value
All	Return on Investment	Conduct no fewer than six in-person trainings, more as demanded.	Multiple proficient users from all participating agencies

Summary: UASI Support of \$800,000, augmented by a cost-sharing model among participating agencies, and the continued diligent efforts of regional information sharing stewards, will position the region to achieve an operational law enforcement intelligence system that leverages data from over 50 agencies, incorporates other sources outside the region, is used effectively by trained personnel, meets new demands as needs develop, and will become at least 50% sustained by participating agencies.