



SMART Policing Initiative: Operation RASOR





Overview

- Intros
- Cambridge, Everett, and Somerville
- Mission, Goals, and Governance Structure

15 Good Minutes:

- Collaboration and Capacity Building
- Regional Analysis: Impact Players
- Field Interviews and Observations

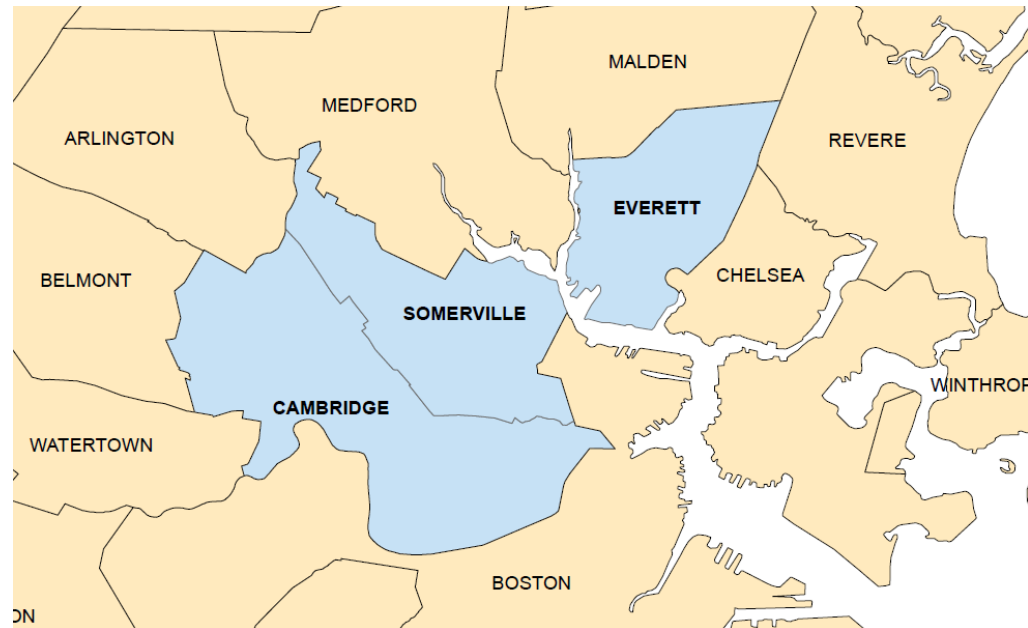
5 good minutes:

- Evaluation
- Where Do We Go From Here?



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- Regional Analysis for the Safety of Our Residents
- Cambridge
- Everett
- Somerville



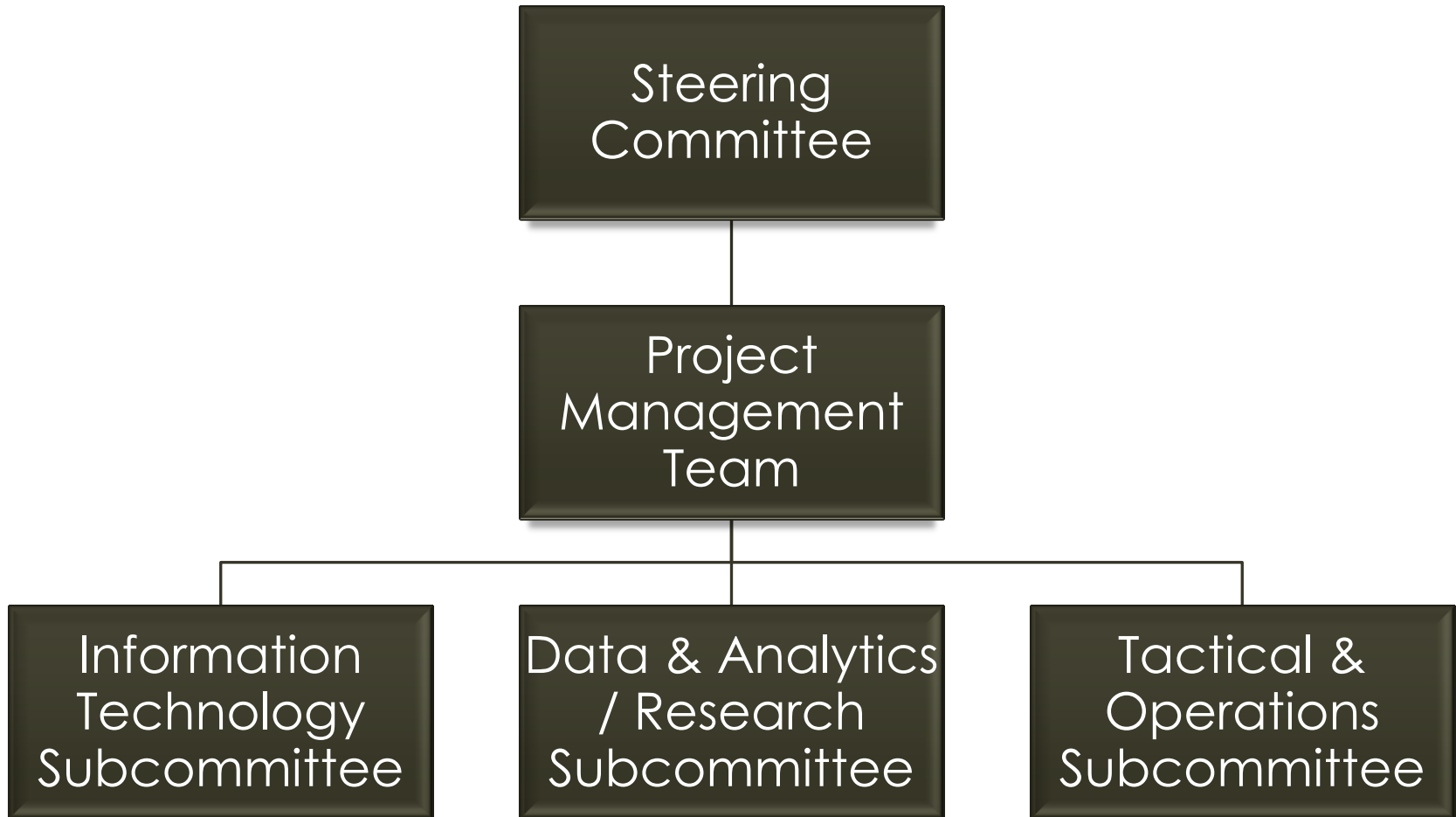


Strategic Plan: *Mission Statement*

The Smart Policing Initiative will prevent crime by establishing a collaborative partnership between the Cambridge, Everett, and Somerville police departments and a research partner, to build a regional capacity to use advanced predictive analytics and evidence-based practices.



Strategic Plan: Governance





Goal 1: Reduce Crime & Improve Safety

- Reduce crime and improve safety by developing preventive strategies based on actionable data produced by crime analysts and technology that uses predictive analytics.
- Focus on chronic locations and impact players
- Measure crime reduction





Goal 2: Collaboration

Develop and put into operation an active and participative collaboration among three police agencies and the research partner to establish Predictive Policing

- **Measures: Face-to-face meetings (25 times over the last year), formal conference calls (24 times), and other contacts via email (475 times)**





Goal 3: Capacity Building

Develop and build capacity for using Predictive Policing and Smart Policing and develop methods to sustain Predictive Policing after the grant ends.

- **Measures:** trainings, knowledge building (reading material), discussions of innovative responses to address crime problems; surveys; qualitative methods (observations).





Goal 4: Regional Analysis

Increase efficiency of crime analysts, police officers, and investigators by developing regional standards and systematic practices to perform analysis using new and innovative technology

- o **Measures: creation of regional databases; new technologies, training sessions**





Goal 5: Problem Solving

Utilize analysis and problem solving to implement innovative interventions to improve neighborhood safety.

- **Measures: strategies, use of analysis, responses, assessments**





Goal 6: Predictive Analytics

Develop innovative predictive analytic tools

- Measures: training on predictive analysis; partnerships with MIT established to develop useful analytics





Goal 7: Inclusion

Include other agencies in the Boston area to develop and implement Predictive Policing and Smart Policing Methods

- **Measures: # of partnerships (12 other agencies outside of our grant); 8 organizations have sought participation with us**





Goal 8: Evaluation

Evaluate the effectiveness of the interventions through rigorous methods.

- JSS documents progress to date (process evaluation)
- Outcome evaluation will be developed as interventions are designed and implemented





15 Good Minutes: Collaboration and Capacity Building

- What does it take to collaborate across jurisdictions?
- What are the challenges?
- How do we build regional capacity for data collection, crime analysis, and implementation of effective crime reduction strategies?



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Data Analysis Solutions



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15 Good Minutes: Regional Analysis

- How do we identify impact players across three jurisdictions?
- How do we identify chronic locations across three jurisdictions?



15 Good Minutes: Regional Analysis and Crime Database





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High-Priority Offender Search Form

Offense Weights

OffCr	Offense	Weight
0	Other	1
09A	Murder	10
09B	Manslaughter	8
OK9	K9 Drug Search	4
OKB	K9 Bomb Assistance	2
1	Other	1
100	Kidnapping	8
101	Kidnapping	6
10A	Missing Person	2
10C	Missing Person	2
10J	Missing Person	2
11A	Rape	9
11B	Sodomy	9
11C	Sexual Assault with Object	8
11D	Indecent Assault	7
11E	Indecent Assault	7
11F	Sex Offender Registry	3
11G	Sex Offender Registry	3
11X	Rape	9
120	Robbery	7
13A	Aggravated Assault	7
13B	Simple Assault	5
13C	Threats	3

Filter for:

Only...

...Offenses

Offender age between:

 and

Only offenders with involvement in:

- Cambridge
 Everett
 Somerville

Only offenders with at least one...

...in their histories

Search

Role Weights

Order	Role	Weight
1	Defendant	1
2	Suspect	0.9
3	Involved	0.5
4	Owner	0.3
5	Missing	0.3
7	Passenger	0.2
6	Other	0.2
8	Operator	0.2
9	Witness	0.1
10	Victim	0.1
11	Unknown	0.1
12	Sick/Injured	0.1
13	Reporting	0.1
14	Parent	0.1
*	0	0

Record: 1 of 14 No Filter

Created for the Cambridge, Somerville, and Everett Smart Policing Initiative, with support from the U.S. Bureau of Justice Assistance. (c) 2012.



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Development of Impact Player Profile Templates:

LOWELL POLICE DEPARTMENT
50 ARCADIA DR LOWELL, MA 01852
CRIME ANALYSIS INTELLIGENCE UNIT
PHONE: 978-446-7297
FAX: 978-441-2500
EMAIL: LOWELL.PINTEL@LOWELLSMA.GOV

SUPERINTENDENT KENNETH

Lowell Police Department

Intelligence Report

GANG AFFILIATION: Tiny Rascals Gang Grey Rag

NAME: Sok, Saravy
DOB: [REDACTED]
SSAN: [REDACTED]
AKA: [REDACTED]
LKA: [REDACTED]



ASSOCIATES:

Sothea "Slow Boi" An (8/2/90)
[REDACTED]

Randy Hall (1/20/94)
"Danny" He (12/4/92)
Babyface" Iem (6/14/86)
Khath (8/12/89)
n "Jumper" Pin (8/13/93)
Prom (8/12/92)
"Danny" Seng (1/27/90)
rrano (9/9/88)
Dan" Leang
dara "Lil G Walk" Sok
)
kthea Touch (2/5/90)

HISTORICAL INFORMATION:

(1) Case 07-19853
Involvement: Defendant

Lowell, MA.

UBLIC DISSEMINATION

Boston Regional Intelligence Center

UNCLASSIFIED//FOR OFFICIAL USE ONLY//LAW ENFORCEMENT SENSITIVE

BRIC.bpd@cityofboston.gov Phone: 617-343-4328 Fax: 617-343-5222

[PICTURE IF AVAILABLE] – Date of picture – in addition you can use pics with is value

1. Identity

- Name
- DOB
- Gang
- Probation Status (if they are on probation – court - charge)
- Driver's License Status
- Relatives – (Note: Parents' info is in booking/BOP and can be sourced sourced by 1.1 or the sibling's Booking #)
- Significant other – (Note: source with CC#)

2. Address Search

Put the most recent entry first. Note your source (CC#/FIO#/RMV with date)

- # Street, City/Town

3. Vehicle Search

Source(s):

- MA Reg#, make, model, owner
- (use source CC#/FIO# - VERIFY that car still exists, is owned by the same this person has enough of a nexus to make you believe that they will be seen run what info you have through a supervisor – IF the car is rented, note the and CC#/FIO this should only be done in cases that are recent.)

4. Notable Associations

This space is for gang members who the subject is commonly seen with, gang members and other.

- FIRST LAST (DOB: 01/01/10) – Relationship – (Source)

5. Open Cases/History

This space is for open cases and cases from outside jurisdictions. Info comes from outside jurisdictions only note them if they are recent (within last 2-3 years) this info report from an outside agency, as well as if we can use their open cases as a lever.

- Date, charges (do not list all of them, just note what is relevant, e.g: did it in court, arrest agency)

SPI High-Risk Offender August 2, 2012



LAW ENFORCEMENT SENSITIVE – NOT FOR PUBLIC RELEASE

First Name:
Last Name:
DOB:
Address:
City of Activity:

PHOTO
(Booking)

PHOTO
(Tattoo
etc)

(Dates of Photos, SOURCES)

High-Risk Offender Profile

Known Criminal Activity:

Family Members & Known Associates:

Known Areas of Operation/Hangouts:

Identifying Marks/Tattoos:

Weapon Use/Possession:

Motor Vehicle Information:

Social Media Information:

Summary of Recent Activity



Challenges:

- How do we define “Impact Player”?
- Multi-jurisdictional challenges
 - Differences in RMS, data availability, and crime classification across three jurisdictions
 - Lack of crossover of offender activity (most activity is within one city or a crossover between two cities, not across all three). Cambridge & Everett don't share a border.





Challenges:

- Database is top heavy with homeless, not the offenders that most would consider high risk or “impact” players.
- Need to examine incident weights.
- Data are static, not continuously updating. How do we keep info current?
- How do we handle and include confidential info (informants, ongoing murder investigations, etc.)?
- How do we account for data errors in incident reports (unknown SPs, misspelled names/DOBs, etc.)?
- How do we balance our time?
- How much time/work it will take to keep intel database up-to-date once started



15 good minutes: Field Interviews

- Officers from 3 PDs developed an FIOS policy that was then vetted by the CPD Legal Advisor
- Officers developed training on the policy in collaboration with the Legal Advisor
- The FIOS policy will build capacity in each agency and across jurisdictions for regional analysis



5 Good Minutes: Evaluation

- Process evaluation:

What was planned? What was implemented?

Were the goals met?



- Impact evaluation:

What was the impact on crime? What was the impact on the community? On police?



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5 Good Minutes: Where do we go from here?

- Develop and implement interventions focused on problem people
- Conduct regional analysis of problem places and problem crimes
- Continue to develop more advanced analytics & models incorporating research findings
- Expand collaboration to other police departments



Where do we go from here?

- Continue training on analysis and problem solving (POP Conference)
- FIOS Training through November across jurisdictions
- FIOS Implementation
- Identify chronic locations
- Develop problem solving strategies for location-based efforts





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Questions?

