



Automated Gunshot Recognition Systems

ShotSpotter



SENTRI (Sensor Enabled Neural
Threat Recognition and
Identification)





Gunshot Recognition System

Cost Estimates

SENTRI

- Estimated cost – 192k per square mile
- Provides 24 units
- Can provide single units for expansion
- Hardware purchased and owned by City/SPD

ShotSpotter

- Estimated cost - 40-60k per year subscription fee for one square mile coverage
- Minimum of 3 mile coverage for contract 120-180 p/yr
- One time activation fee of 10k per square mile
- Equipment is owned by Shotspotter



Automated Gunshot Recognition System Capabilities

SENTRI

- Portable or fixed operation
- AC or DC power option
- Camera & GPS Integrated into component
- Wireless data transmission direct to 911
- Lightweight (< 15 lbs)
- Configurable video recording options
- Retains data for long term analysis

ShotSpotter

- Primarily fixed operation
- AC power required
- Installed and maintained by vendor
- Shot notification goes to vendor call center for analysis then they call 911
- Can be integrated with pre-existing video system
- Retains data for long term analysis



Automated Gunshot Recognition System

Deployment example:

- **Los Angeles Sheriff's Department** uses both systems within their jurisdiction.
 - ShotSpotter is installed in its high gun violence/low reporting areas.
 - SENTRI is deployed for augmentation in gun violence areas and moved about as needed for area emphasis or special events.



Automatic Gunshot Recognition System



Questions?