Chicago Crime Fighting Initiative

Assessment & Strategy Development

Eddie T. Johnson, Superintendent of Police

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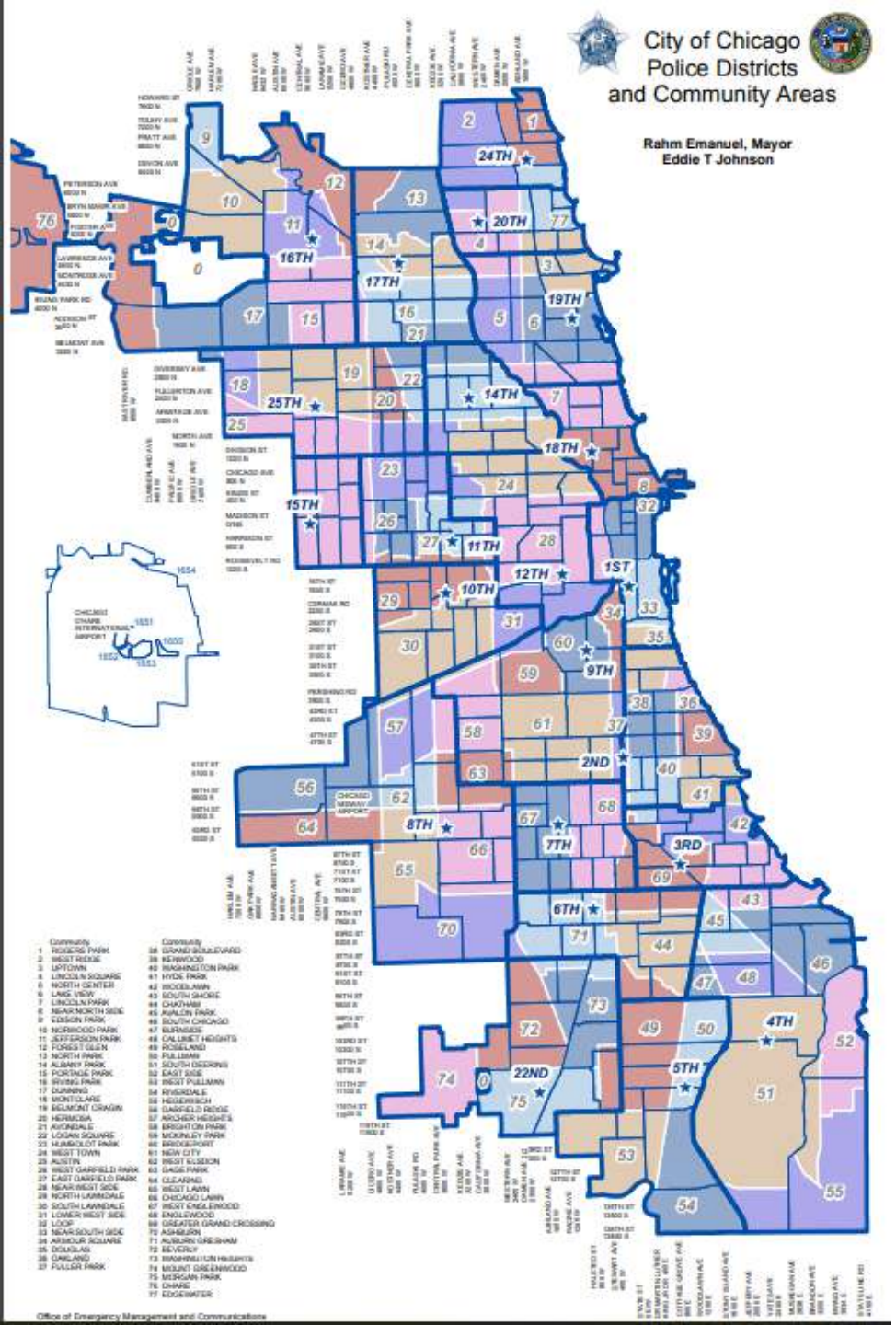


Chicago and CPD Districts Overview

- 2.7 million people; 234 square miles
- 22 districts; 13,200 sworn officers
- About 125,000 people and 11 square miles per district
- Second-Largest Police Department in United States (NYPD, Chicago, LAPD are top 3).

Chicago’s Cutting Edge Technology

IBM
COMPUTER
AIDS CHICAGO POLICE

Oops.. Here’s the actual video

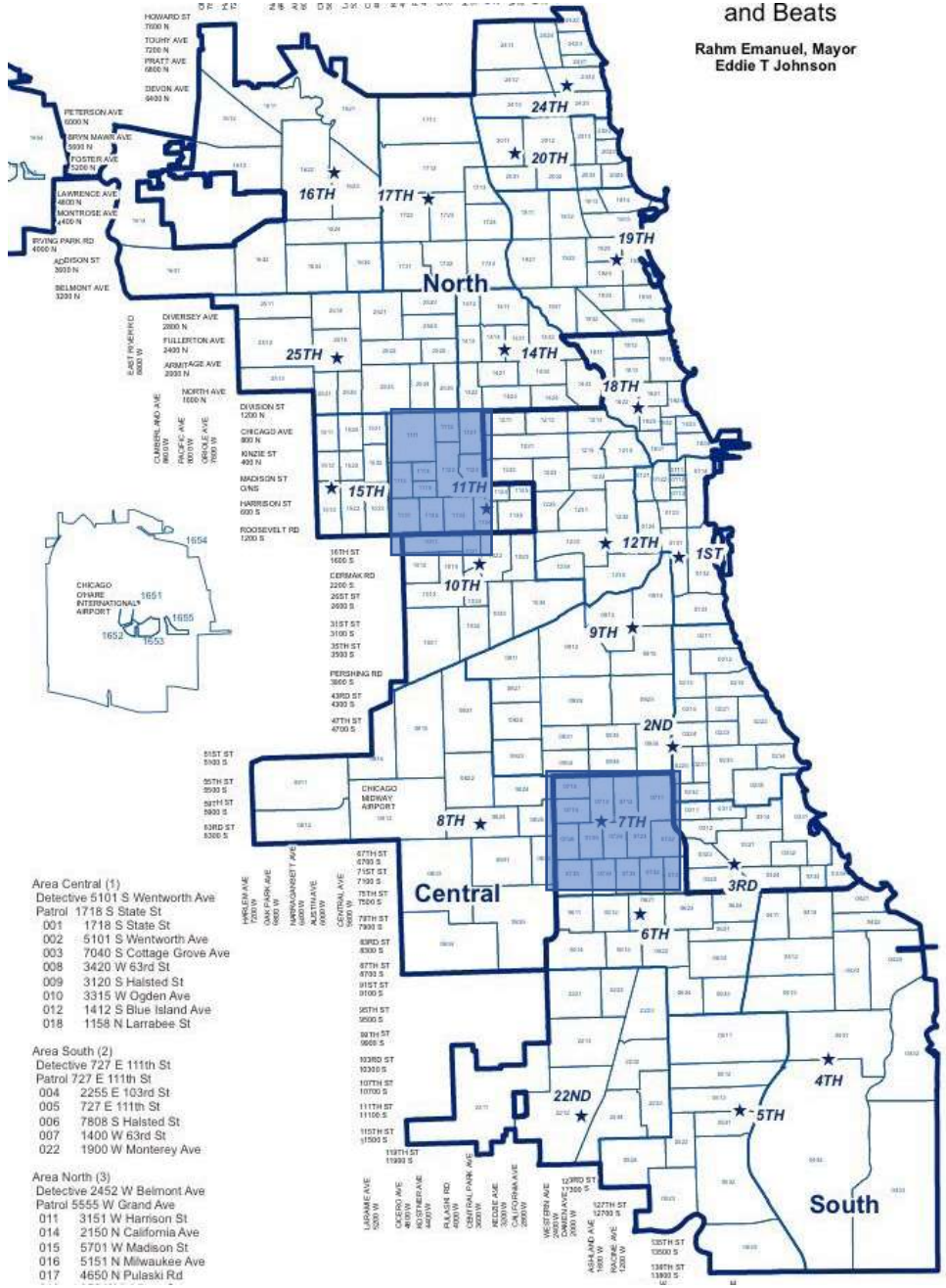
PRECISION POLICING

Small percentage of people are most likely to be drivers of violence

- Use data to develop risk models and interventions

Small percentage of geography has majority of the crime

- Use data to identify geography and inform strategies


and Beats
Rahm Emanuel, Mayor
Eddie T Johnson
North
Central
South
24TH
20TH
19TH
16TH
17TH
25TH
14TH
18TH
15TH
11TH
12TH
1ST
10TH
9TH
2ND
8TH
7TH
3RD
6TH
4TH
5TH
22ND
CHICAGO O'HARE INTERNATIONAL AIRPORT
CHICAGO MIDWAY AIRPORT
Area Central (1)
Detective 5101 S Wentworth Ave
Patrol 1718 S State St
001 1718 S State St
002 5101 S Wentworth Ave
003 7040 S Cottage Grove Ave
008 3420 W 63rd St
009 3120 S Halsted St
010 3315 W Ogden Ave
012 1412 S Blue Island Ave
018 1158 N Larrabee St
Area South (2)
Detective 727 E 111th St
Patrol 727 E 111th St
004 2255 E 103rd St
005 727 E 111th St
006 7808 S Halsted St
007 1400 W 63rd St
022 1900 W Monterey Ave
Area North (3)
Detective 2452 W Belmont Ave
Patrol 5555 W Grand Ave
011 3151 W Harrison St
014 2150 N California Ave
015 5701 W Madison St
016 5151 N Milwaukee Ave
017 4650 N Pulaski Rd

7
11

BEFORE

Centralized Approach
Centralized Capacity at Fusion Center
Information Pushed to Officers

Multiple Data Sources
Limited Field Information
Numerous Platforms and Tools

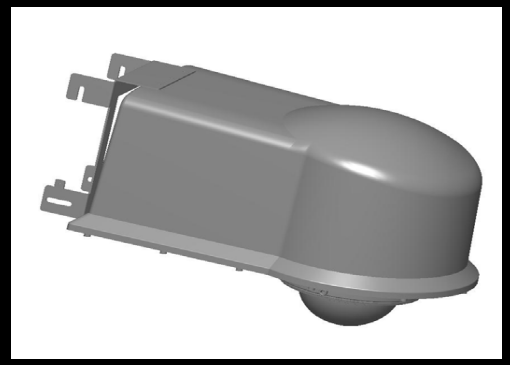
AFTER

Decentralized Approach
SDSCs are Autonomous but Connected
Two-Way Information Exchange

Integrated Platform
Smart Devices
Streamlined Tools

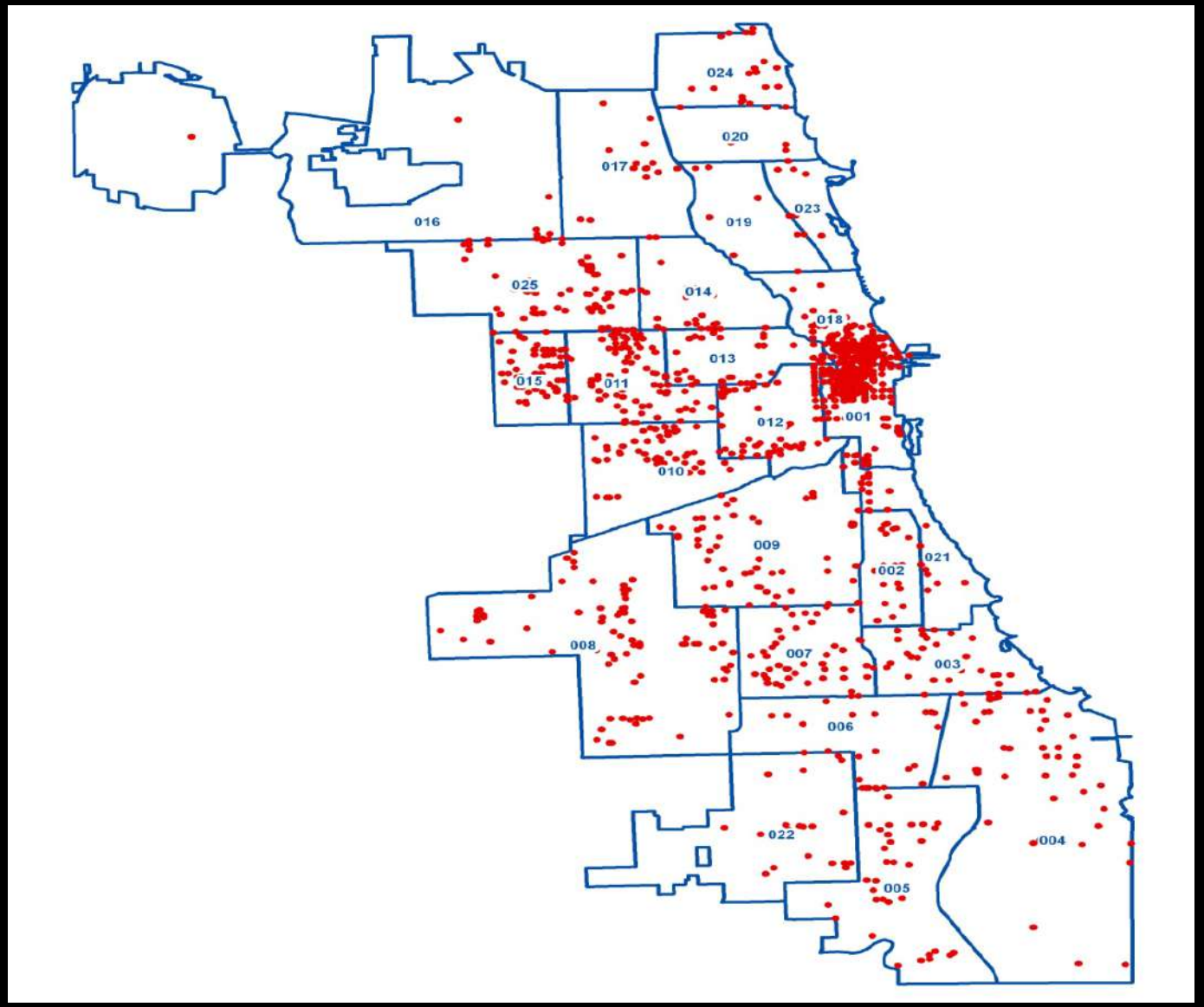
SURVEILLANCE CAMERAS

PROGRESS



<u>OVER 35,000 surveillance cameras</u>
Police “POD” (Police Observation Device)
Chicago Transit Authority, Public Schools, Airports, Park District, private cameras

SURVEILLANCE CAMERAS

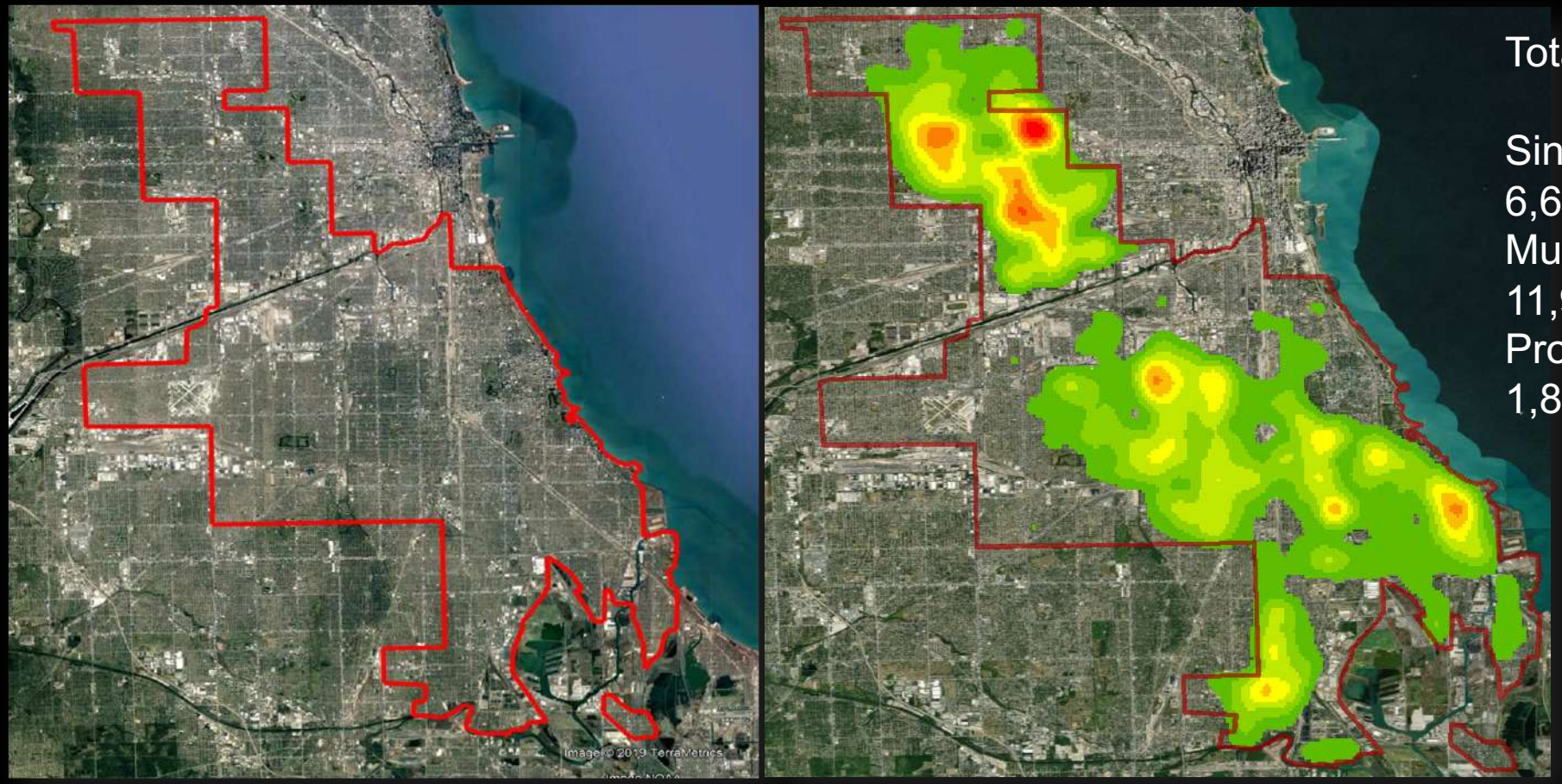


LICENSE PLATE READERS

250 Police-equipped License Plate Reader vehicles
Fixed License Plate Reader cameras
Access to other City agency License Plate Reader vehicles (Department of Finance “boot” vans)

SHOTSPOTTER

117 Sq Miles, largest deployment in United States



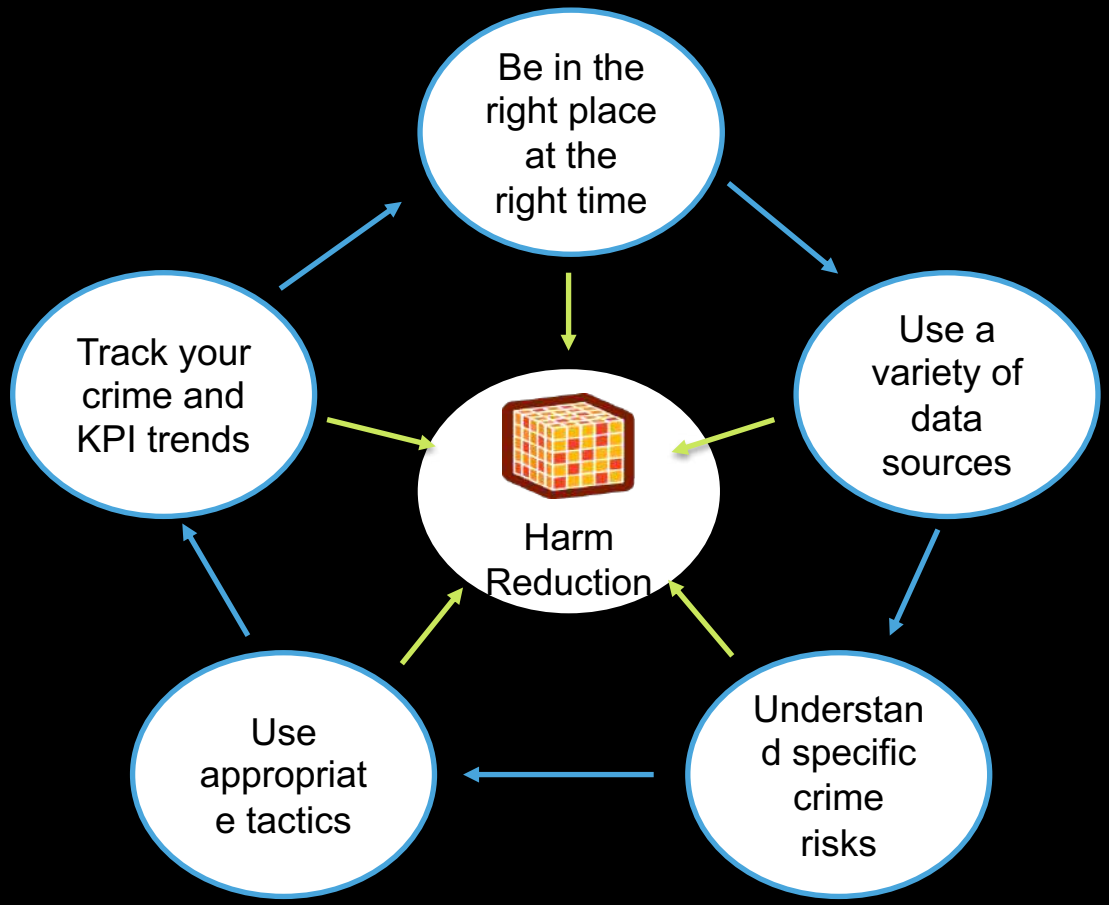
2018 Entire Year

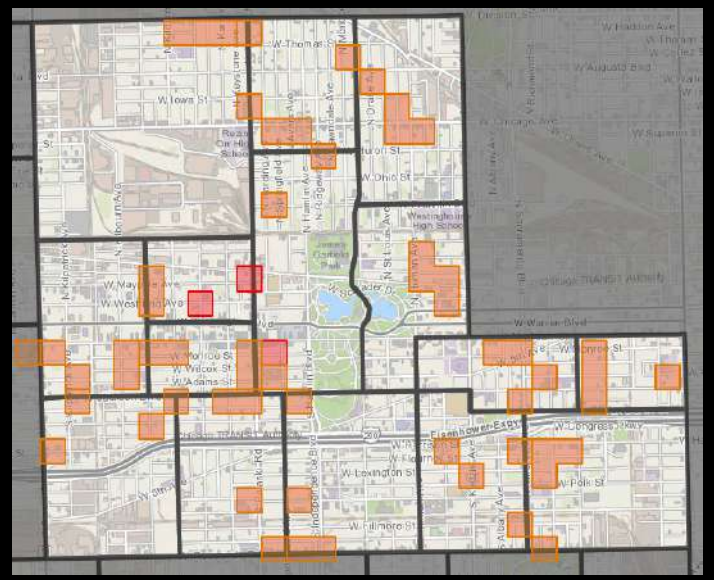
Total Gunfire – 20,471

Single Gunshot Incidents – 6,614
Multiple Gunshot Incidents – 11,993
Probable Gunshot Incidents – 1,864

SHOTSPOTTER MISSIONS

Formerly called HunchLab, Place-Based Prediction Tool





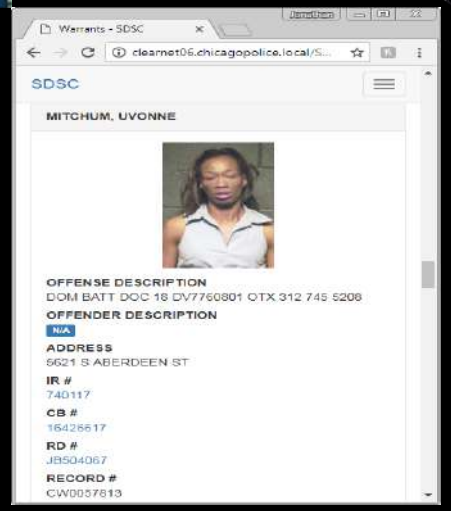
Uses Weather, Calls for Service, ShotSpotter alerts, Incidents, Arrests to identify areas of risk

Officers conduct proactive missions in these “zones”

Zones change three times a day (once per Tour of Duty)

SMART PHONES

3,500 smart phones deployed to police districts, 1,000 being deployed to Detec
Access to ShotSpotter, Intelligence, Dispatch, Name Checks, HunchLab, Camera Video, LPR



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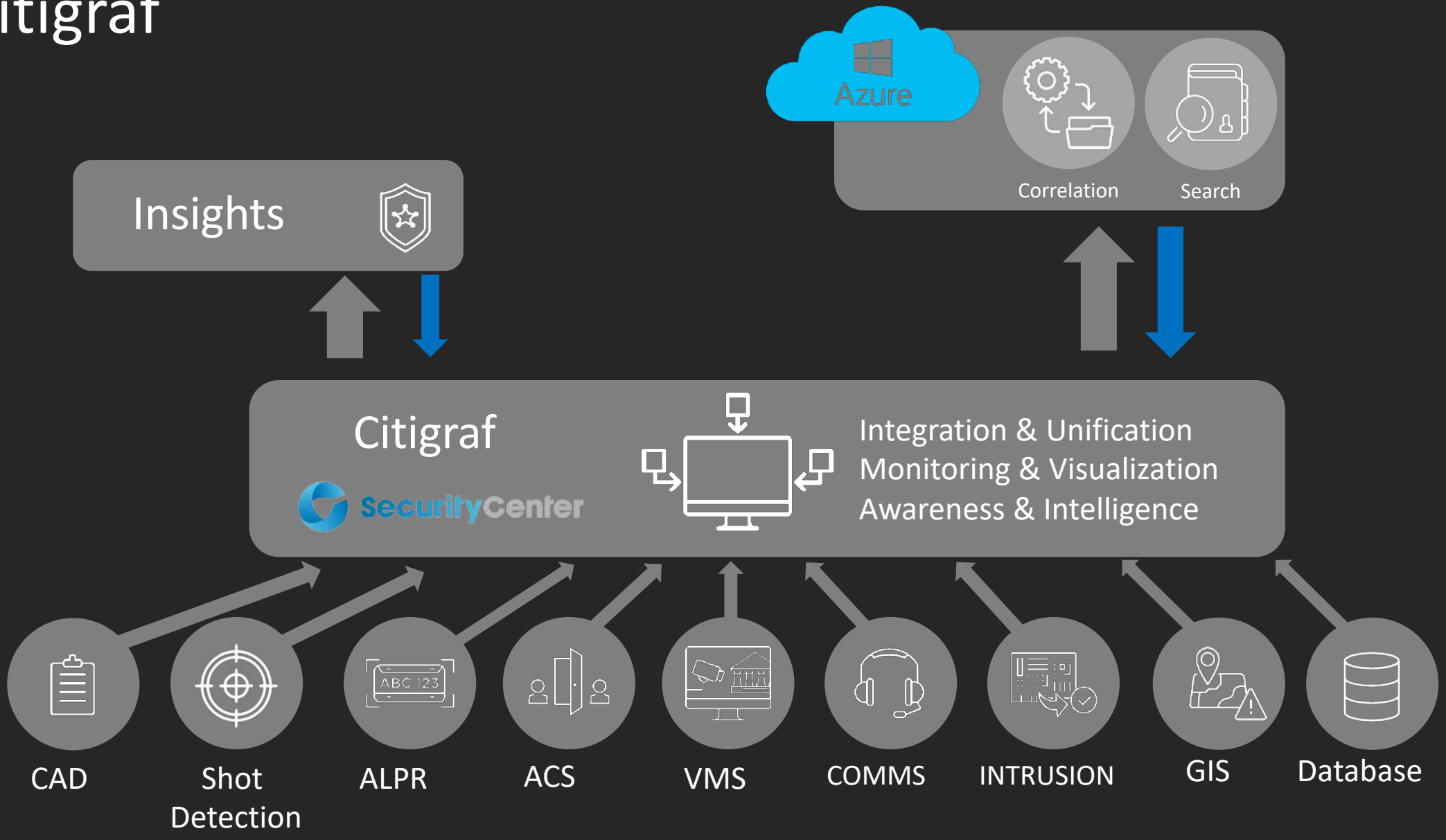

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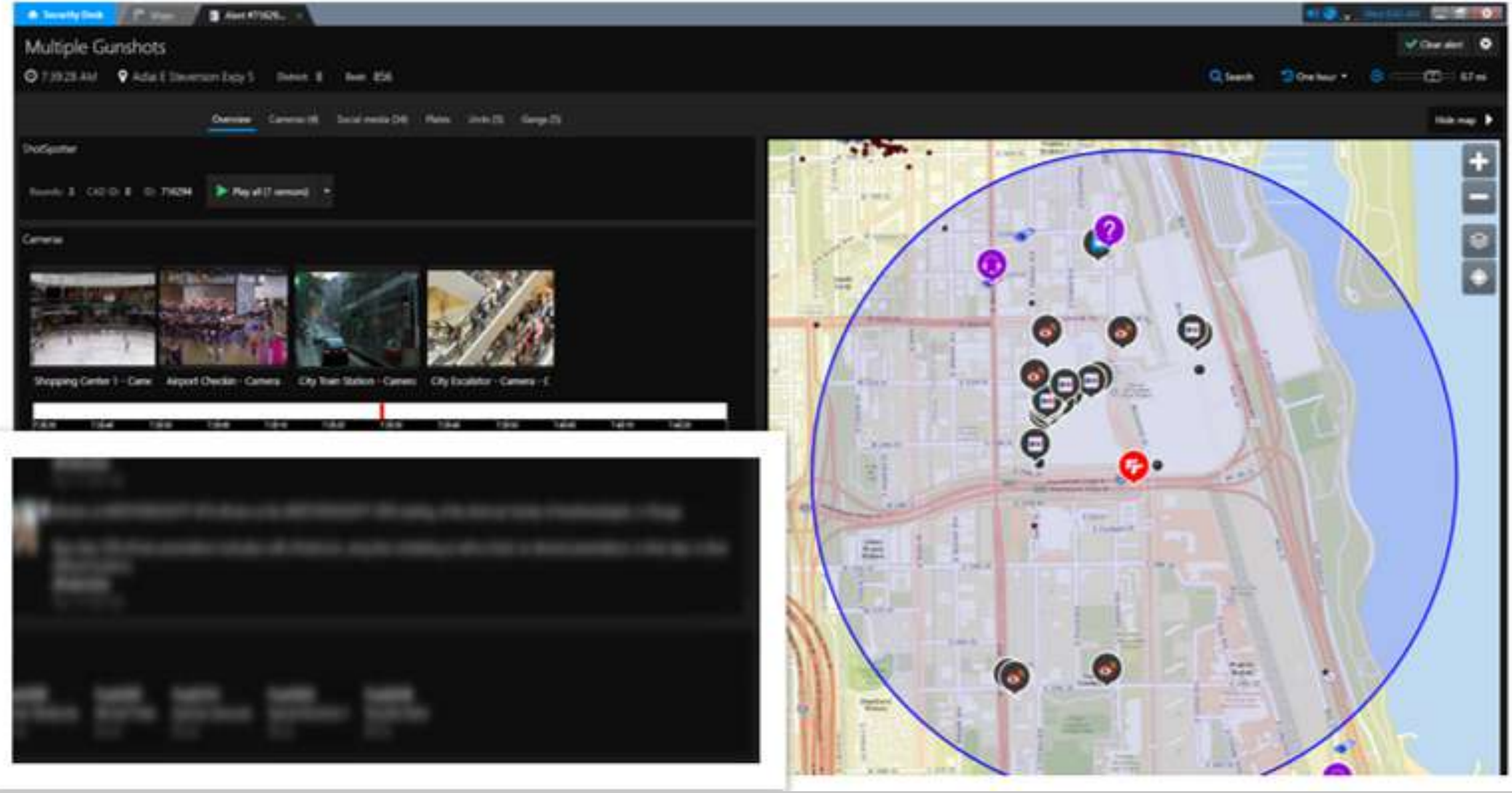
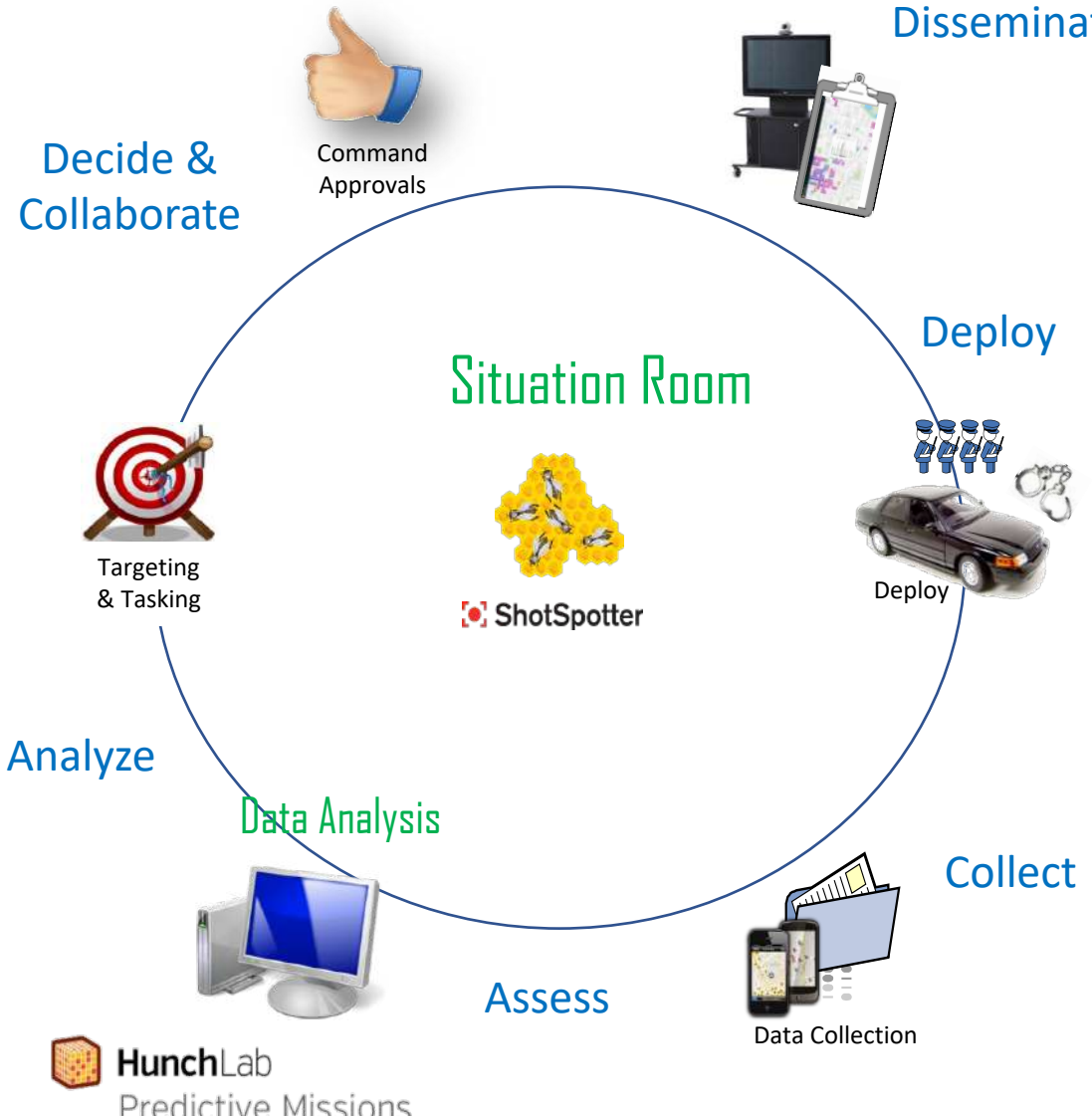
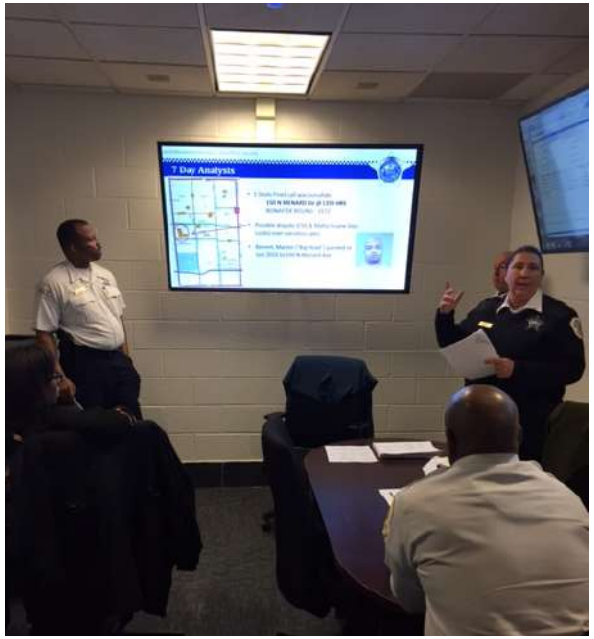

Multiple Gunshots
Cameras

SDSC Intelligence-Action Cycle





Chicago Police

SDSC

SDSC Impacts

Shootings

- The Tier 1 districts were online most of 2017. When comparing Tier 1s 2018 vs 2016 (prior to their go-live), **shootings are down 37%, the largest decrease of all the Tiers**.

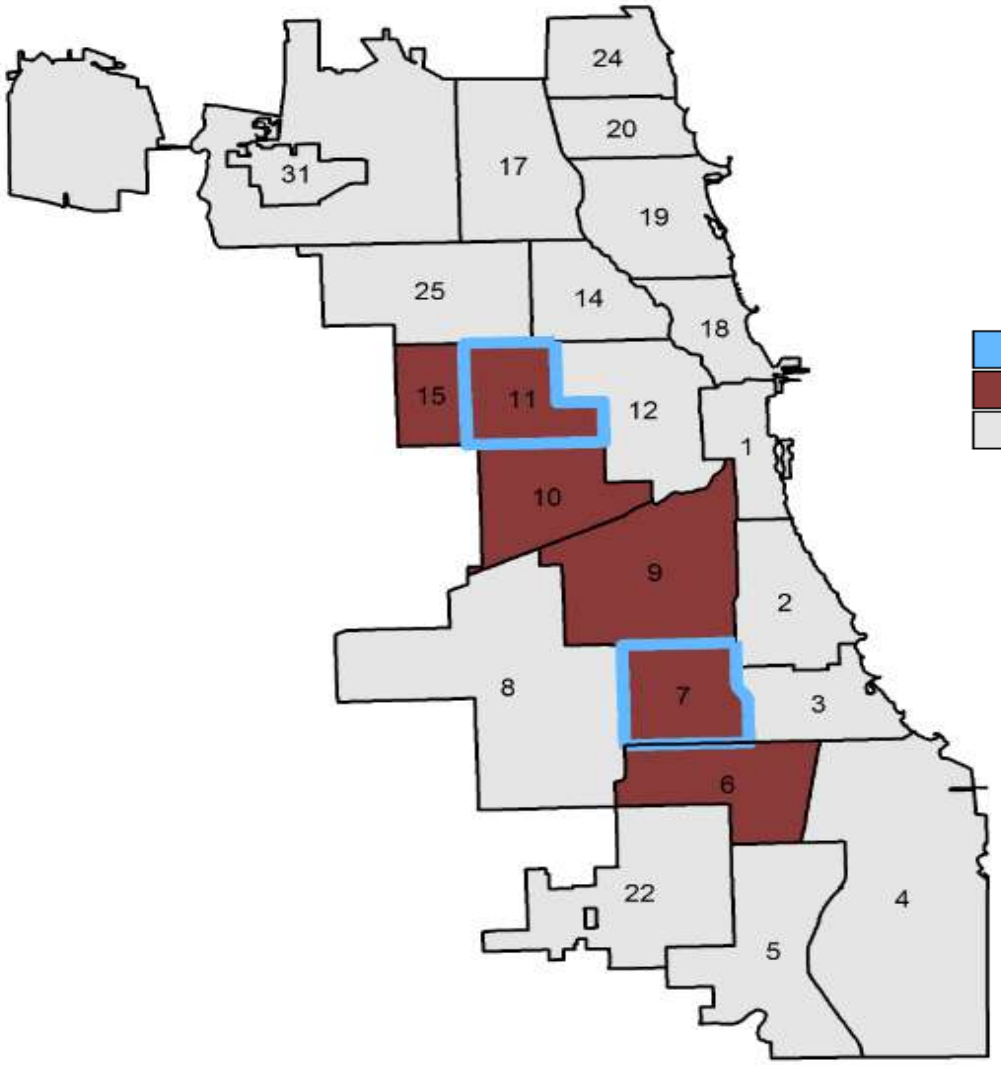
- The Tier 2 districts were online most of 2018. When comparing Tier 2s 2018 vs 2017 (prior to their go-live), **shootings are down 18%, the largest decrease of all the Tiers**.

Murders

- The Tier 1 districts were online most of 2017. When comparing Tier 1s 2018 vs 2016 (prior to their go-live), **murders are down 33%, the largest decrease of all the Tiers**.

- The Tier 2 districts were online most of 2018. When comparing Tier 2s 2018 vs 2017 (prior to their go-live), **murders are down 19%, the largest decrease of all the Tiers**.

Percent Change in Shooting Incidents
2017 vs 2016

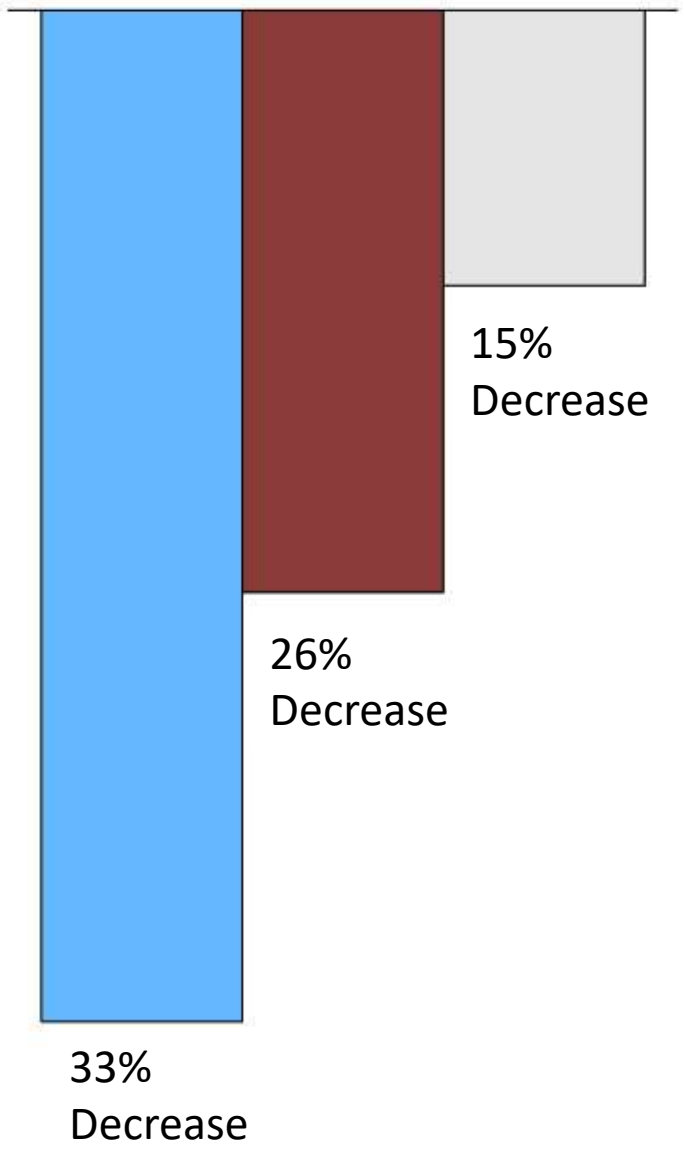


Districts 7, 11

All SDSC Districts

All Non-SDSC Districts

TOTAL
21%
Decrease



Year to Date 2019 (thru 25 Jun)

- **Lowest Robberies in at least 20 years** (-45% vs 20 yr average)
  - 2019 YTD: 3,494, 20 Yr Avg: 6,326
- **Lowest Burglaries in at least 20 years** (-55% vs 20 yr average)
  - 2019 YTD: 4,311, 20 Yr Avg: 9,695
- **Lowest Motor Vehicle Thefts in at least 20 years** (-50% vs 20 yr average)
  - 2019 YTD: 4,228, 20 Yr Avg: 8,478
- **Shootings down 12% vs 2018, 29% vs 2017**
- **Murders down 8% vs 2018, 26% vs 2017**

THANK YOU!

Jonathan.Lewin@ChicagoPolice.org