

Los Angeles' Vision for the 21st Century Going Digital, Going Mobile, and Measuring Success



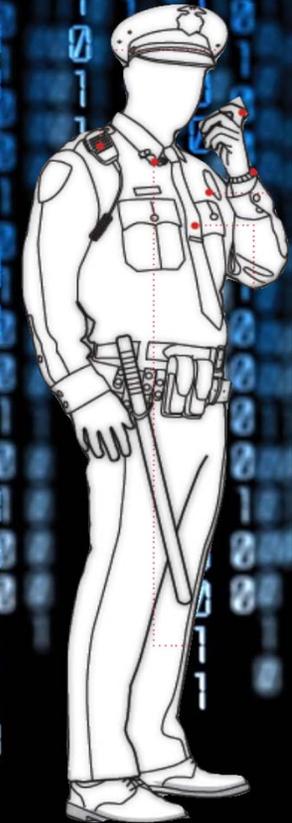
President's Council of Advisors on Science and Technology

Maggie Goodrich, Chief Information Officer
Los Angeles Police Department



Going Digital, Going Mobile, and Measuring Success

- Technology as a force multiplier
- Resources and services in the right place, at the right time
- Police not only seen as first responders
- Customers experience law enforcement as a service
- Recognize challenges implementing technology



Going Digital



The Connected Officer

Body Worn Cameras
Health Sensors
Wearable Display
Private LTE
Proximity Sensors
Fingerprint Device
Facial Recognition
License Plate Recognition
Video Streaming
Handheld 3D Scans
E-Reporting
Cloud Storage
Molecular Sensors
Court Discovery/Filing
Sharing Parole & Probation



In-Car Video
eReporting
Bio-Sensors
Heads-Up Display
Telematics
AVL/GPS
WiFi Canopy
Solar/Electric



Going Mobile



Connected



The Connected Officer

Going mobile enables an officer to submit and receive data continuously:

- Mobile Apps
- Leveraging Wearable and Sensor Technology
- Cloud-Based Computing
- Systems Cross Communicating



2016 Initiatives

- Body Worn Video
- Connected Officer
- Blue Apps
- Stops Data
- eFI
- Telematics

Leveraging Data

➤ Law Enforcement Systems – Leveraging Meta Data

- In-Car Video (1.8 M videos since 2010)
- Body Cameras (1,100 cameras; 640,000 videos; 83 TB in 1 year)
- 600 CCTV Cameras
- License Plate Recognition Systems
- Police Vehicle Telematics



➤ City of Los Angeles Open Data Portal (White House PDI)

➤ Analytics/Machine Learning/Predictive Analytics/iOT

➤ Applying lessons learned to mitigate risk/liability, improve training and officer safety, and provide

Challenges of Advancing Technology



Innovating Within the Confines of Government

- Acceptance and Adoption
- Speed of Procurement/Contracts
- Anticipating Technology Lifecycles
- Modernizing Systems and Infrastructure
- Developing and Retaining Skilled Personnel
- Thoughtfully Merging Technology and Policy
- Funding/Sustainability





Measuring Success

- Surveys of officers, customers/the community, and partners
- Measure of officer productivity and risk, to include a review of supervision (all levels) and outcomes Department-wide
- A return on investment (ROI) analysis
- Partnering with Academia
 - Applying scientific methodology to strengthen the LAPD's internal processes
 - Provides an independent voice/findings to the community
 - Brings credibility to the message
- Increasing community dialogue and community involvement
- Measuring adoption by other law enforcement agencies



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