



City of Dallas

Public Safety Camera Deployment and Governance Project Overview

**Public Safety Committee
December 12, 2022**

Albert Martinez, Executive Assistant Chief
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Stephen Williams, Major of Police
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Office of Emergency Management

Presentation Overview



- Camera Governance Board
- Objectives of Camera Governance
- Public Safety Camera Usage
- Citywide Camera Usage/Technology
- New Technology Implementation
- Next Steps



Citywide Camera Governance



- The number of optical devices purchased and deployed by City departments has expanded into the thousands over the last five years
- Staff is creating a process to manage:
 - Camera inventory
 - Budgetary planning for maintenance and replacement of cameras
 - Interoperability of camera systems
 - Controls to ensure Federal and State guidelines are met
- To address these issues, staff has implemented a Citywide Camera Governance program chaired jointly by the Deputy City Manager for Public Safety and the Chief Information Officer



Objectives of Camera Governance



- To ensure all cameras deployed across the City of Dallas are leveraged as City-wide assets and utilized to meet a variety of needs
- To ensure there is a centralized, regularly maintained, up-to-date, and comprehensive inventory of all cameras deployed throughout the City
 - Estimated ~7,200 cameras in use throughout City departments
- To ensure cameras are maintained in an operational state, with appropriate contractual and budgetary mechanisms to ensure devices remain operational
- To ensure the use of all devices complies with all applicable privacy and data security laws and are implemented in a way that protects residents' privacy rights and civil liberties
- To ensure the City follows a broader City-Wide strategy in deploying camera infrastructure to reduce cost and maximizes benefits



Public Safety Camera Usage



- Public Safety departments utilize a wide number of cameras and camera systems
 - Fixed Cameras – DPD, DFR, DMO, & CTS
 - Covert & Overt Cameras
 - Building Security Cameras
 - Camera Trailers
 - Body Worn Cameras
 - DPD, DFR, DMO
 - In Car Dash Cameras
 - Marked Dallas Police and Dallas Marshall Vehicles
 - Interview Rooms
 - DPD, DFR
 - Automated License Plate Reader (ALPR)
 - DPD



City Camera Usage Examples



Department	Use Case
Courts and Detention Services (CTS)	Fixed security cameras at City facilities
Dallas Animal Services (DAS)	Body-worn cameras for Animal Safety Officers
Code Compliance (CCS)	Trail-camera style surveillance cameras to capture video evidence of illegal dumping
Sanitation Services (SAN)	Vehicle cameras are installed on all road going units
Park and Recreation (PKR)	Park Ranger Unit using trail-camera style surveillance cameras in parks and trails
Department of Transportation (DOT)	Live stream cameras at 79 signalized intersections monitored in the DOT operations center
Public Works (PBW)	Piloting an unmanned aerial system project to collect imagery data



New Technology Implementation



FUSUS

- A Real-Time Crime Center Solution that connects Police Department (DPD) resources such as:
 - Fixed Cameras
 - Automatic License Plate Reader (ALPR) Data
 - Automatic Vehicle Location (AVL) Data
 - Computer Aided Dispatch (CAD) Data
 - In Car Dash Cameras video feeds
 - Body Worn Camera feeds
 - Other City facilities' camera systems
- By connecting all these systems into one system in the Dallas Police Fusion Center / Real Time Crime Center the Department's service delivery and safeguarding of the public becomes evolutionary.
- In events such as crime or a large events, real-time information will be relayed to responding public safety services, faster and accurate messaging within the City of Dallas government and to the public will be delivered and other needed city services will be timely organized and orchestrated



New Technology Implementation



FUSUS Continued

- Analytics included in the hardware provide added efficiencies to automatically search video data using specific criteria, negating the need for an officer to search all the data feeds manually.
- Additionally, the second phase will be connecting private businesses, and community members will also be able to purchase the same hardware from the vendor and connect their video feed to DPD as well.
- Procurement was approved by Dallas City Council on November 9th.
- DPD is working with ITS and OPS to develop an implementation timeline for FUSUS solution.



Next Steps



- Official Administrative Directive related to camera usage
- Citywide camera deployment/use strategy
- Centralized inventory of all deployed cameras
- Citywide camera support budget





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