



City of Dallas

Investigative Facial Recognition Technology Project Overview

**Public Safety Committee
May 13, 2024**

Major Stephen Williams
Dallas Police Department
City of Dallas



- Investigative Facial Recognition Technology
- Program Objectives
- Process and Overcoming Concerns
- Next Steps



Investigative Facial Recognition Technology Overview



- Investigative facial recognition technology is a means of ascertaining and confirming an individual's identity
- Utilizes open-source information as comparison images
- Employs artificial intelligence to identify/compare millions of images
- Used by police agencies across the country



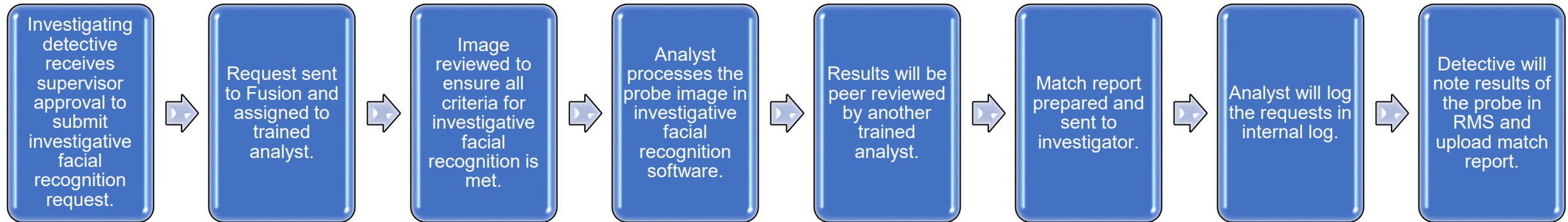
Program Objectives



- Provide investigative leads in violent offenses, imminent threats to public safety, and to assist in identification of deceased/incapacitated individuals
- Ensure that use of investigative facial recognition technology complies with all applicable and data security laws and that use holds residents' privacy rights and civil liberties in the highest regard
- Require high standards of training and peer review for investigative facial recognition technology usage
- Ensure transparent and thorough oversight of investigative facial recognition technology



Process



Overcoming Concerns



Concerns about inconsistencies in identification:

- Investigative facial recognition technology will not be used as a positive identification or as probable cause for arrest without additional corroboration/investigation
- Extensive 32-hour training of all analysts, with components around implicit bias and how to avoid misidentification.
- Peer review of all results is required.



Overcoming Concerns



Privacy concerns and data collection:

- Data collection is governed by 28 CFR Part 23 and program manager will oversee compliance



Overcoming Concerns



Implications related to free speech, freedom of assembly, freedom of religion:

- General order forbids use of investigative facial recognition technology for First Amendment activities; criminal predicate or public safety threat is required for all use
- Investigative facial recognition technology will not be leveraged to identify individuals on live feeds or during live-streamed events



Overcoming Concerns



Unintended consequences, including concerns that there will be an overreliance on video evidence:

- The general order makes clear that investigative facial recognition technology is only one element of investigative support that must be used in conjunction with additional corroboration and investigation





- Clearview AI is the current industry leader:
 - Achieved top ranking for accuracy in [rigorous National Institute of Standards and Technology testing](#)
 - Searches are quick and compare probe images with millions of scraped open-source images
 - Retains robust records of all searches with the application



Next Steps



- Implement DPD General Order related to investigative facial recognition technology
- Implementation of investigative facial recognition technology program management, oversight and reporting plan
- Training completion for all investigative facial recognition technology analysts





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