



Surveillance Impact Report

San Francisco International Airport
Security Cameras (Pre-Security Closed-Circuit Television)

As required by San Francisco Administrative Code, Section 19B, departments must submit a Surveillance Impact Report for each surveillance technology to the Committee on Information Technology ("COIT") and the Board of Supervisors.

The Surveillance Impact Report details the benefits, costs, and potential impacts associated with the Airport's use of surveillance cameras.

DESCRIPTION OF THE TECHNOLOGY

The Airport's mission is to provide an exceptional airport in service to our communities.

In line with its mission, the Airport shall use security cameras in its Closed-Circuit Television (CCTV) system only for the following authorized purposes:

Authorized Use(s):

1. Live monitoring.
2. Recording of video and images in the event of an incident.
3. Reviewing camera footage.
4. Providing video footage/images to law enforcement or other authorized persons following an incident, or upon request, when the footage is subject to disclosure pursuant to a Public Records Act request.

Prohibited use cases include any uses not stated in the Authorized Use Case section.

Further, processing of personal data revealing racial or ethnic origin, political opinions, religious or philosophical beliefs, trade union membership, gender, gender identity, disability status, or an individual person's sex life or sexual orientation, and the processing of genetic data and/or biometric data for the purpose of uniquely identifying an individual person shall be prohibited.

Airport technology may be deployed in the following locations, based on use case:

Inside terminal buildings (pre-security) and terminal curbs adjacent to Terminal roadways.

Surveillance Oversight Review Dates

COIT Review: March 18, 2021

Board of Supervisors Review: TBD

Technology Details

The following is a product description:

The Airport uses Verint Video Management Software (VMS) and, primarily, Pelco Analog and Digital Pan-Tilt-Zoom (PTZ) and fixed cameras.

A. How It Works

The primary function of the CCTV is to record live video feed of various areas of the Airport.

Data collected or processed by security cameras will be handled and stored by an outside provider or third-party vendor on an ongoing basis.

IMPACT ASSESSMENT

The impact assessment addresses the conditions for surveillance technology approval, as outlined by the Standards of Approval in San Francisco Administrative Code, Section 19B:

1. The benefits of the surveillance technology outweigh the costs.
2. The Airport's Policy safeguards civil liberties and civil rights.
3. The uses and deployments of the surveillance technology are not based upon discriminatory or viewpoint-based factors and do not have a disparate impact on any community or Protected Class.

The Airport's use of the surveillance technology is intended to support and benefit the residents of San Francisco while minimizing and mitigating all costs and potential civil rights and liberties impacts of residents.

A. Benefits

The Airport's use of Closed-Circuit Television (CCTV) has the following benefits for residents

- Education
- Community Development

X Health

Protect safety of staff, patrons, and facilities while promoting an open and welcoming environment.

- Environment

X Criminal Justice

Review video footage after a security incident; provide video evidence to law enforcement or the public upon request by formal process, order, or subpoena.

- Jobs
- Housing

- Other – Public Safety

The technology helps ensure the safety of the 49,000+ people who work at the Airport and the 58 million people (pre-COVID) who fly to and from SFO every year.

B. Civil Rights Impacts and Safeguards

The Airport has considered the potential impacts and has identified the technical, administrative, and physical protections as mitigating measures:

The Airport's use of CCTV is restricted to those identified Authorized Use Cases. The Airport retains CCTV footage for 1 year, consistent with state law. Video files are only released through subpoena, a public records act request, to assist law enforcement with an investigation and to assist Airport personnel in the investigation of claims.

Further, Airport Rules & Regulations and policies restrict use of CCTV. Airport personnel who monitor CCTV must maintain a current Airport badge and be trained in the proper use of cameras and footage. Contractors that handle and access video footage are required to execute a Corporate and Individual NDA.

Data is housed in servers located in secured areas that are only accessible by approved and badged employees. Cloud access to data is administered by Airport badged employees with access to cloud services that enables continuous monitoring of the Airport account activity.

C. Fiscal Analysis of Costs and Benefits

The Airport's use of surveillance cameras yields the following business and operations benefits:

Benefit	Description
X Financial Savings	Airport CCTV saves on salary costs for Airport staff and SFPD-AB patrol officers.
X Time Savings	Airport CCTV provides real-time feeds that run 24/7, thus eliminating lengthy physical surveillance of Airport facilities
X Staff Safety	Security cameras provide advance view of an incident to better prepare those responding to an incident.
X Data Quality	Security cameras run 24/7/365 which maximizes the Airport's ability to capture video of incidents. Video can be used to verify the accuracy of written reports regarding the incident.

The following provides the cost of operations funded by Airport revenues from airlines, concessions, and federal grants:

Number of FTE (new & existing)	Equivalent to 2.95 FTE Existing	
Classification	1041, Network Engineer - Asst.	20%
	1042, Network Engineer - Journey	20%
	1042, System Engineer - Journey	25%
	1043, Network Engineer - Senior	20%
	1043, System Engineer - Senior	10%
	1044, Network Engineer - Principal	15%
	1044, Network Engineer - Principal	20%
	1044, System Engineer - Principal	25%
	1070, IS Project Director	5%
	7308, Cable Splicer	20%
	7318, Electronic Maint Tech	100%
7318, Electronic Maint Tech	15%	
	Annual Cost	One-Time Cost
Total Salary & Fringe	Based on Feb 2021 Salaries ~ \$533,000	
Software	Combined in the Maint/Support cost. See below	Combined in the hardware cost
Hardware/Equipment		\$5,753,387
Professional Services		2 Juniper Network Resident Engineer: \$165,325
Training		
Other	Verint Video Mgmt System Maint/Support: \$213,333 G4S Integration Svc: \$152,000 BART CCTV VIDSYS View - Lic & Support: \$24,177	Construction: \$11,343,264 Incl. roadside infrastructure to incl. gantries and LPR
Total Cost	\$922,510	\$17,261,976

The Airport funds its use and maintenance of the surveillance technology through Airport Operating Funds, Capital Funds, and Federal Grants.

COMPARISON TO OTHER JURISDICTIONS

CCTV solutions are used by other governmental entities, including Airports, for similar purposes.

Appendix A: Crime Statistics

Department: Airport

Section 19B requires each department in their Surveillance Impact Report to respond to the following question if applicable, "the general location(s) [of the surveillance technology] may be deployed and crime statistics for any location(s)."

The Airport operates approximately 3,500 Security Cameras located in SFO Domestic Terminals, International Terminal, terminal curbsides, courtyards, and surrounding buildings on SFO campus.

The department maintained an internal incident log for 2020:

CATEGORY	# of Incidents	% of Incidents
Abandoned Property	1	1%
Assault & Battery	5	6%
Burglary	3	4%
Contempt of Court	1	1%
Controlled Substance	4	5%
Controlled Substance - Transport	24	29%
Criminal Threat	1	1%
Disorderly Conduct	1	1%
Disturbing the Peace	1	1%
Firearm	4	5%
Grand Theft	9	11%
Jaywalking	1	1%
Petty Theft	4	5%
Robbery	1	1%
Suicide Attempt	1	1%
Theft – Vehicle	3	4%
Traffic Accident	5	6%
Trespassing	7	8%
Vandalism	4	5%
Welfare & Institution	3	4%
TOTAL	83	