

Norwalk and San Pedro Station Screening Results & KPI Definitions

Norwalk Station

KPI	Definition	Goal	30-Day Avg (Pre-Deployment)	30-Day Avg (During Deployment)	Data Source
Weapons Arrests (Possession)	Number of arrests for possession of a weapon (gun or knife) detected during pilot deployments.	Decrease weapons arrests by 30%.	Less than 1 3 in the prior 12 months	0 0 during 60-day deployment	LAPD / LASD Data
Assault with Weapon (Gun/Knife)	Number of assaults involving a weapon occurring at screening locations.	Decrease assaults with a weapon by 30%.	Less than 1 1 in the prior 12 months	0 0 during 60-day deployment	LAPD / LASD Data
False Negatives	Incidents where a test weapon passes through the system undetected (the system fails to alert).	False negatives <1% occurrence.	Not Applicable	0.57% Per 4-hr Screening Deployment	Weapon System UI
Weapons Detected	Instances where the system alerts and a weapon is found during the secondary search.	Average number of weapons detected per screening period during 60-day deployment.	Not Applicable	4 Per 4-hr Screening Deployment	Weapon System UI
Transit Watch Incident Reports (Gun/Knife)	Number of gun/knife-related incident reports submitted via the Transit Watch app during the pilot period at the stations.	Decrease by 25%.	0.17 2 in the prior 12 months	0 0 during 60-day deployment	Transit Watch Admin Portal
Online Sentiment (Social Media)	Monitoring of social media posts/comments mentioning weapons detection at Metro facilities.	Decrease negative sentiment of public safety by 10%, measured at 60-day intervals after pilot initiation, compared to the 60 days before the pilot began.	0 0 in the prior 12 months	0 0 during 60-day deployment	AlphaVu Platform

San Pedro Station

KPI	Definition	Goal	30-Day Avg (Pre-Deployment)	30-Day Avg (During Deployment)	Data Source
Weapons Arrests (Possession)	Number of arrests for possession of a weapon (gun or knife) detected during pilot deployments.	Decrease weapons arrests by 30%.	Less than 1 1 in the prior 12 months	0	LAPD / LASD Data
Assault with Weapon (Gun/Knife)	Number of assaults involving a weapon occurring at screening locations.	Decrease assaults with a weapon by 30%.	0	Less than 1 1 during 60-day deployment	LAPD / LASD Data
False Negatives	Incidents where a test weapon passes through the system undetected (the system fails to alert).	False negatives <1% occurrence.	Not Applicable	.62% Per 4-hr Screening Deployment	Weapon System UI
Weapons Detected	Instances where the system alerts and a weapon is found during the secondary search.	Average number of weapons detected per screening period during 60-day deployment.	Not Applicable	3 Per 4-hr Screening Deployment	Weapon System UI
Transit Watch Incident Reports (Gun/Knife)	Number of gun/knife-related incident reports submitted via the Transit Watch app during the pilot period at the stations.	Decrease by 25%.	Less than 1 2 in the prior 12 months	0 0 during 60-day deployment	Transit Watch Admin Portal
Online Sentiment (Social Media)	Monitoring of social media posts/comments mentioning weapons detection at Metro facilities.	Sentiment of public safety by 10%, measured at 60-day intervals after pilot initiation, compared to the 60 days before the pilot began.	0 0 in the prior 12 months	0 0 during 60-day deployment	AlphaVu Platform

Notes:

The 30-Day Average for Weapons Arrests (Possession) and Assault with Weapon (Gun/Knife) represent the average number of incidents 12 months before ("Pre-Deployment") and during the weapons detection 60-day screening deployment, both normalized to give an average over 30 days for comparison.

The percentage in False Negatives indicates the daily rate at which the system failed to generate an alert of a firearm present during the hourly validation walkthrough conducted by an armed Transit Security Officer (TSO) and thus point to the observed likelihood that the system would not detect a firearm during passenger screening.

Weapons Detected is the average number of weapons observed during daily screening deployments over 30-days.

Similar to the first two KPIs, Transit Watch Incident Reports (Gun/Knife) and Online Sentiment (Social Media) represent the average number of incidents 12-months before ("Pre-Deployment") and during the weapons detection 60-day screening deployment, both normalized to give a daily average over 30 days for comparison..