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
	Number of arrests for possession of a weapon (gun or			0	
	knife) detected during pilot	Decrease weapons arrests by	Less than 1	0 during 60-day	
(Possession)	deployments.	30%.	3 in the prior 12 months	deployment	LAPD / LASD Data
Assault with	Number of assaults involving a			0	
Weapon	weapon occurring at screening	Decrease assaults with a	Less than 1	0 during 60-day	
(Gun/Knife)	locations.	weapon by 30%.	1 in the prior 12 months	deployment	LAPD / LASD Data
	Incidents where a test weapon passes through the system undetected (the system fails to	False negatives <1%		0.57% Per 4-hr Screening	
False Negatives	alert).	occurrence.	Not Applicable	Deployment	Weapon System UI
	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
	Number of gun/knife-related				
Transit Watch	incident reports submitted via			0	
Incident Reports	the Transit Watch app during		0.17	0 during 60-day	Transit Watch
(Gun/Knife)	the pilot period at the stations.	Decrease by 25%.	2 in the prior 12 months	deployment	Admin Portal
Online Sentiment	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
	Number of arrests for				
Weapons Arrests	possession of a weapon (gun or knife) detected during pilot	Doorogoo woonone arrosto	Less than 1		
(Possession)	, , , , , , , , , , , , , , , , , , , ,	Decrease weapons arrests by 30%.	1 in the prior 12 months	0	LAPD / LASD Data
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Assault with	Number of assaults involving			Less than 1	
Weapon	a weapon occurring at	Decrease assaults with a	0	1 during 60-day	
(Gun/Knife)	screening locations.	weapon by 30%.		deployment	LAPD / LASD Data
	Incidents where a test weapon			.62%	
	passes through the system			Per 4-hr	
	undetected (the system fails	False negatives <1%		Screening	Weapon System
False Negatives	to alert).	occurrence.	Not Applicable	Deployment	UI
		Average number of		3	
	Instances where the system	weapons detected per		Per 4-hr	
	alerts and a weapon is found	screening period during 60-		Screening	Weapon System
Weapons Detected	during the secondary search.	day deployment.	Not Applicable	Deployment	UI
	Number of gun/knife-related				
Transit Watch	incident reports submitted via			0	
Incident Reports	the Transit Watch app during		Less than 1	0 during 60-day	Transit Watch
(Gun/Knife)	the pilot period at the stations.	Decrease by 25%.	2 in the prior 12 months	deployment	Admin Portal
		sentiment of public safety			
		by 10%, measured at 60-			
	Monitoring of social media	day intervals after pilot		_	
Ouline Continuent	posts/comments mentioning	initiation, compared to the	•	0 4	
Online Sentiment (Social Media)	'	60 days before the pilot began.	0 in the prior 12 months	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..