

# ProGuard

## Real-Time Facial Advanced Surveillance and Identification System

- Active, real-time identification with cameras
- Reliable trail recording
- Not affected by superficial changes in appearances
- Unlimited watchlist size
- 24 hours fully automated with no human intervention

## ProGuard Components



**Cameras in ProGuard system**



**ProGuard detector**

ProGuard searches the field of view of a video camera for human faces. If there is a face in the view, it is detected within a second.



**ProGuard builder**

Converts every face detected into a faceprint.



**ProGuard matcher**

Comparison.



**ProGuard storage**

The newly acquired facial data is compared to the stored data and linked to at least one stored facial representation.

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## Why do we need ProGuard?

Combating crime and improving safety are of foremost importance in today's world. Reduced crime and heightened security will contribute to increased confidence among citizens, employees, passengers, industry and government.

## What is ProGuard?

- It adds automatic full time facial recognition, matching and active warning alerts to any new or existing surveillance system.
- It allows each camera to serve as a diligent observation point.
- It is empowered with advanced face recognition surveillance that incorporates computer intelligence to monitor faces and match those faces against a watch list face database.
- It can act as a modern new tool to identify potential threats to public safety by scanning facial images of individuals and match them with a database of faces containing known suspects in seconds.

## Applicable to security sites

- **Heightened Security in Public Areas**  
Airports, transportation centers, government facilities, schools, malls, stadiums, etc.
- **Law Enforcement**  
Investigations, immigration department, border crossings, etc.
- **Enterprise Security**  
Corporate offices, manufacturing and industrial facilities, health care, financial retail, gaming, entertainment venues, etc.

## Features/Functionalities and Benefits of the ProGuard Surveillance System

- **Face Detection**  
Finds and detects faces in field of view.
- **Template Creation**  
Creates unlimited number of templates or face records.
- **Matching**  
Compares the subject face against those stored in watchlist databases.  
Provides with well-categorized watchlists.
- **Trailing**  
Logs all faces (with important information) passing by in the history of the identified person's record.
- **Intelligent Alert**  
Notifying the security guard with the appropriate (positive or negative) alert when the passengers are in different watchlists.
- **High Degree of Scalability and High Availability**  
The system can be easily enhanced by providing more plug-n-play modular components.
- **High Accuracy**

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