

SAFE CITIES' iNet AFR

iNet is Safe Cities' sophisticated AFR module, developed entirely in-house.

The iNet Face Recognition software has two key functions :

1. Verification - comparing current image to a proposed match from the database to see if it collates.
2. Identification - comparing the current image to the entire database and looking for a match, to ascertain identity.

iNet's main use is for matching custody photographs against still image databases, but iNet also functions with CCTV (Closed-Circuit Television), CCDP (Closed-Circuit Digital Photography) and IIPS (Intelligent Internet Protocol Surveillance). It is a core component of the Safe Cities **SecureID** and **Total ID** product ranges.

SAFE CITIES' Total ID

Total ID is the combination of multiple biometric modules to identify suspects from live or archived video feeds.

Total ID™ allows an operator to identify a suspect in a CCTV feed and track the subject using optional modules including appearance tracking (clothes, hats, colour, texture), Walker (gait recognition), iNet face recognition, and EAR for ear recognition (which can be more accurate than face recognition given a clear ear image).

The system follows the suspect through a crowd, re-acquiring and tracking suspects across multiple CCTV/IIPS feeds.

TotalID is being developed as a completely modular tracking technology and as real-time DNA sampling via gateways/checkpoints, 3D Face Recognition and other technologies become available these will be released as modules in this comprehensive CCTV/IIPS tracking solution.

Safe Cities' Secure ID™ witness album software can be added to TotalID to provide instant extraction of witness albums from CCTV real-time feeds or archived footage.

"With the new (Safe Cities) digital database and iFact software, still covert ID parades can be compiled in minutes... The great benefit is that covert ID procedures can be carried out in a timely manner, increasing the prospect of a witness making a positive identification."

- Inspector Nick Verity, North Yorkshire Police, The Custodial Review, Issue 40, February 2006, p.43.



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