

Mobile Identification System for Law Enforcement

Problem: Identifying Individuals without IDs

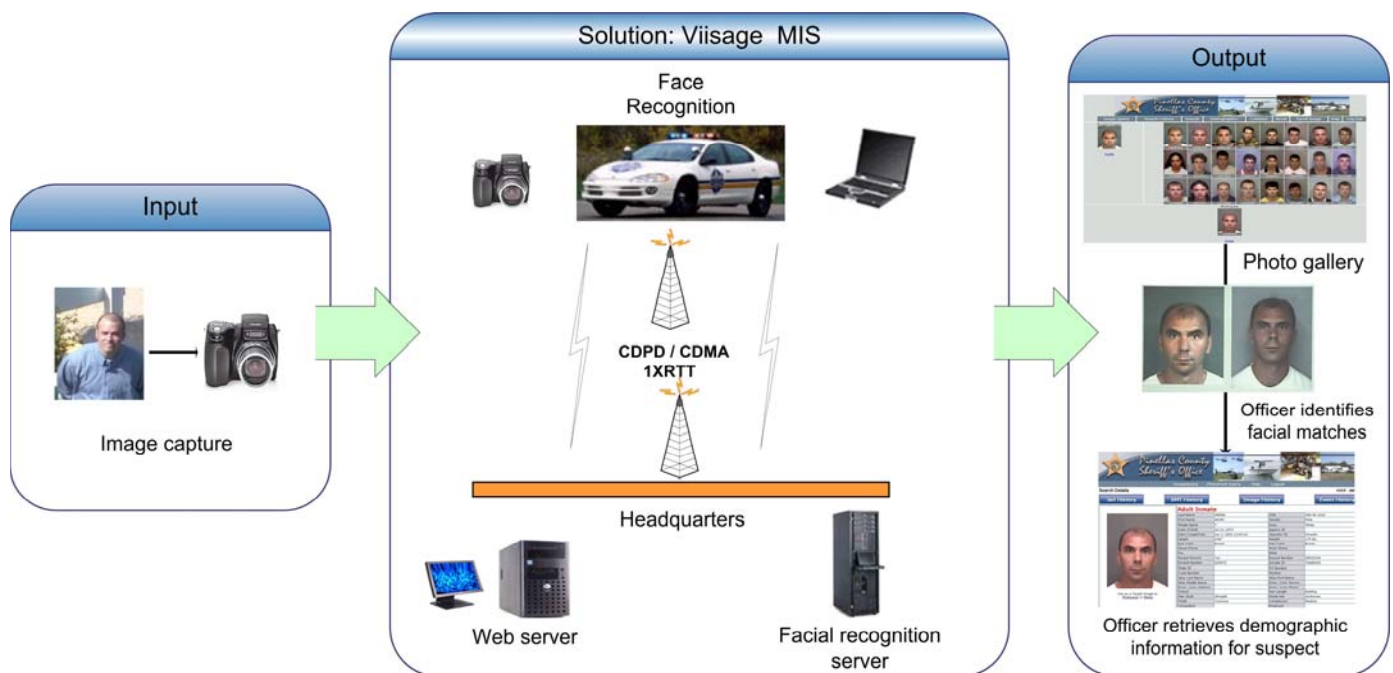
A significant number of law enforcement encounters occurs with individuals that lack acceptable identification. Law enforcement officers use their judgment and training in these instances to determine whether a suspect should be further questioned and investigated. Such situations create a tradeoff between remaining in the field and taking time out of the field, which may inconvenience innocent people in the effort to find the individuals with criminal records who are attempting to evade the law.

Solution: Viisage Mobile Identification System (MIS)

Combining face recognition and wireless technologies, Viisage's MIS is designed to provide deputies with the ability to verify an individual's identity in the field.

How the Solution Works?

- Law enforcement officer takes digital image of suspect with an off-the-shelf digital camera.
- He places the camera into a docking station within the patrol car or remote site and with the push of a single button transfers the image to the laptop.
- The image is then enrolled into the system for searching against the facial database.
- Viisage MIS downloads, saves, creates a facial image template, searches an image database, and returns a match gallery to the patrol car laptop with a single button click.
- The deputy identifies the facial matches returned from the search.
- The officer can then retrieve and compare demographic information for the individual such as names given in prior encounters with law enforcement.



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Case Study: Identifying Uncooperative Suspect

On September 11, 2004, Pinellas County Sheriff's Office (PCSO) deputies responding to a disturbance call found an uncooperative suspect who provided what turned out to be false name and date of birth, which made it impossible for deputies to identify

the suspect through traditional measures. Subsequently, the PCSO deputies used the Viisage MIS (Mobile Identification System), powered by the leading face recognition technology, to quickly identify the 27-year-old female, who was wanted on two felony warrants. Upon being confronted with the positive photo match, the suspect confessed to her true identity and was subsequently arrested and booked at the Pinellas County Jail.



"The positive identification of this fugitive is proof of the power of this system in helping with law enforcement and protecting the public," said Lt Jim Main of the PCSO.

Interoperability

The PCSO has partnered with other state and local agencies in Florida to maximize the effectiveness of the system. Agencies participating in the project include the Florida Department of Corrections, the Florida Department of Law Enforcement (FDLE), seven Florida Regional Terrorism Task Forces, the Hillsborough County Sheriff's Office, the Orange County Sheriff's Office and Miami-Dade, Broward, Leon and Duval counties.



Why Invest in MIS?

- Enhances officer's safety
- Saves officer's time
- Helps prevent false arrests
- Incorporates Face Recognition for reliable identification
- No special training required to use the system

Components

Software

- FaceEXPLORER
- MIS software
- Camera drive software
- Internet Explorer 6.0
- Windows® XP or Windows® 2000

Hardware

- Laptop PC
- Digital Camera
- Camera Docking station
- Wireless communication



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