

Web-based Biometric Driver Identification System

Bayometric, Griaule's partner for North America and India, worked for one of the largest cab companies in India, which operates a fleet of modern, air conditioned, GPS enabled vehicles throughout the country, with the objective to come up with a reliable and cost effective driver's personal identification solution.

Efficiency and high quality service standards are driving forces for the company in a competitive and regional based market. On the other hand, nationwide service providing can originate frauds during the identification procedures, since drivers could register themselves in different cities with false identities.

This situation could occur if a driver has registered in a city where he has been blacklisted for some legal reason and his permit is withdrawn. Due to the lack of personal identification control, he would go to another city and re register himself under a different identity.

This means compromise to company's customer security policies and possible image damage to the brand

and its market positioning.

Since company has registration centers in different parts of the country, it was necessary to know, during the registration procedure, if a driver has previously worked for the company

Customer Quote:

"We chose Griaule SDK to meet project's main goals. Griaule is one of the most accurate, fast & cost effective Fingerprint SDKs. It also readily supports most popular fingerprint scanners available in the market."

Danny Thakkar, CEO, Bayometric

or if he is currently registered, pulling up his past record.

Bayometric decided to implement a biometric identification based solution using Griaule SDK Fingerprint, in order to achieve project requirements: registration centers integration for data mining, single personal identification sign in, company's countrywide presence.

Resulting solution is a Web based Biometric Driver Identification system (WBDIS) whereby when a person comes to register, his fingerprint is taken and matched against an already existing central database located on the main server. If a match is found, the person's record is displayed.

If the person has been blacklisted, then a special alert is given to the user. This software was integrated with their existing CRM Software in order to avoid data duplication.

Due to company's plans of expansion, a fast database growth is expected and the application should be accurate enough to pull up the correct match and fast enough to fetch and display the results in few seconds.

The WBDIS is compatible with most fingerprint scanners available in the market, thereby giving to customer the flexibility to pick and change the brand of fingerprint scanners as per their satisfaction.

Needs

- Driver's personal identification integration countrywide.
- Adoption of a cost effective solution.
- Frauds risks reduction during personal identification procedures.

Benefits

- Efficient customer services countrywide.
- Customer's security
- High quality standards compliance countrywide.
- Frauds risk reduction.

Future Scenarios

- Ready to go Database growth path.

About Griaule Biometrics

Griaule fingerprint recognition software is the powerful technology behind thousands of biometric transactions made daily all over the world.

Whether it's used for time attendance or criminal investigation, we have the solution for large and small scale organizations. We are providing the means for the future of widespread and daily use of biometrics.

www.griaulebiometrics.com