

EL SALVADOR: SMART CARD BASED DRIVER'S LICENSE

The Challenge

El Salvador wanted to combat vehicle theft, illegal imports and identity theft, and reduce fraud related to fake documents by migrating from a paper-based vehicle registration and driver licensing system to an automated system that positively identifies and registers both drivers and vehicles moving around the country. The government sought to streamline, centralize and secure inefficient administrative procedures related to the release and cancellation of licenses and vehicle registration, and to manage the payment of fines and taxes.

The Solution

Through its systems integration business partner, Sertracen, Identix provided BioEngine® one-to-many fingerprint matching capabilities to a driver-population base of over one million. Identix® 500 dpi single fingerprint DFR® fingerprint readers were also installed at enrollment stations for fingerprint image capture. Upon enrollment, the fingerprint was captured and searched against the existing database to help ensure that no duplicate licenses were being issued. The driver's profile, including personal data, photo ID, thumbprint template and digital signature was then stored on a chip in the document. With all the necessary information on the card, traffic and police agents can verify identify of motorists by matching the stored data against the live person, using mobile units. This system helps not only to ensure the integrity of the driver license system, but also to reduce other crimes, which permeate from the availability of false documents.

The San Salvador drivers license system now has over 1.5 million drivers registered.

About BioEngine® Technology

Identix® BioEngine® technology is a minutiae-based algorithm that analyzes the fingerprint image for endings, splits and bifurcations in the ridge patterns. The strength of the BioEngine® algorithm comes from its ability to discern fingerprint images over an extended period of time. BioEngine® SDKs allow developers to create custom one-to-one verification and one-to-many identification applications, such as time and attendance, transaction verification, physical access, information security and ID programs. Identix® technology has issued more than 100 million BioEngine fingerprint templates around the world for various large-scale identification programs.

About Identix Incorporated

Identix Incorporated (Nasdaq:IDNX) is the world's leading multi-biometric technology company. Identix provides fingerprint, facial and skin biometric technologies, as well as systems, and critical system components that empower the identification of individuals in large-scale ID and ID management programs. The Company's offerings include live scan systems and services for biometric data capture, mobile systems for on-the-spot ID, and backend standards-based modules and software components for biometric matching and data mining. Identix products are used to conduct background checks, speed travel and commerce via secure identification documents, prevent identity fraud in large-scale government and civil ID programs, and control access to secure areas and networks. With a global network of partners, such as leading system integrators, defense prime contractors and OEMs, Identix serves a broad range of markets including government, law enforcement, gaming, finance, travel, transportation, corporate enterprise and healthcare.