

## **JUNTA CENTRAL ELECTORAL, DOMINICAN REPUBLIC: RESTORING FAITH IN THE ELECTORAL PROCESS**

### **The Challenge**

The *Junta Central Electoral* (JCE) registers Dominican voters and produces the official national ID cards. In the past, when issuing these cards, the JCE had to rely on paper records of births, deaths, and marriages maintained by the Civil Registry as proof of identity. This process leads to suspicions and allegations of voter fraud committed by individuals who allegedly obtained ID cards under fake or stolen identities.

Tired of allegations of cheating and fraud, the JCE announced in early 1999 modernization of the electoral process. The JCE promised a clean 2000 Presidential Election with the aid of an accurate voters' database. The database clean up required a biometric system to provide positive identification of its voters.

### **The Solution**

The JCE AFIS was one of the most ambitious national ID projects ever successfully conducted in Latin America. Under law, the system had to commence by the end of June 1998 and be complete well in advance of the May 2000 presidential election. During that time between 4 and 5 million citizens would be enrolled with photo, fingerprints and signature, and be issued new ID cards that contained the embedded biometric data. This required installation of 186 enrollment/issuance workstations at 121 sites, working two-shifts online with the central server. For this project, Identix provided its BioEngine® fingerprint technology for one-to-many searching to help ensure that duplicates were not enrolled. Two hundred DFR® 500 dpi single fingerprint readers were used at the enrollment stations for fingerprint image capture.

After 5 months of development and customization, the JCE AFIS began production in June 1998 at the central site and 9 branch offices in and around Santo Domingo. In accordance with the project plan, operations then extended to regional offices as JCE provided power and networking at those sites. By the end of 1998 all 121 JCE offices were in operation. Ultimately a total of 4.2 million citizens registered and received their ID cards in time to vote for the May 16, 2000 Presidential Election.

Today, the system is fully operational and proved a success once again in the last presidential elections held in May 2004.

### **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.