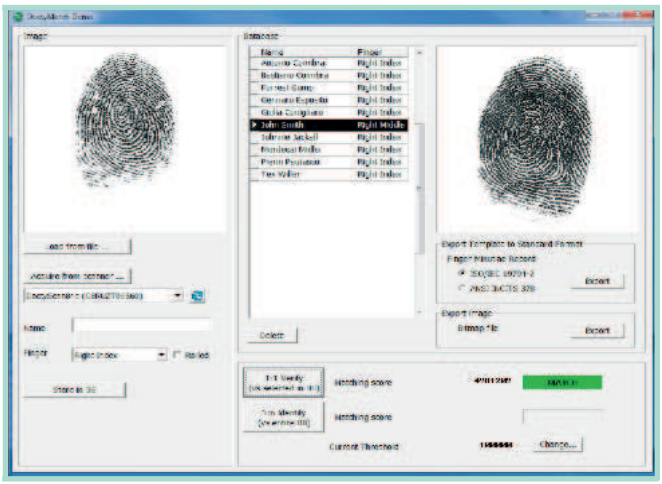
DactyMatch

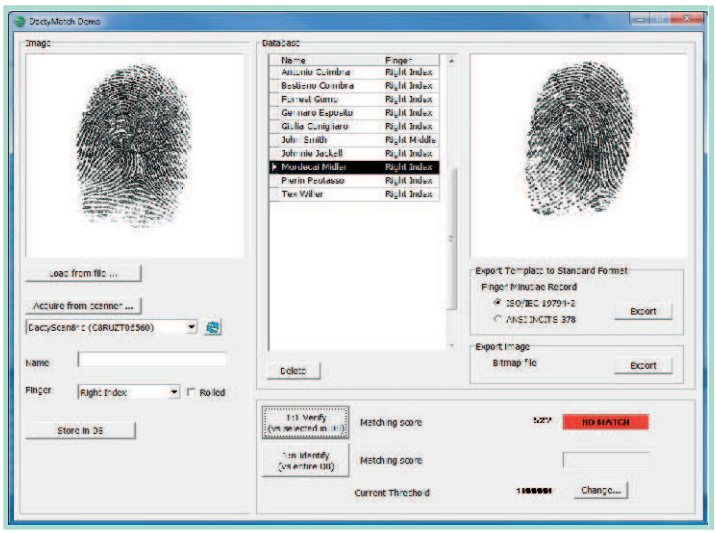
GREEN BIT
BIOMETRIC SYSTEMS

DACTYMATCH™ CONTAINS ALL NECESSARY FUNCTIONS TO PERFORM FINGERPRINT IMAGE RECOGNITION IN BOTH VERIFICATION AND IDENTIFICATION CIVIL-ID SCENARIOS USING GREEN BIT PROPRIETARY FINGERPRINT TEMPLATES AND/OR ISO TEMPLATES. THE OPERATIONAL PERFORMANCE OF DACTYMATCH™ CAN BE TUNED IN ACCORDANCE WITH SPECIFIC APPLICATION REQUIREMENTS. DACTYMATCH™ SUPPORTS ISO/IEC AND INCITS AND CAN BE USED TO BUILD NEW DATABASES OR TO INTERACT WITH LEGACY OPEN-STANDARD DATABASES.



- Fast and accurate search and match capability: verification (1:1) and identification (1: N)
- Rolled and flat multi-fingerprints matching
- Support for ISO 19794-2 and INCTS 378 formats
- NIST MINEX certified

- Available as MULTIPLATFORM SDK (Win, Linux, Android)
- Available for Green Bit LiveScan and other devices
- Cost-efficient and free on line customer support



HOW IT WORKS

ENROLLMENT

- Acquisition of several fingerprint images using Green Bit scanners or other FBI certified scanners.
- Multiple images merging.
- Unique template generation.

VERIFICATION

- Single fingerprint image acquisition and real time template generation.
- 1:1 matching verification of the generated template with the stored one.

IDENTIFICATION

- Single fingerprint image acquisition and real time template generation.
- 1:n matching verification of the generated template with all stored templates.

TECHNICAL DATA

TEMPLATE ENCODING	Proprietary and ISO 19794-2 / INCITS 378
MATCHING ALGORITHM	Proprietary and Bozorth
PROGRAMMING LANGUAGES	Standard C interface, NET wrappers, Java wrappers
STANDARD COMPLIANCE	NIST MINEX
SUPPORTED PLATFORM	Microsoft Windows up to Win10 in 32-bit and 64-bit configuration Linux Ubuntu and Fedora distributions in 32-bit and 64-bit configuration Android ver 4.x, 5.x, 6.x on ARM 32

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