



BIMS

Biometric Identity Management System

- ♀ A multi-modal, multi-functional, uniquely configurable mobile biometric identity management solution
- ♀ Engineered to deliver a faultless user experience with accuracy and compliancy, without compromising security and privacy
- ♀ Backed by an intelligent API for easy solution development and integration into any back-end system
- ♀ Enabling agile, rapid roll-out of advanced biometric based Identification solutions

A single digital base of trust with unparalleled security, interoperability and compliance is the foundation for progressive development. BIMS is a powerful biometric device specifically designed as a versatile, mobile solution for Governments, Law Enforcement Agencies and projects operating inhouse or in unforgiving and rural environments. It seamlessly combines fingerprint, facial, iris, palm vein, voice and signature for enrolment and registration purposes with a multitude of communication

options to securely upload transactions to a central register. The integrated contacted / contactless card readers and barcode scanner bridge the gap between digital and legacy systems. The POS printer provides a paper-based audit trail. Using BIMS, identity issuers can rapidly deploy digital identities ensuring authenticity and uniqueness, whilst enabling customers to freely interact with smart services. All along conserving a formal relationship of liability and trust.



- ♀ A single device with all the relevant biometric modalities to facilitate and experience smart identification and digital services.
- ♀ Ensuring a faultless enrollment experience, based on precise and responsive data input that guarantees accuracy and compliancy.
- ♀ Multi-functional to facilitate a world class election, maintain sovereignty at borders and/or securely facilitate e-Government transactions.
- ♀ Optimised with intelligent power management software to perfectly meet all expectations of sometimes strenuous operating environments.
- ♀ Fully configurable for any campaign using the powerful API to create a memorable experience in the workflow whether in kiosk mode or operator assisted.
- ♀ Seamlessly integrate into existing legacy systems with the highest level of data protection assurance.
- ♀ Equipped with the latest technologies that effortlessly benefit from the connected world to securely transact with back-end systems.
- ♀ Data that is fully secured and encrypted using industry leading algorithms. Every transaction can be backed with paper proof of the transaction.

-  Dual FBI Appendix F, PIV, Mobile ID FAP45 Certified multi-fingerprint scanners using LES technology for highest quality images.
-  ICAO compliant 5Megapixel auto-focus camera for facial capture at optimum capture distance.
-  Superior iris camera with auto-capture, NIST-proven image quality and extremely accurate iris matching algorithms.
-  Near-infrared PalmSecure sensor for accurate palm vein enrollment.
-  Integrated omnidirectional audio recorder with G.711 a-Law 8Khz audio output for compatibility to most voice biometric solutions.
-  Digital signature pad with up to 4D coordinates (X, Y, pressure and time) to offer the highest possible proof of authenticity.
-  A fast and accurate imaging device for bar-code and OCR reading for instant capture of coded information.
-  Dual 10.1" touch screens (operator and customer side) with resolutions up to 1280 x 800 pixel for crisp information display.
-  Backlit keyboard (80 keys) with integrated touchpad on operator side for easy data input.
-  Reliable and fast 3" thermal printer with auto-cut function providing paper based proof of transaction.
-  Contacted and contactless smart card readers supporting various protocols in security-, payment- and secure identity solutions.
-  WiFi IEEE 802.11x Connectivity on both 2,4 GHz and 5GHz frequencies.
-  2G and 3G data connectivity with maximum speeds of up to 21,6 MBits/second.
-  Bluetooth™ 4.0 enabling secure Bluetooth connections.
-  One IEEE 802.3 port for wired connections.
-  GPS positioning to provide pin point location based information.
-  State of the art hardware encryption module supporting DES, 3DES and AES algorithms, with anti-tamper protection.
-  Secure storage for up to 10,000* offline transactions.

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smart identification

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