

IDENTIFICATION

MORPHO INTEGRATOR'S KIT

DEVELOPMENT KIT FOR INTEGRATORS

TO INTERFACE PC BASED APPLICATIONS WITH MORPHO'S BIOMETRIC TECHNOLOGY



Optimization of portrait and fingerprint acquisition

Card encoding for multiple technologies

Accurate recognition

Complete terminal management

Microsoft® Visual Studio® and .Net development environments

Choice of licence options

Compatible with a range of FBI PIV IQS or BSI TR-PDÜ certified terminals

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Morpho Integrator's Kit (MIK) is a software development kit which enables our partners to embed easily the best of Morpho's technology into their own access solutions.

It offers a set of ready-to-integrate components for enrollment (using MorphoSmart™ sensors), portrait acquisition, card encoding, user recognition and management of MorphoAccess® terminals.

ENROLLMENT

Getting the best image quality when recording two fingerprints in the access control/time & attendance database, so as to increase recognition performance and reduce recognition time.

- On all MorphoSmart™ devices (packaged sensors and OEM modules)
- **Quality at enrollment:**
Morpho sensors were the first to obtain FBI PIV IQS certification. Fingerprint quality mark is given at each capture
- **Wide range of fingerprint image and template formats:**
RAW, BMP, JPEG and WSQ-compressed (Wavelet Scalar Quantization) images.
ISO 19794-2, ANSI/INCITS 378 standard templates and Morpho proprietary ones

CARD ENCODING

Encoding contactless smartcards with users' templates.

- **Simplicity:** ready-to-use functionality
- **Versatility:** supports MIFARE™, DESFire® and iCLASS® technologies

PORTRAIT

Taking portraits of users.

- Enables the development of ICAO compliant enrollment stations

- **Simplicity:** easy-to-use, ergonomic
- **Flexibility:** works with all Windows® compatible webcams and most Canon cameras (Canon EOS 450D, Power Shot SX 100, G9, S5 IS, etc.)

RECOGNITION

Identifying / verifying the identity of users.

- **Authentication:** with PIN code or card and fingerprint
- **Identification:** identity of a person compared with internal or external database
- **Security:** security threshold can be selected according to the required False Acceptance Rate

TERMINALS MANAGEMENT

Providing an efficient solution to manage all MorphoAccess® biometric terminals.

- **Simplicity:** ready-to-use functionality
- **Multiple applications:**
Create, add and delete users
Save logs to integrate them to an access control system
Control all terminal outputs (Wiegand, Data Clock, TCP/IP, RS 422/485)

License	FUNCTION				
		Image capture	Authentication one-to-one matching	Identification one-to-many matching	Detects duplicate records at enrollment
VERIF	Morpho™ fingerprint PC application	Yes	Yes	No	No
IDENTLITE		Yes	Yes	1 to 5 000	Yes
IDENT10K		Yes	Yes	1 to 10 000	Yes
IDENTPLUS		Yes	Yes	1 to 20 000	Yes
MORPHOPAK	Enables users' portrait acquisition				
MACI (MorphoAccess® Communication Interface)	To configure / send records to MorphoAccess® terminals and collect reports				

Morpho

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