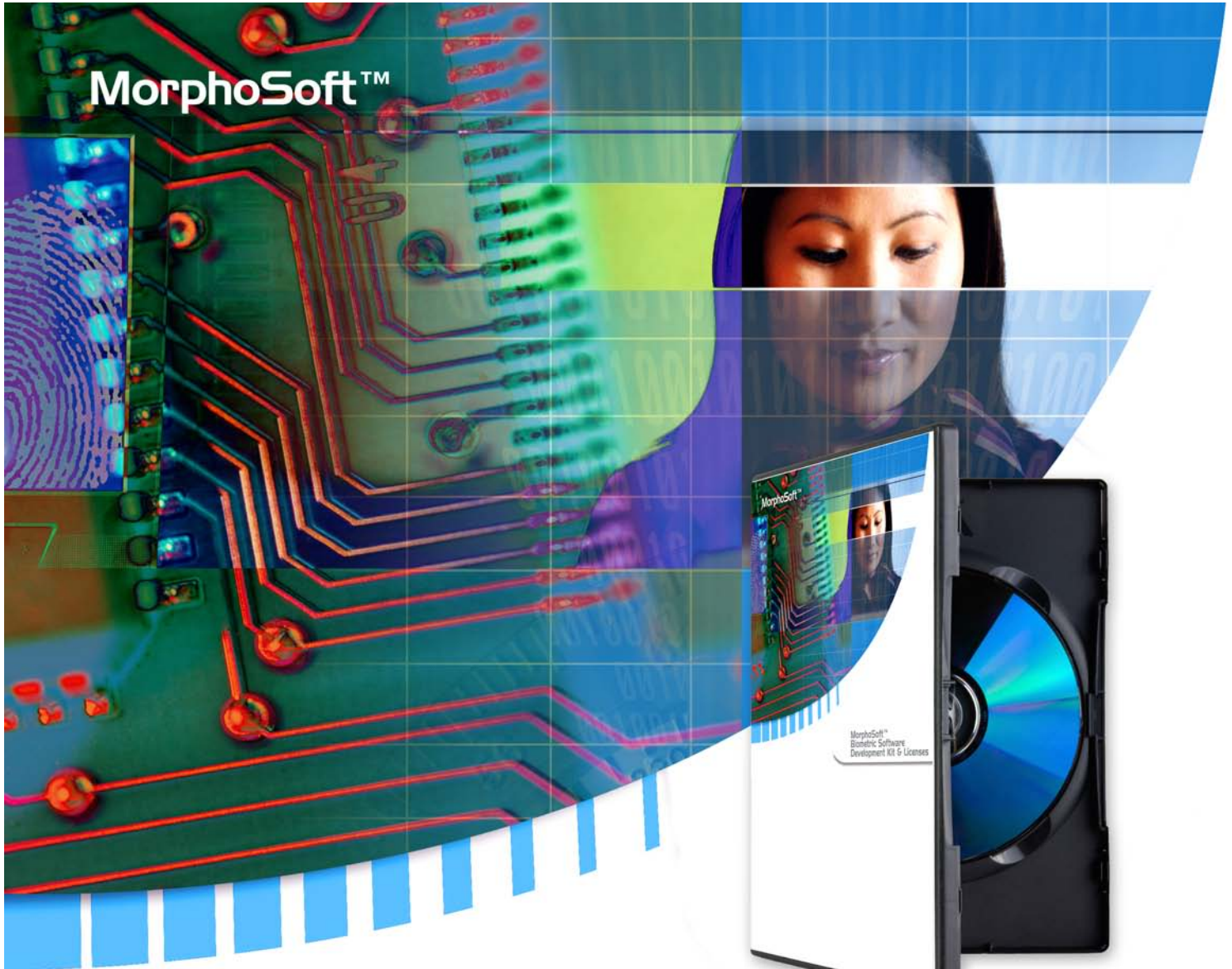


MorphoSoft™



## MorphoSoft™ Biometric Software Development Kit & Licenses

*Fingerprint capture,  
authentication & identification  
for custom PC applications*

- BioAPI certified
- Image acquisition and biometric encoding
- 1:1 authentication and 1:many identification
- Enrollment, database management and transaction control
- Microsoft® Visual C++ development environment
- Software Development Kit
- Choice of License Options



[www.morphotrak.com](http://www.morphotrak.com)



**MorphoTrak**  
SAFRAN Group



# MorphoSoft™

## Biometric Software Development Kit & Licenses

Fingerprint capture, authentication & identification for custom PC applications

MorphoSoft™ is a BioAPI-certified Software Development Kit (SDK) based on industry-standard Microsoft® Visual C++, and used in Morpho brand PC applications. MorphoSoft enables you to add MorphoTrak's proven fingerprint technology known worldwide for speed and accuracy to PC-based applications for fingerprint capture, 1:1 authentication, and 1:many identification. It includes image acquisition, biometric encoding and matching libraries combined with local database management and transaction control to design, build, customize, test, and certify biometric identification without altering existing database

structures or communications protocols. MorphoSoft uses either USB or parallel software license managers for biometric encoding, matching, and designating database size. For 1:1 authentication, MorphoSoft matches a scanned fingerprint against a token (e.g., a record ID, PIN, contactless smart card, etc.) provided by the application to verify identity. 1:many identification does not require a token, but matches a scanned fingerprint against all local records in a fingerprint database. MorphoSoft is a powerful tool for increasing security and protecting assets with biometric technology.

License Manager	Function				Application
	Image Capture	Authentication 1:1 matching with a token	Identification 1:Many matching	Detects Duplicate Records at Enrollment	
Acquisition	Yes	No	No	No	Morpho fingerprint PC applications
Verif	Yes	Yes	No	No	
Identlite	Yes	Yes	1:3,000	Yes	
IdentPlus	Yes	Yes	1:20,000	Yes	
Civil	Yes	Yes	No	No	Morpho civil AFIS applications
Wavelet Scalar Quatization (WSQ)	Optional	Optional	Optional	Optional	FBI-certified compression algorithm for image retention and transfer

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