



Morpho® Enrollment Kit for ActiveX® Platforms

- Compatible with ActiveX® platforms ■
- Integrates easily into enrollment applications ■
- Includes the MorphoSmart™ Optic 300 Biometric Terminal ■
- Provides the highest quality fingerprint acquisition ■
- Controls fingerprint quality thresholds ■
- Detects and rejects poor quality fingerprints ■
- Provides 1:1 authentication against consolidated templates ■
- Returns fingerprint data to the enrollment application ■
- Includes a USB or parallel software license manager for biometric encoding and matching ■



*ActiveX® fingerprint
enrollment for physical
access control*


Biometrics in Action

 **Sagem Morpho Inc.**
SAFRAN Group

Morpho® Enrollment Kit for ActiveX® Platforms

ActiveX® fingerprint enrollment for physical access control

The Morpho® Enrollment Kit for ActiveX® Platforms is a developer-friendly enrollment solution that integrates easily into existing enrollment applications requiring high-quality fingerprint capture. Included is an efficient, easy-to-use enrollment control, a MorphoSmart™ Optic 300 Biometric Terminal, and a USB or parallel software license manager to enable biometric encoding and matching. Software integration is conveniently handled through ActiveX® controls which capture and process two fingerprints per person, and detect and reject poor fingerprint images for quality assurance. By returning fingerprint data back to the host, the application can then write the data to a database, file, or contactless security card. The Morpho® Enrollment Kit for ActiveX® Platforms provides a convenient, time- and money-saving way to add biometric technology to any development environment supporting ActiveX® controls.



Functional Specifications

- Captures 2, 3, or 4 images each of 2 fingerprints
- Encodes and consolidates the fingerprint data
- Enables an administrator to control fingerprint quality thresholds
- Detects and rejects poor quality fingerprints
- Provides 1:1 authentication against consolidated templates
- Returns fingerprint data to the enrollment application

Technical Specifications

MorphoSmart™ Optic 300 Biometric Terminal

Fingerprint Sensor

- Scanner: High quality optical sensor
- Resolution: 500 dpi at 256-bit grayscale (416 X 416 pixels)
- Platen Area: 0.9 in x 0.9 in (2.4 cm x 2.4 cm)
- Distortion: < 1.0%

Biometric Functions

- MSO300: Fingerprint capture and encoding for 1:1 authentication

Mechanical

- Length: 3.6 in (9.1 cm)
- Width: 3.1 in (8.0 cm)
- Height: 2.3 in (5.9 cm)
- Weight: 10.0 oz (284 g PC-ABS)
14.3 oz (405 g metal)
- Housing: PC-ABS or metal

Interfaces

- User Interface: Two LEDs
- MSO300: USB

Environment

- Operating Temperature: 32° F to 104° F (0° C to 40° C)
- Storage Temperature: -4° F to 158° F (-20° C to 70° C)

Power

- MSO300: < 2.5 W via USB

Minimum System Requirements

Morpho® Enrollment Kit for ActiveX® Platforms

Hardware

- Pentium® III, 500 MHz or above (866 MHz recommended)
- 128 MB RAM or above (256 MB recommended)
- One available USB or parallel port for 1:1 biometric encoding and matching
- One available USB port (for the MorphoSmart™ Optic 300 Biometric Terminal)
- Display resolution 1024 x 768 (minimum)

Operating System

- Microsoft® Windows® 2000 Professional or Server and Windows® XP
- Development environment that supports ActiveX® controls

Features and specifications
are subject to change
without notice.

OEM may need
to re-certify
final product.



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