



SAGEM MORPHOACCESS™ ENROLMENT & MANAGEMENT SYSTEM



PHYSICAL ACCESS CONTROL •

PLUG & PLAY SOLUTION FOR EXISTING
ACCESS CONTROL SYSTEM •

CLIENT/SERVER ARCHITECTURE •

STANDALONE OR NETWORKED CONNECTION •

1:1 AUTHENTICATION & 1:N IDENTIFICATION •

CONTACTLESS CARD •

*Fingerprint Identification
Solution for
Physical Access Control*

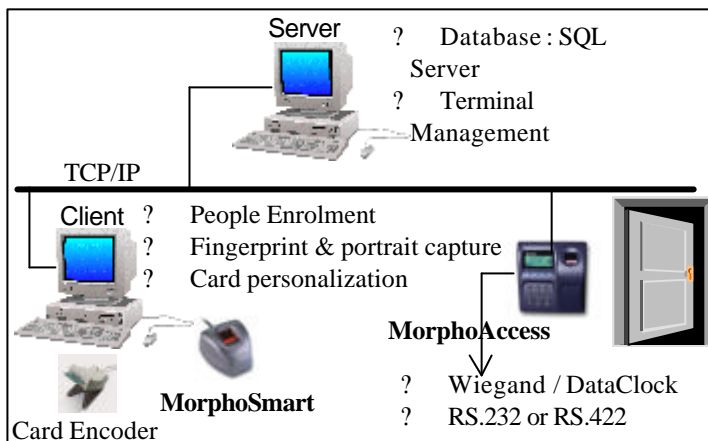
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Most physical access security systems in use today are based upon tokens such as magnetic cards, identification numbers, and proximity cards. These tokens, because of their inability to detect false acceptance, are sources for frequent security breaches. People can enter these systems with someone else's token.

Some physical access control systems now try to reduce this fraud thanks to the usage of biometric technologies e.g. automated techniques that are designed to verify or identify people based on their physical characteristics

The MorphoAccess? Enrolment and Management System (MEMS) offers the possibility to plug at low cost, in an existing physical access control system, a biometric solution with very few modifications. This system can also operate stand alone when no access control system is available. MEMS relies on MorphoAccess? terminals, a wide range of physical access control devices capable to recognize your fingerprints. All MorphoAccess? terminals offer standard communication interfaces compatible with existing access control systems: Wiegand, DataClock, RS.232, RS.422 or TCP/IP.

MEMS is based on a client/server architecture which provides the ability to centralize the management of the database and to dispatch the enrolment process to the clients. This system also controls the MorphoAccess? which are connected to it, generates reports on people's passage. It synchronizes the MorphoAccess? database with the central database according to the user groups defined thus allowing the terminal to perform alone even if the server is not accessible. MEMS can be easily customized by the administrator and configured in order to work in identification, authentication mode or both. When the MEMS is configured in identification mode no card or token is needed and the access is just granted after the recognition of your finger. In verification mode, a contactless card can be used to convey all the credentials needed by the terminal: Biometric data, Identification number, Access rights etc...



MEMS Key Features

- Database : Microsoft Access or SQL server
- Client/server mode available with SQL server
- Administrator and operator right management
- MorphoAccess terminals management: Database synchronization with the server, Log retrieval
- Multiple Terminal Groups management
- People passage are logged in dedicated file. These Logs includes all the data required for time & attendance application.
- Report generation
- Remote Fingerprint Enrolment thanks to the MorphoSmart 100 fingerprint sensor and the client/server architecture
- Ability to set the image quality threshold and false acceptance rate
- Duplicate search at the enrolment in order to avoid multiple identify referring to the same individual
- Card personalization
- MIFARE Card encoding (When some MorphoAccess terminals are used in authentication mode)
- Portrait capture
- Access Control according to time zone

Technical specifications

- ⚡ Depending on the configuration chosen MEMS integrates several software components :
 - Active MorphoKit™ – a set of software components which perform all the biometric functions necessary for People Enrolment (fingerprint image acquisition and template extraction), Image compression, Fingerprint verification or identification.
 - MorphoAccess™ Command Interface – a software component dedicated to the control of the MorphoAccess and database synchronization.
 - MorphoImaging™ – a software component dedicated to the portrait capture (acquisition and image enhancement)
 - Card Management – a software component dedicated to the personalization and the printing of cards

All these components are also available for VARs or integrators who want to develop their own application or integrate this technology in their existing system. Please contact SAGEM if you are interested.

System requirements:

- Pentium II 500MHz, 128 MB of RAM
- Ethernet Network, USB connection
- Microsoft? Windows? 2000 or XP OS

Terminal requirements:

- MorphoSmart 100 : USB fingerprint reader
- MorphoAccess Physical access terminal range

	MA200	MA220	MA300
Proximity	No	MIFARE	No
Database	800	NA	48K

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