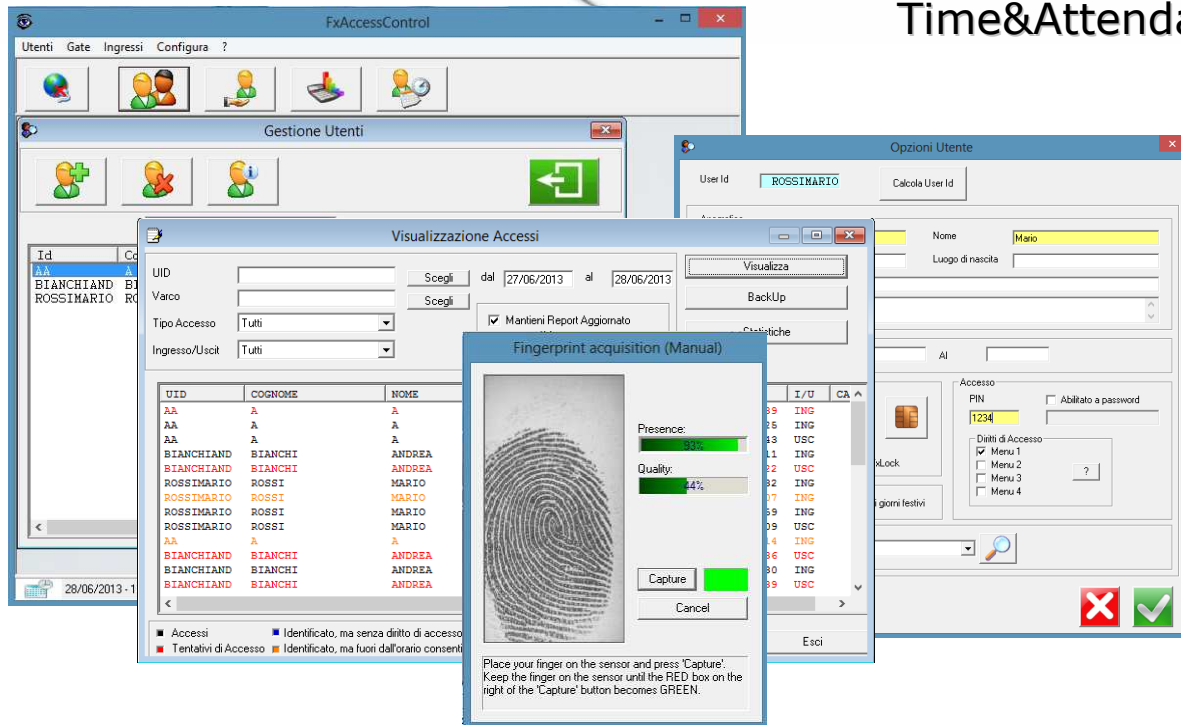


FxAccessControl

Access control and
Time&Attendance



Technical specifications

FxAccessControl is an end-user application for fingerprint-based access control and time&attendance. It is based on the FxGate architecture, that has been developed by Biometrika for the centralized management of a network of FxLock units. FxAccessControl features include: user enrollment, user activation (or deactivation) on the terminals, time bands and time profiles, download of the access records, definition of T&A rules, etc.



User Management

- Access using fingerprint, RF card or password
- Time profile and non-working day management

Access Right Management

- Access Right and Alarm management
- "Anti-robbery users" and "not-recognized user" signals

Access Record Management

- Download of access records in different formats
- Accesses Statistics

System Management

- Remote Configuration of the system and update of FxLock terminals

FxGate Architecture

- Enables the management of different FxLock units
- Highest security of data, thanks to a dynamic keys encryption system

System

- OS: Windows XP/Vista/7/8
- Interface: TCP/IP



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FxGate Architecture

FxAccessControl is based on the FxGate system, that is a flexible and scalable architecture that enables the management of a network of FxLock terminals, the remote configuration for effective monitoring of the entire system. All data in transit over the network is encrypted with 128-bit session keys.

User management

FxAccessControl centralizes the enrollment of the users and the management of their biometric features. For each user, it is possible to set user-specific parameters, such as the similarity threshold that has to be exceeded in order to gain access.

Time bands

FxAccessControl enables the creation of different time-band profiles. At registration time, each user is associated to a time-band profile, thus defining his/her temporal access permissions.

T&A events

T&A events are configurable and can be personalized. In a time&attendance system, each identified user is asked to specify the event related to his/her transit.

Alarm management

FxLock units can be programmed to manage alarms. FxAccessControl enables the specification of user rights for alarm management (activation/deactivation).

Card-Readers management

FxAccessControl can manage smart card (or proximity) readers installed inside the FxLock units. A smart card can be used to store the user PIN (to avoid typing it on the keyboard) or the PIN + the fingerprint template (to avoid a centralized user database).

System monitoring and control

The state of every FxLock unit (network connection, biometric scanner state, parameters) can be monitored through FxAccessControl. It is also possible to remotely configure the main FxLock parameters.

Access data export

FxAccessControl enables the exportation of data in several formats (txt, MS Excel, MS Access). In this way, Access records can be further elaborated

RS 232 or TCP/IP

FxGate architecture supports RS232 and TCP/IP protocols.

Windows O.S.

FxAccessControl runs on Windows XP/Vista/7/8.

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