



Nowadays, the most common authentication methods are based on usernames and passwords: this forces almost every user to remember a lot of information.

Password Bank is a Biometric Single Sign-On solution that fully exploits the Fx3100 features (storage, match on board and cryptography). Password Bank provides a safe way for storing pairs of usernames and passwords inside the Fx3100 scanner or inside a smart card.

When an application (or web site) requires a username and password, Password Bank recognizes the application profile and, after having verified the user's fingerprint, it automatically fills the username and password fields.

Technical specifications

Fingerprint scanners

- Fx3100 and Fx3100 SC

Features

- Biometric Single Sign-On, no more passwords to remember
- Easy to use and hotkey
- Total security of data (nothing stored on the PC!)
- Smart card support
- Different authentication options

Operating system

- Windows XP/Vista/7/8

Development

- Software development kit (SDK) available for integration in third party applications.



Password Bank

Single Sign-On

No more passwords

Password Bank is a Biometric Single Sign-On application that replaces the traditional username and password authentication with a fast and safe fingerprint recognition. Hundreds of usernames and passwords, for many different uses (applications, web sites, etc.), can be secured in the password archive stored inside an Fx3100 or on a Smart Card (but not in the PC!).

Easy to use

For every application or website that requires authentication, the user has to write his/her username and password only the first time. Later on, the user will be simply asked to put his/her finger on the scanner, and, if verified, Password Bank will automatically fill the username and password fields.

HotKey e AutoType

Instead of writing a username and password, the user has to just press a hotkey combination (for example Ctrl+F8) to proceed with the fingerprint verification. Once the fingerprint is verified, Password Bank automatically fills the username and password fields with the authentication data required by the application.

Total protection of critical data

The cryptographic capabilities of Fx3100 allow the total protection of the password archive. The archive is encrypted and stored inside the Fx3100. Once a fingerprint is verified (this operation is performed inside the scanner thanks to its Match on Board capabilities), Fx3100 decrypts only the required password and sends it to the PC.

Smart Card support

It is also possible to store the password archive on a Smart Card. In this way the maximum level of privacy protection, security and portability is granted: in fact the user can always carry the password archive with them and can use it on any computer equipped with an Fx3100 SC.

Different Protection Methods

A more traditional protection methods is also available: the password archive can be protected using a password. This authentication method can be used together with or in place of the fingerprint verification.

Software Developer Kit (SDK)

Password Bank has been developed using a library specifically designed to take advantage of Fx3100 Single Sign-On functionalities. This library can be used to integrate "Password Bank" functionalities in third party applications.

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