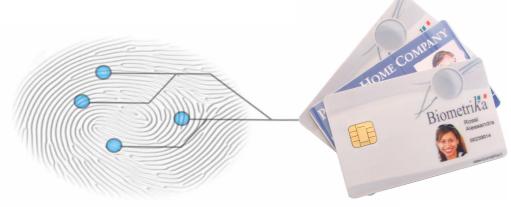
Biometrika

PKCS#11 SDK

Custom Solution

Fx3000 and Smart Card as a single Biometric enabled cryptographic token



Biometrika PKCS#11 solution consists of the combination of the **Fx3000** scanner and a Smart Card. This combination acts as a single biometric enabled cryptographic token: a token that can be activated by fingerprint recognition. PKCS#11 library enables full application interoperability with minimum development efforts and enables the use of both traditional and biometric cryptographic tokens. Biometrics represent a natural solution for all applications where strong authentication is required. While Match On Card technology is still not reliable enough (there are no independent tests about the reliability of those systems), Match on Board technology, such the one of Fx3000, enables high reliability and security of biometric information. Obviously, PKCS#11 is strongly dependent on the type of Smart Card used; therefore PKCS#11 has to be considered as a custom solution that must be adapted to a specific Smart Card technology

Features and Advantages

Easy to use

- No passwords to remember
- Enables the management of different passwords for different applications
- No critical data stored on the PC

Security of the biometric information

 Smart Card technology and "state of the art" cryptographic algorithms enable the total protection and security of the fingerprint template

Application Interoperability

- Minimum development effort thanks to the standard interface
- Enables the use of both traditional and biometric cryptographic tokens

Interface and Development

- Standard Programming interface for the maximum application interoperability
- Supports all main programming languages (C, C++, VB6, VB.Net, Java,..)
- Operating Systems: Windows 98/NT/2000/XP