## ID All in One through USB Token

The USB stick offers a multi-functional token with highly safe biometric authentication by ComBiom. A webcam is sufficient for recording; the webcam can be connected up to the USB stick, if not installed on site. The plug-in type RFID SIMcard enables physical access control and logical access control in one token. When authenticated correctly by means of ComBiom, the following is enabled on the computer: Windows Logon, Single Sign On, Disk and Data Encryption and rights and/or token management. All in One = everybody at every PC with total safety.

Highly safe authentication with ComBiom (Communication Biometrics)

The logical access with ComBiom is very safe for the user and at the same time it is very easy to handle simultaneously applying the four biometrics: Face, voice, lip movement and word recognition. The user is shown four randomly selected figures on the screen which he reads aloud successively. For each figure, the webcam registers a video and audio file, which the ComBiom software converts into biometric templates. They are compared to the reference templates which have been registered during the original enrollment. The reference templates can be saved in a safe environment on the server as well as on the

stick in encrypted form. Given four figures to be read,

4   6   7   9

━━ 16 Prozesse
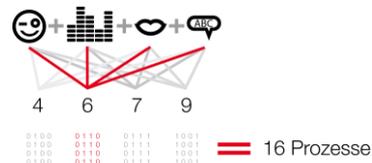
this results in sixteen biometric authentication processes. If there is no webcam on the PC (desktop without USB rights), it can be connected up to the USB stick directly.

Physical Access Control

By integrating the RFID technology, the identity of a user can be easily verified at a door. Subsequently, only a camera is required to verify the face biometrically. For sensitive areas ComBiom can be used here as well.

Windows and Network Logon Service

The log-on to a Windows system is possible by plugging in the USB stick; no passwords have to be entered, learnt off by heart or verified - the access control is ensured by ComBiom; the user only reads four figures aloud.

Single Sign On (SSO)

For the user Single Sign On (SSO) means that after a one-time authentication he/she has access to all computers, services and passwords, he/she is authorized to, without having to log-on anew every time. The annoying passwords are no longer required which increases the safety considerably at the same time.

Disk and Data Encryption

After the user has been authenticated by ComBiom, he/she can safely encrypt files and categories.

Encrypted files are stored locally, on the server or on an Internet platform as well as on the stick itself. For a maximum of safety, the encryption can be carried out in stacks of up to 8 times = 2,048 bit. Archiving is carried out as in a normal hard-disk partition so that direct access, copying, et cetera is possible without intermediate storage.

Token Manager Service (TMS)

For larger companies this permits an easy and safe control of all tokens issued rendering all appertaining rights. All data are saved to a central database which automatically synchronizes all changes, saves them in an event log and which are executed remotely on the stick as well by using the push technology. This also enables the easy reset of a blocked stick or wiping of a stick lost.

BIOMETRY.com Ag in short

Biometry.com AG is a high-tech security company head-quartered in Switzerland that offers secure and easily usable biometric authentications. A multimodal product as well as the individual application of certain modes results in an all-in-one software. This enables the most varied applications to protect the personal identity of people and their property. The algorithms used are known worldwide which ensures absolute Security and Comfort.

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