



#### Access control (mPBA)

anthacrypto uses a PreBoot access control system (PBA-PreBoot Authentication), launched before the operating system comes in. This control is able to ask for a validation key and allow a secure user system log in.

Different methods are available

- Numerical PIN
- Picture PIN
- Hand user signature
- Biometrical fingerprint recognition

**System requirements**  
Memory 1Mb  
Disk space 128  
Microsoft ActiveSync

#### anthacrypto

anthacrypto makes it possible to program the device to act in a specific way, such as blocking the PDA or destroying the information, in the event of unauthorized access.

Not only does anthacrypto provide a security level for using the device, but it also has a specific interface for administering passwords, enabling the user to establish different passwords for using the device, depending on whether they access it directly using the PDA or from a PC through ActiveSync.

The user can also encrypt and decrypt confidential files which, therefore, cannot be accessed by any other person in the event of theft, loss or improper use of the device.

#### Confidentiality: Transparent and automatical information encryption

After user system authentication, any memory contents as operating system, data or other software elements will remain raw encrypted from a physical point of view, preventing any loose or theft risk.

External plug in devices will be raw encrypted as well, providing a safe information transmission way through memory cards or network devices.

The encryption process runs under a driver / filter system, down the operating system. As there are no encryption tools up to the user that may lead to encryption/unencryption decisions, the system is designed to be the unique decisor with rights to run these tasks. As a consequence, this security system guarantees a customized device behavior according with the IT department designed policies.

#### Mobile Operating Security System Framework. Logical folder and file encryption

anthacrypto is the main module in charge of encryption and access control of anthacrypto.

One of the key features of anthacrypto, is to offer a logical PDA file encryption, with a friendly-easy-to-use interface, that may present full transport protection for sensible information.

