



## BeCrypt PDA Protect™

Comprehensive Security Solution for Windows Mobile 5.0



The BeCrypt PDA Protect Module will:

- transparently encrypt all data on removable SD and Compact Flash memory cards
- enforce Secured Synchronisation by restricting connection to authorised users or workstations

- Compatible with handheld devices running Microsoft PocketPC, PocketPC 2002, PocketPC 2003, Windows Mobile for PocketPC 2003, Windows Mobile 5.0 and Windows Mobile 5.0 with AKU2
- Enforces strong authentication; allows the administrator to define a custom password policy as part of the installation process
- Transparently encrypts all data on removable SD and Compact Flash memory cards
- Enforces Secured Synchronization by restricting connection to authorized users or workstations

Internal data security threats are no longer just an IT issue, but a business survival issue



## The BeCrypt PDA Protect™:

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- BeCrypt Protect Manager™
- BeCrypt Removable Media Module™
- BeCrypt DISK Protect™
- BeCrypt Connect Protect™

## Product Features

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- May be configured to 'secure wipe' all data in circumstances that may indicate loss or theft (not supported by Windows Mobile 5.0)
- Allows the administrator to build custom security policies
- Permits recovery after password failure using the Device Recovery feature, which allows the user to regain access without exposing his or her original password

## The Way It Works

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### Windows Mobile 5.0 support

PDA Protect 4.1 integrates with Microsoft Direct Push and the Messaging Security & Feature Pack (MSFP via AKU2.x), providing protection for sensitive data on PDAs used for messaging and for related business applications.

### Installation options

PDA Protect may be configured on a PC then installed on individual PDAs; rolled out to multiple PDAs via a pre-configured Installation Package; or directly installed on the PDA (typically by the user) from a CAB file.

### Strong authentication

The user is authenticated by password every time the PDA is switched on. If the password is repeatedly entered incorrectly, PDA Protect remains locked to secure the data. Passwords may be chosen by the user (in compliance with the policy set during installation) or generated using an embedded password generator (which provides a strong 9-character password).

### Device recovery

The Device Recovery feature allows an authorized user (with the aid of an administrator) to unlock the PDA if they have forgotten their password.

## Memory card encryption

PDA Protect transparently encrypts all data on removable Secure Digital and Compact Flash memory cards. If an encrypted memory card is inserted into another device, the card appears to be unformatted and the data cannot be accessed.

## Secured synchronisation

To prevent the unauthorized transfer of data, PDA Protect may be configured to restrict synchronization by user, machine or custom association. If restricted by user, the PDA can connect to any computer (running PDA Protect) provided the user associated with the PDA is logged on; if restricted by machine, the PDA can only connect to the computer used during installation; if restricted by custom association, the PDA can connect to any PC configured with the same Custom Identifier.

## Feature control

PDA Protect may be configured to disable high-risk features such as Bluetooth or WiFi. PDA Protect 4.1

## Secure Wipe

PDA Protect secures volatile memory by user authentication, and may be configured to erase its contents following repeated password failure or if the PDA is switched on after having been left unused for a certain number of days—both circumstances that may indicate that the device has been lost or stolen. (Secure wipe is not supported by Windows Mobile 5.0).

## Modules

### BeCrypt Protect Manager™

Centralized security management and auditing functionality for the enterprise.

### BeCrypt DISK Protect™

Full disk encryption solution with strong pre-boot authentication and comprehensive removable media protection. Combines UK government-approved technology with additional features for business users.

### BeCrypt Removable Media Module™

Cost effective encryption of data on removable storage devices such as USB thumb drives and SD Cards.

### BeCrypt Connect Protect™

Port Controller for desktop and laptop PCs manages access to Plug and Play devices.

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## Access Denied Systems, Inc.

10764 Indian Head Industrial Blvd.  
St. Louis, Missouri 63132-1102  
Phone: (314) 890-8566 Fax: (314) 890-9949  
[www.accessdeniedsystems.com](http://www.accessdeniedsystems.com)