



## Aiko SecuBox



### SecuBox encryption vs Window Mobile 6x encryption: Comparison table

Every Windows Mobile 6.1/6.0 device comes with the inbuilt storage card encryption facility. However, should the device be hard reset, the encryption keys required to access the encrypted information will be permanently lost. This means that all confidential information that has been securely stored on the card will no longer be accessible.

**SecuBox does not have this limitation.** It allows to create multiple secure zones in the device memory or on the media cards, protected with strong AES 256-bit encryption - without any risk of losing keys to confidential data.

	Windows Mobile default encryption	SecuBox encryption
OS Supported	Windows Mobile 6.0/6.1	Secubox for Pocket PC: <ul style="list-style-type: none"> <li>• Windows Mobile 6.1/6.0 Professional/ Classic</li> <li>• Windows Mobile 5.0 for Pocket PC Phone Edition/Pocket PC</li> <li>• Windows Mobile 2002/2003/2003SE/2005</li> <li>• Windows CE 3.0/4.0/4.1/4.2/5.0/5.2</li> <li>• Handheld PC 2000 (Windows CE 3.0)</li> <li>• Pocket PC 2000/2002/2003/Phone Edition</li> </ul> Secubox for Smartphone: <ul style="list-style-type: none"> <li>• Windows Mobile 6.1/6.0 Standard</li> <li>• Windows Mobile 5.0 Smartphone</li> <li>• Windows Mobile 2003 Second Edition Smartphone/2003 Smartphone</li> <li>• Smartphone 2002</li> </ul>
Encryption algorithm	AES 128-bit	<b>AES 256-bit</b>
Encryption key backup	No (the user loses all encryption keys upon device hard reset)	<b>Yes</b>
Hidden containers	No	<b>Yes</b>
Command line support	No	<b>Yes</b>

Device independent	No	Yes
Quick hide/dismount	No	Yes
Hide/dismount on timeout	No	Yes
Data wiping	Yes, remote wipe	Yes, local
Multiple secure areas	No	Yes
System tray menu	No	Yes

## How SecuBox Protects Data:

SecuBox creates an encrypted volume that looks and feels like another Windows Mobile storage card. Data encryption happens automatically - files are encrypted on-the-fly when they are written to the encrypted card, and decrypted when read from the card.

Encryption key backup, file wiping compliant with the U.S. DoD 5220.22-M specifications, command line support and many other features will satisfy corporate environments and more demanding users.

## Key Features:

- Advanced Encryption Standard (AES 256-bit algorithm)
- Key generated from user-entered pass phrase (using SHA 512-bit algorithm)
- Secure “wipe file” functionality irretrievably deletes data.
- Command-line for integration into batch processes

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For more information about SecuBox visit:

<http://www.aikosolutions.com/products/>

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