



## SAFENET PROTECTDRIVE V8.1.1

### Product Description

SafeNet ProtectDrive is a software product that provides protection of sensitive information on laptops and workstations. Protection is provided through pre-boot authentication and access control of peripheral devices combined with storage device encryption that is transparent to the user.

### Scope of Evaluation

The scope of the Common Criteria (CC) evaluation included the following functionality:

- Encryption of storage devices using the algorithms: 3DES 112-bit, AES 128-bit, AES 192-bit and AES 256-bit
- Access control of I/O devices
- Identification and Authentication
- Token authentication
- Secure administration

If an Australian Government agency is considering using the ProtectDrive product then they need to be aware that the following functionality was not included as part of the evaluation:

- Encryption of storage devices using the algorithms: DES 56-bit and IDEA 128-bit
- Server components

Refer to the ProtectDrive certification report for the product's evaluated configuration and for recommendations regarding Australian and New Zealand Government users.

### Common Criteria Certification Summary

The product has met the requirements of the Common Criteria evaluation assurance level to EAL 4.

### DSD's Cryptographic Evaluation

Because the product employs cryptography, DSD performed a cryptographic evaluation on the product in addition to the Common Criteria certification.

## Recommendations

In order for the product to operate in a fashion that is as secure as possible, DSD provides the following guidance with regard to its usage when reducing the storage and handling requirements of classified data-at-rest:

- Users of the ProtectDrive v8.1.1 product **MUST** implement password-based user authentication and not the token-based mechanism.
- Users **SHOULD** select passwords of suitable length and type as the cryptographic strength of the ProtectDrive product is ultimately limited by the complexity of the user password. Passwords **SHOULD** be of length at least 12 characters with the requirement that the characters be drawn from upper case letters, lower case letters, number and punctuation characters.
- The ProtectDrive v8.1.1 product **SHOULD** be configured to use AES with larger key sizes being preferable to smaller key sizes.
- The “Diagnostic Disk” **MUST** be stored and handled as per the requirements for the classification of the data and should be stored separately to the installed product.

The ProtectDrive v8.1.1 product has been evaluated to EAL 4. As such, it can be used to reduce the storage and handling requirements of the following information from:

- IN-CONFIDENCE to UNCLASSIFIED;
- RESTRICTED to UNCLASSIFIED;
- PROTECTED to UNCLASSIFIED; and
- HIGHLY PROTECTED to UNCLASSIFIED.

## Point of Contact

For further information regarding the certification of this product, or compliance with ACSI 33, please contact DSD on (02) 6265 0197 or email [assist@dsd.gov.au](mailto:assist@dsd.gov.au).

## ISM

The advice given in this document is in accordance with the ISM release date 2008. Australian Government agencies are reminded to check the latest release of ISM at [www.dsd.gov.au/library/infosec/lism.html](http://www.dsd.gov.au/library/infosec/lism.html) to investigate if any changes have taken place.

## Date of this Consumer Guide

This Consumer Guide was issued by DSD on 16 March 2009.