


KROLL ONTRACK®

CCTM IA CLAIMS DOCUMENT (ICD) Kroll Ontrack

Ontrack Eraser Degausser
Version 3

VENDOR DETAILS	TEST LABORATORY DETAILS
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CCTM Application Reference Number	V045/0001
CCTM Maintenance Application only	Not applicable
ICD Reference Number	KRST-CD-0001
ICD Version Number	1.1
ICD Date	28 August 2009
ICD Author	John Walker

CERTIFICATE DETAILS	
CCTM Certificate Number	2009/09/0055
CCTM Awarded on	25 th September 2009
CCTM Award Expires on	24 th September 2010
ICD Issue Date	25 th September 2009

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1 INTRODUCTION

1.1 Background

This document outlines the IA claims made by Kroll Ontrack in regard to the suitability of Ontrack Eraser Degausser for use by the UK Public Sector for secure sanitisation of computer hard disk drives and other magnetic data storage media.

1.2 Objectives

The objectives of this document are to enable testing and certification under the CCT mark scheme.

1.3 Purpose of Document

1.3.1 This document is the ICD for Ontrack Eraser Degausser

1.3.2 This ICD is the baseline document for the CCTM Claims Test of Ontrack Eraser Degausser.

1.4 Structure

The structure of this ICD is as follows:

- Section 1 (this section) contains the introductory material.
- Section 2 contains the description of functionality of Ontrack Eraser Degausser and all the information related to the security of Ontrack Eraser Degausser.
- Section 3 details the security functionality claims that are being made.

2 IS PRODUCT DESCRIPTION

2.1 Product Identification

Product Name: Ontrack Eraser Degausser

Version: 3

Platforms: Not applicable

2.2 Product Overview

The product is a degausser which can be used to erase data from magnetic storage media. The operating principle is simple: a high intensity magnetic field re-orientates the magnetic domains in the media which are used to store the data. Once the magnetic field pattern written to the media is subjected to the field, the data is erased. The magnetic field is generated by a high flux coil within the unit.

2.2.1 Security architecture

The product is not microprocessor controlled so there is no security architecture.

2.2.2 Hardware requirements

There are no hardware requirements beyond the equipment itself. It is self-contained except that it requires a normal power outlet.

2.2.3 Software requirements

Not applicable.

2.2.4 Out of Scope

Most magnetic data storage media is within scope and may be erased on this product. Exceptions may include non-standard media. For example, most hard disk drives are housed in an aluminium casing. If a steel casing is used that might shield the disk platters within from the degaussing field, then the media would be considered out of scope. There is no commonly used media known to fall into this category. Data media not reliant on magnetic storage technologies, such as CD or DVD disks, are out of scope.

If the media is protectively marked, it may only be considered unclassified after degaussing if the original media was marked up to and including IL3 (restricted). Media with a higher protective marking, IL4 or above, will not have its protective marking reduced after degaussing.

2.3 Usage assumptions

2.3.1 Assets

2.3.1.1 Hard disk drives

This includes all hard disk drives commercially available for data storage.

2.3.1.2 Other magnetic data storage media

Floppy disk drives, Zip drives and data storage tape media (such as LTO) are included.

2.3.2 Threat scenario

Threats to assets which are countered are:

- Theft or unauthorised disclosure of stored personal data at Restricted or below
- Theft or unauthorised disclosure of stored operational data
- Theft or unauthorised disclosure of stored client/customer/user data

2.3.2.1 Expected operational environment

The product may be used in an office environment and treated in a similar manner to a large shredder or printer. However, it is recommended that people reliant on sensitive electrical equipment for medical reasons, such as a pacemaker, do not use this equipment or be within 2 metres of the equipment when it is in use. The measured external magnetic field is minimal and is unlikely to cause damage to other equipment or accidental erasure to nearby media. However, caution should be taken and it may prove safer not to site other equipment within 2 meters of the degausser product.

2.3.2.2 Organisational security policies

The service helps customers to comply with security policies related to, for example, ISO 27001.

2.3.2.3 Security requirements on the environment

If the data owner requires a secure environment then this must be provided in compliance with their security policy.

3 CCTM CLAIMS FOR THE IS PRODUCT OR SERVICE

3.1 Claims Statements

Unique Reference	Claims Statements
1	The Ontrack Eraser Degausser 3 product will erase all data on magnetic storage media.
2	Media protectively marked as Restricted may be treated as not protectively marked if processed on the Ontrack Eraser Degausser 3.0. The product meets ¹ the CESG Lower Level Degaussing Standard as set down in IS(5).
3	The product is easy to use and is suitable for a standard office environment.

3.2 Existing assurance certificates

None

3.3 Test Approach

The test approach generally is that used to test products to the CESG Lower Level Degaussing standard. The tests will all be carried out at the test laboratory using a current production model of the product under test. The specific tests are:

Claim 1

The tester will obtain a current production model of the Ontrack Eraser Degausser product and use it to erase the media for which it is specified. The test specifics are detailed in the CESG Lower Level Degaussing standard and require that new media² are loaded with data, degaussed as instructed in the product manual and tested using a keyboard attack to see whether any data remains. If no data remains, or the media is unreadable, the claim is upheld.

¹ At the time of writing, the device has not been tested under the Lower Level Degaussing Standard, but as meeting the Standard is part of the CCTM test requirements, the anticipation is that the device will meet the standard if the tests are successful and only then will the ICD be posted on the CESG website.

² New media is specified to comply with the requirements of the CESG Lower Level Degaussing Standard. This ensures that media of the highest commercially available coercivity is used in the tests and ensures that media up to the generation used in the tests is covered. Later generations of media that use higher coercivity than the test media will be considered out of scope. Current coercivity ratings for hard disk drives are 5000 Oersted.

Claim 2

The tester will check that the equipment is certified as meeting the CESH Lower Level Degaussing Standard. In meeting this standard, media labelled as Restricted or below is deemed unclassified, or not protectively marked, after degaussing.

Claim 3

The tester will obtain a current production model of the Ontrack Eraser Degausser product and use in the test laboratory to ensure its ease of use in a standard office environment. The claim will be upheld if:

- The instructions for its use are clear and easy to follow
- A standard 13A socket is all that is required for power
- The space and general environment required is similar to that expected for a large office printer

ANNEX A GLOSSARY OF TERMS

Term	Meaning
CESG	Communications Electronics Security Group
HDD	Hard Disk Drive
ICD	Information Assurance Claims Document
LTO	Linear tape open (magnetic tape media)

ANNEX B MARKETING STATEMENT TO BE USED (IF THE CLAIM IS SUCCESSFUL)

Kroll Ontrack, the global leader in the provision of data management solutions offers one of the world's most powerful degaussers; Ontrack Degausser 3.0.

Generating a 10.000 gauss strong magnetic field in the media centre and a peak value of 18.000 gauss, the technology adheres to stringent international standards, including those used by the US and UK military authorities.

Ontrack Degausser 3.0 erases 100% of all commercially available magnetic media. This solution is part of the Kroll Ontrack Eraser family, providing effective confidential and secure erasure solutions for all storage media, including PCs, servers and smartphones.

Features include: diagnosis mode, remote control, logic control, no batteries, 1KW (110-220V, 50-50 Hz), full performance display options.

For further information please call +44 (0) 1372 741 999, email license@krollontrack.com, or visit <http://www.krollontrack.co.uk/erasure-solutions/>