



CCTM TEST REPORT SUMMARY

Euro-Recycling Ltd

**Onsite and WEEE Directive Compliant Service for Secure
Destruction of Data and Recycling of I.T. Equipment**

Version 1

Period of Assessment October 2008-September 2009

VENDOR DETAILS	TEST LABORATORY DETAILS
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Further details about the claims tested are included in [ICD] - published on the CCTM website (www.cctmark.gov.uk).

1 EXECUTIVE SUMMARY

Scope of IS Service Claims Tests

Service Name: Onsite and WEEE Directive Compliant Service for Secure Destruction of Data and Recycling of I.T. Equipment

Version: 1

Period of Assessment: December 2008 - November 2009

There are several aspects of the service which may be chosen by clients from a menu. These are, in summary:

- Data overwriting using either Blancco or Kroll overwriting. Both these products are certified by CESG under Infosec Standard 5 at the higher level, [Cert1], [Cert2] and are considered capable of overwriting data up to IL6 (top secret).
- Degaussing of magnetic media including hard disk drives (HDDs), data tapes and other media used to store data magnetically using products that are certified by CESG under IS5. Two degaussers are available, one approved at the lower level degaussing standard for data up to IL3. A second degausser is available that has been tested at the higher level and is approved for degaussing media with data up to IL6 (top secret)¹.
- Destruction of all media by shredding. This includes HDDs, Data Tapes, optical media such as CDs and DVDs, mobile phones, PDAs, and Radios.
- Secure transport of media and the resulting waste after processing. This allows either on-site destruction at the client site or secure transport of still classified material to Euro-Recycling's secure destruction facility.
- Full auditing of all media to provide a reference for future needs for evidence of compliance with data protection laws
- Full compliance with WEEE recycling regulations and certification for the client showing that all obligations have been met

Test Results

The CCTM Claims Testing of the IS Service Onsite and WEEE Directive Compliant Service for Secure Destruction of Data and Recycling of I.T.

¹ The equipment used may be approved for destruction of data up to IL6 but the CCTM service is not approved for data above IL3. Media containing data at IL4 and above is considered out of scope for this service.

Equipment, Version 1, period of assessment December 2008 to November 2009, by SiVenture, concluded that the security functionality claims made within the IA Claims Document [ICD] are valid.

Observations and Recommendations

The option for shredding of media should only be used in conjunction with degaussing and/or overwriting if protectively marked media is involved.

While tools and techniques used in the delivery of this service may be approved for media at higher impact levels, the service as a whole is limited, as is all CCTM services, to destroy data up to and including IL3.

2 CCTM TEST OVERVIEW

Introduction

This Test Report documents the results of the CCTM Claims Tests of the IS Service as detailed in [ICD].

Scope of IS Service Claims Tests

Sections 2.1-2.2 of [ICD] describe the scope of the IS Service to be Claims Tested. The Test Laboratory confirmed this to be accurate for the IS Service tested.

Sections 2.2 and 2.3 of [ICD] summarise the security features, environmental assumptions, expected operational environment, operational security issues and threats, and platforms.

Section 2.2.4 of [ICD] details the security features of Onsite and WEEE Directive Compliant Service for Secure Destruction of Data and Recycling of I.T. Equipment, Version 1 that were not tested under the CCTM Scheme.

In particular, the cryptographic algorithms used in IS Products and Services are not tested under the CCTM Scheme.

Section 3.1 of [ICD] specifies the CCTM Claims Tests performed by the Test Laboratory on the IS Service.

Location and Date of Tests

Section 3.3 of [ICD] details the location where the Test Laboratory conducted Claims Testing and where witness testing was undertaken.

The start and end dates of Claims Testing were as follows: 6 November 2009 – 17 November 2009.

Test Configuration

The service is not primarily a software service and makes this section not applicable. The use of software elements such as Blancco and Kroll Overwriting is not under the direct control of customers.

Test Method

The *Onsite and WEEE Directive Compliant Service for Secure Destruction of Data and Recycling of I.T. Equipment, Version 1* was tested using the Test Method [TLG] against the security claims made in the [ICD]. Section 3.3 in [ICD] identifies the Test Method for the Claims Tests carried out by the Test Laboratory.

IS Service Claims concerning procedures, performance and user aspects over the period of assessment were validated as follows:

- Observing a test of the service at the test laboratory
- Questioning clients of the service about their experiences
- Examining the procedure process documented by the service provider

3 EASE OF USE

Administrators should note that no problems were found either by the test laboratory or by customers (in responses to questionnaires). The service was easy to order, and was delivered as expected at the specified date and time.

4 QUALITY OF USER AND ADMINISTRATION DOCUMENTATION

The Euro-Recycling website (<http://euro-recycling.co.uk/secure-data-destruction.php>) provides guidance on the use of the service including how to order the service, certificates for elements of the service and details of choices the customer should make and their applicability to the impact levels of the data to be destroyed.

5 RESISTANCE TO PUBLICLY KNOWN VULNERABILITIES

A search for publicly known vulnerabilities on a sample of security websites failed to yield any known weakness in the security of the IS Service. In addition, a search for publicly known vulnerabilities failed to yield any known weakness in the underlying platform that could not be patched in the test configuration.

6 VALIDATION OF EXISTING ASSURANCE CERTIFICATES

The Test Laboratory confirms that the existing assurance certificates specified in [ICD] have been validated for the exact version of the IS Product/Service that has been Claims Tested. The certificates were correctly stated in [ICD].

7 DISCLAIMERS

CCTM Claims Testing is not a guarantee of freedom from security vulnerabilities. There remains a probability that exploitable security vulnerabilities may exist in the IS Service, or the IT environment supporting the IS Service.

This Test Report Summary serves solely to summarise the results of testing carried out for the CCTM Scheme and is not an endorsement or otherwise of the IS Product/Service.

8 ABBREVIATIONS

The key IS Service abbreviations used within this Test Report are listed below. Generic CCTM Scheme abbreviations used within this report are defined in the Scheme Description [DES].

Term	Meaning
CESG	Communications Electronics Security Group
CCTM	CESG Claims Tested Mark
HDD	Hard Disc Drive
HMG	Her Majesty's Government
IA	Information Assurance
IL	Information Level
IS	InfoSec Standard
ICD	Information Assurance Claims Document
LTO	Linear Tape Open (magnetic tape media)
SC	Security Cleared
PDA	Personal Digital Assistant
CD	Compact Disc
DVD	Digital Versatile Disc
WEEE	Wastes Electrical and Electronic Equipment

9 REFERENCES

- [ICD] IA Claims Document, EUCH-CD-0001, version 1-1, 29 October 2009
- [TLG] CCTM Scheme Test Laboratory Guide, version 2.4.0, 27 February 2008
- [DES] CCTM Scheme Description of Scheme, Version 2, 27 February 2008
- [IS5] HMG IA standard no5, issue 3.0, March 2009

- [Cert1] Blancco, version 4.8 HMG. This product is certified by CESG (http://www.cesg.gov.uk/find_a/cert_products/index.cfm?menuSelected=1&displayPage=152&id=442)
- [Cert2] Kroll Ontrack Eraser Version 3.0. This product is certified by CESG (http://www.cesg.gov.uk/find_a/cert_products/index.cfm?menuSelected=1&displayPage=152&id=424)
- [Cert3] Verity SV91M degausser. This product is certified by CESG (http://www.cesg.gov.uk/find_a/cert_products/index.cfm?menuSelected=1&displayPage=152&id=287)
- [Cert4] Data Security HD1T degausser. This is approved by the US NSA (http://www.nsa.gov/ia/files/Government/MDG/NSA_CSS-EPL-9-12.pdf)
- [Cert5] Waste Carrier Registration Certificate numberCB/JN5710ZM, expires 9 June 2012. This was issued by the environment agency on 11 June 2009.
- [Cert6] Approved Authorised Treatment Facility authorisation from the Environment Agency, WEE/FC0002ZS/ATF, awarded 8 October 2008.
- [Cert7] Waste Management Licence issued by the Environment Agency, EAWML 26188, 7 November 2008.
- [Cert8] ISO14001:2004 certification for Data Security for redundant IT equipment & WEEE processing. Issued by SGS on 16 October 2008 and valid until 16 October 2011. Certificate GB08/75901.
- [Quest1] Customer Questionnaire used for Service interviews, EUCH-CQ-0001, V1-0, November 2009
- [Quest2] Customer Questionnaire used for Service interviews, EUCH-CQ-0002, V1-0, November 2009
- [Quest3] Customer Questionnaire used for Service interviews, EUCH-CQ-0003, V1-0, November 2009