



## **CCTM TEST REPORT SUMMARY**

### **RDC, the trading name of R D Trading Limited**

**RDC Managed Services for the Secure Destruction of Data stored on Computer Hard Disc Drives and Magnetic Media**

**Version 1.0**

**Period of Assessment November 2008 – October 2009**

<b>VENDOR DETAILS</b>	<b>TEST LABORATORY DETAILS</b>
RDC, the trading name of R D Trading Limited	SiVenture
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<b>Test Report Summary Reference Number</b>	RODO-TS-0001
<b>Test Report Summary Version Number</b>	1-0
<b>Test Report Summary Date</b>	13 <sup>th</sup> November 2009
<b>CCTM Certificate Number</b>	2009/11/0061

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Further details about the claims tested are included in [ICD] - published on the CCTM website ([www.cctmark.gov.uk](http://www.cctmark.gov.uk)).

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## **1 EXECUTIVE SUMMARY**

### **Scope of IS Service Claims Tests**

Service Name: Managed service for the secure destruction of data on computer hard drives and magnetic media

Version: 1.0

Period of Assessment: November 2008 – October 2009

This is a managed service offering clients a variety of options for maintenance of data security through the deletion and destruction of data on obsolete media. The options include data overwriting for secure wiping of data on media which may be reused, degaussing of magnetic storage media and physical destruction by shredding of any media. RDC also offer the secure transportation and disposal of any waste products and will provide full documentation of all procedures carried out to allow a complete audit trail of cleared media to be maintained.

### **Test Results**

The CCTM Claims Testing of the IS Service, Version 1, November 2008 - October 2009, by SiVenture concluded that the security functionality claims made within the IA Claims Document [ICD] are valid.

### **Observations and Recommendations**

The service tested consists of three principal methods of data destruction. Two of these methods are certified in that the products used in the service are certified by CESC [Certs] as capable of destroying data on media processed. The overwriting equipment is certified up to the higher level and is therefore capable of clearing data protectively marked up to IL6 (top secret) and the degausser is certified at the lower level and is capable of destroying data up to IL3 (restricted). If media destruction by shredding is chosen, then it must also be preceded by one of the other methods of data destruction before the result is deemed unclassified. It should also be noted that the use of overwriting equipment certified at the higher level does not imply that any service based on that equipment is also certified at that level. CCTM only applies up to IL3 (restricted) and media protectively marked at a higher level may not be deemed declassified after processing under this service.

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## **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.

In particular, the cryptographic algorithms used in IS 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 14-16 October 2009.

### **Platform Configuration**

Not applicable.

### **Test Configuration**

Not applicable.

### **Test Method**

The Managed service for the secure destruction of data on computer hard drives and magnetic media, Version: 1.0, 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 November 2008-October 2009 were validated as follows:

Two clients of the service were interviewed to determine their experience of the service as it related to the claims made in [ICD]. The results of these interviews are detailed in [Quest].

There were no deviations from this Test Method.

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### **3 EASE OF USE**

Interviewed clients of the service claimed no difficulty in ordering, obtaining or generally using the service.

### **4 QUALITY OF USER AND ADMINISTRATION DOCUMENTATION**

Not applicable.

### **5 RESISTANCE TO PUBLICLY KNOWN VULNERABILITIES**

No publicly known vulnerabilities were found.

### **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 Service that has been Claims Tested. The certificates [Certs] 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 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
BS	Baseline Standard
CD	Compact Disc
CESG	Communications Electronics Security Group
CCTM	CESG Claims Tested Mark
DVD	Digital Versatile Disc
EU	European Union
HDD	Hard Disc Drive
HMG	Her Majesty's Government (of the United Kingdom of Great Britain & Northern Ireland)

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IA	Information Assurance
IL	Information Level
IS	InfoSec Standard
ICD	Information Assurance Claims Document
LTO	Linear Tape Open (magnetic tape media)
SDLT	Super Digital Linear Tape
SPF	Strategic Policy Framework
WEEE	Wastes Electrical and Electronic Equipment

## **9 REFERENCES**

[ICD] IA Claims Document, CCTM ICD RDC V1.1, 09 May 2009

[TLG] CCTM Scheme Test Laboratory Guide, version 2.4.0, 27 February 2008