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CESG SECURE SANITISATION APPROVAL

Product: **Kroll Ontrack Eraser**
Version: **Version 3.0**
Company: Kroll Ontrack
Client Configuration Platform: Windows XP (SP2) on MSI MS-6590 v2
Erasure Test Platforms: Dell Precision 410 and MSI MS-6590 v2
Erasure Standards: **Lower Level & Higher Level
Overwriting [IS5]**
CESG Reference: **SS012**

References: [IS5] HMG Infosec Standard No. 5: Secure Sanitisation of Protectively Marked or Sensitive Information, Issue 2.0, September 2007.
[ManS] CESG Information Assurance Manual S: Guidance on Secure Sanitisation & Disposal, Issue 2.0, September 2007.
[Rep] QinetiQ Test Report: Kroll Ontrack Eraser Version 3.0, QinetiQ/EMEA/S&DU/TR0706189, Issue 1.1, <date TBA, second issue>.
[UG] User Guide, Ontrack Eraser Software, Version 3.0.

The secure sanitisation product described above has been assessed by the QinetiQ Data Recovery and Computer Forensics Laboratory (DRFL) Service and has been checked for compliance against the requirements of [IS5] and [ManS].

The QinetiQ DRFL has concluded that, when installed, configured and operated correctly, as described in the User Guide [UG], the product is suitable for wiping disks to the [IS5] standards at the Lower Level and Higher Level Overwriting Standards in accordance with [ManS].

CESG - the National Technical Security Authority for Information Assurance – has completed their examination of the QinetiQ DRFL Test Report and has therefore determined that the above product meets the [IS5] erasure standards for secure sanitisation in accordance with [ManS], subject to the operational and risk management aspects noted overleaf.

Nigel Jones
Head of Assurance Services

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STATEMENT OF SECURE SANITISATION FUNCTIONALITY

PRODUCT NAME – Kroll Ontrack Eraser

1. Secure Sanitisation Functionality

The Kroll Ontrack Eraser product provides the capability to meet the erasure standards listed below for a range of media and platforms as specified in the User Guide [UG] delivered with the product. The specific range of Seagate, Quantum, Maxtor and Western Digital hard disks tested are listed in the QinetiQ Test Report [Rep]. The Client Configuration Tool builds a Linux-based system on a bootable CD from which the erasing client operates.

Version 3.0 (specifically Version 3.0.1.3) of the Kroll Ontrack Eraser product was primarily tested on a Dell Precision 410 platform by running the erasure client software from a bootable CD against the specified target media. Some erasure aspects were tested on a MSI MS-6590 v2 platform. The client software CD had been built and configured on a MSI MS-6590 v2 platform running Windows XP operating system with Service Pack 2 (SP2).

2. Erasure Standards

When used correctly, as summarised below, the product is designed to be approved for the Lower Level and Higher Level Overwriting Standards in accordance with [IS5] and [ManS] for the above media types that are storing data at Impact Levels IL0 to IL6 inclusive.

3. Operational Aspects

The Kroll Ontrack Eraser product must be securely delivered, installed, configured and operated in accordance with [UG], [IS5], [ManS] and the purchaser's Security Operating Procedures, together with the guidance provided in the QinetiQ Test Report [Rep].

The Kroll Ontrack Eraser product should be included in the periodic review for security updates to security products included in the purchaser's system.

4. Risk Management Aspects

Prospective purchasers should note that the Approval only extends to the media and platform types tested. Although testing of all types is not possible, due to the extensive range available, the testing performed provides some degree of assurance that the erasure functionality should operate similarly on the other media and platform types detailed in [UG].

Prospective purchasers should also note that the above Kroll Ontrack product did not recognise the Seagate ST3120A disk and QinetiQ DRFL could therefore not perform a wiping assessment of this media. (For further details, see the QinetiQ Test Report [Rep].)

Any Kroll Ontrack and operating system patches should be reviewed for their impact on product security and should be applied in accordance with the host system's risk management policy/plan.

Note that the procedures for the secure sanitisation and disposal of magnetic, semiconductor and optical computer storage media are set out in [ManS]. It should be read in conjunction with [IS5], which gives advice on managing the security risks that arise when computer storage media holding protectively marked or sensitive information is released into less secure or insecure environments.

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