

The certification body of TÜV Informationstechnik GmbH
hereby awards this certificate to the company

dacoso

data communication solutions GmbH
Robert-Bosch-Straße 25a
63225 Langen, Germany

to confirm that its data erasure software for hard drives with
magnetic data carriers

dWipe, version 1.1

fulfils all requirements of the technical guideline

BSI TL-03423, version 0.9g,
method BSI-2011-VS.

The requirements are summarized in the appendix to this
certificate. The appendix is part of the certificate and consists of 3
pages.

The certificate is valid only in conjunction with the corresponding
evaluation report until 2015-08-31.



Certificate-Registration-No.:
TUVIT-PQ6123.13

15

Voluntary Validation
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Essen, 2013-08-07

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dacoso
data communication solutions

Certificate

Certification System

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The certification body of TÜV Informationstechnik GmbH performs its certification on the basis of the following product certification system:

- German document: "Zertifizierungsschema für TÜViT Trusted-Zertifikate der Zertifizierungsstelle TÜV Informationstechnik GmbH", version 1.0 as of 2010-05-18, TÜV Informationstechnik GmbH

Evaluation Report

- German document: "Trusted Product Prüfung dWipe, version 1.1 gemäß BSI TL-03423, version 0.9g", document version 1.1 as of 2013-07-30, TÜV Informationstechnik GmbH

Evaluation Requirements

- German document: "BSI TL-03423 Anforderungen zum Überschreiben von Datenträgern", version 0.9g as of July 2011, Bundesamt für Sicherheit in der Informationstechnik

The evaluation requirements are listed at the end.

Evaluation Target

The target of evaluation is the data erasure software for hard disks with magnetic data carrier "dWipe", version 1.1 of data communication solutions GmbH.

It is detailed in the evaluation report.

Evaluation Result

All evaluation requirements of overwrite method BSI-2011-VS of the technical guideline BSI TL-03423 are fulfilled.

The notes of the evaluation report have to be regarded.

Summary of the requirements of method BSI-2011-VS of the technical guideline BSI TL-03423:

Overwriting of the data carrier is performed in five steps:

1 Overwriting with random

- Create the initial variable for the generation of the data patterns
- Generate blocks with the data patterns
- Overwrite the data carrier with generated blocks

2 Verification

- Re-calculate the generated blocks
- Read the data carrier and compare with the generated blocks
- Indicate defective blocks in the erasure report

3 Overwrite operation using Secure Erase

- Overwrite depending on availability with Enhance Secure Erase (ESE), Secure Erase or with a different data pattern.

4 Sample verification

- Check of at least 5% of the overwritten sectors (step 3), where the data patterns generated in step 1 and documentation of the number of defective sectors/ blocks.

5 Master Boot Record (MBR)

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- Overwrite the first sector (MBR) with "00" (hex) for better reusability of the data carrier.