

HDShredder 5

Secure Deletion of Data



Hard Disks, SSD's & USB Sticks

New: Dynamic Disks

New: USB 3.0

New: Command Line Version

Compatible with UEFI BIOS Mode

Editions

- Free Edition ^{F*}
- Basic Edition ^{W.V*}
- Standard Edition ^{W.V*}
- Professional Edition ^{W.V.T.M*}
- Enterprise Edition 4x/8x/16x ^{M*}

Highlights

- Secure deletion of data, user-friendly
- Self-booting and on Windows
- High deletion speeds
- Supports 15 international standards
- Overwrite up to 199 times



HDSHredder is the universal solution for the high security deletion of hard disks and other storage media.

A special „EraseEngine“ is at the heart of HDSHredder, which makes it one of the fastest deletion programs in the world.

Runs with or without Windows

HDSHredder runs either self-booting or on Windows, where drive letters, Dynamic Disks, RAID's and media with special drivers are available as usual.

Automation

The Command Line Version (CLI) for Windows is invoked by batch script or task scheduler for predefined tasks. Drives are indicated by ID, port or device name.

Error tolerance thanks to SmartDefectSkip

Special strategies are applied to defective sectors, so to not impede the deletion of intact sectors.

Reusable media

HDSHredder does not cause damage to storage media. Media remain fully useable, unlike with magnet deletion/destruction.

Deletion report

HDSHredder can store a deletion report to serve as verification of proper deletion.

User-defined deletion

The integrated deletion pattern editor allows users to freely define their own deletion process for up to 398 runs.

TRIM maintains SSD performance

The TRIM command optimizes SSD's in order for them to work faster both during deletion and when used afterwards.

Overview of Editions

	Free	Basic	Standard	Professional	Enterprise
Speed in GB/min	6	6	6	6	90+
IDE, SATA, USB	●	●	●	●	●
Iterative deletion patterns	●	●	●	●	●
Random deletion patterns	○	●	●	●	●
New: Dynamic Disks	○	●	●	●	●
SmartDefectSkip	○	●	●	●	●
Advanced Format ¹⁾	○	○	●	●	●
TRIM command for the acceleration of SSD's	○	○	○	●	●
Intel Software RAID 0/1/10/5	○	○	○	●	●
Firewire/IEEE1394 and SCSI disks ⁶⁾	○	○	○	●	●
SATA hotplug & port multiplier	○	○	○	○	●
Command Line Version (CLI)	○	○	○	●	●
Store deletion protocol (PDF)	○	○	○	●	●
MultiDelete (4x, 8x, 16x)	○	○	○	○	●
Secure fast deletion	●	●	●	●	●
High security deletion	○	●	●	●	●
International standards	○	○	●	●	●
Freely-definable deletion patterns	○	○	○	●	●
Deletion of entire media	●	●	●	●	●
Deletion of single partitions	○	●	●	●	●
Deletion of areas	○	○	○	●	●
Security levels	1	3	18	217	217

Secure Deletion According to International Standards

Standard	Runs	Standard	Runs
VSITR	6	NCSC-TG-025	3
BSI-GSB	3	HMG IS5 (baseline enhanced)	2 4
ACSI-33	6	GOST P50739-95	2
AFSSI 5020	3	RCMP TSSIT OPS-II	7
AR380-19	3	The Schneier Method	7
DoD 5200.28M	3	The Pfitzner Method	33
DoD 5200.22M	4	The Gutmann Method	35

Technical Specifications

Areas of Application

- Secure deletion, user-friendly even for non-professionals
- Simple & fast deletion prior to resale or transfer of ownership
- User-performed deletion when handling highly sensitive data
- Delete for clients in accordance with international standards
- Mass deletion of up to 16 disks/media simultaneously

HDSHredder/S & HDSHredder/L (Self-booting)

Variant /L adds a Linux base to the normal /S variant, including support for SAS/SCSI, RAID and LAN ⁶⁾.

- PC Pentium III or higher, 512 MB RAM, CD or USB boot

HDSHredder/W (Windows Application)

Launch HDSHredder directly on Windows.

- Windows XP (SP2), Vista, 7, 8/8.1, 10
- Windows Server 2003, 2008, 2008 R2, 2012, 2016 ⁴⁾

Supported Media

- IDE, ATA, SATA & eSATA hard disks & SSD's, CompactFlash
- USB drives, USB sticks, SCSI disks ⁶⁾
- SD/SDHC/MMC, CompactFlash, xD, Memory Stick etc.
- Firewire/IEEE1394 disks (internal & external) ⁴⁾
- Dynamic Disks, RAID, SAS ^{2,6)}, and more ^{2,6)}

Supported Controllers ⁵⁾

- PCI IDE controller / Busmaster IDE controller
- SATA/SATA-II controller with IDE/AHCI, SCSI host adapter ⁶⁾
- USB 1.1/2.0/3.0/3.1 controller with UHCI/OHCI/EHCI/XHCI
- Firewire/IEEE1394 controller with OHCI
- Intel Onboard Software RAID 0/1/10/5

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