WipeDrive
Certified Data Erasure

Data Erasure 101

It is not enough to click delete

It is the equivalent of ripping out the index page of a book. The pages of the book remain - and the same for your data - stored in the hard drive. It can be recovered with freely available software, and today it is even possible to read data from the metal pieces of destroyed hard drives in land fills.[8]

Data erasure secures against

- Identity theft
- Stolen bank and card information
- Extortion
- Company espionage
- Hacks
- PR scandals
- GDPR fines

Methods for data erasure

IIOOI
OIOII **OVERWRITING**
IOOO How: Overwriting data using software.
Can the drive be used again? Yes.

ENCRYPTION
How: Resetting the encryption key.*
Can the drive be used again? Yes.

SHREDDING
How: Mechanically grinding drive to pieces.
Can the drive be used again? No.

DEGAUSSING
How: Destroying drive using powerful magnet.*
Can the drive be used again? No.

* Limited to certain types of drives.

GDPR Article 5:

„Personal data shall be kept in a form which permits identification of data subjects for no longer than is necessary for the purposes for which the personal data are processed."[7]

Danish Data Protection Agency:

When erasing personal data, according to DDPA it must be erased *„responsibly"*[1] and *„irrevocably"*[2], so that it *„in no way can be recovered"*[2] with reference to NIST guidelines for data erasure.[8]

Documentation

Data erasure must be documented for control.[2] This can be a challenge with most solutions.

Certifications

Not all solutions are created equal. The most comprehensive certification right now is Common Criteria EAL, and the highest standard for overwriting is set by NIST as „Purge".[8]

The situation in Danmark

Denmark is one of the countries most at risk when it comes to data security, given its high degree of digitalization.[4] It is estimated that 39% of SMEs have an insufficient level of IT security.[5]

In 2019, Denmark logged 5 times as many data breaches per citizen as an average EU country.[3],[6] Two fines have been given already, which can be compared to three in the UK.

Sources
1. Datatilsynet: Sletning af personoplysninger
2. Datatilsynet (2014): IT-Sikkerhedstekst ST3: Sletning af personoplysninger
3. Datatilsynet (2019): Det første år i tal
4. Deloitte (2016): Global Defense Outlook
5. Deloitte (2019): IT-sikkerhed og datahåndtering i danske SMV'er
6. European Data Protection Board (2019): 1 year GDPR – taking stock
7. EU (2016): GDPR (directive 95/46/EF)
8. NIST (2014): Special Publication 800-88 Rev 1: Guidelines for Media Sanitization

The Highest Certified Solution

NIST Clear vs. Purge

Clear requires standard read/write commands, which makes it impossible to recover data with simple methods.

Purge requires more comprehensive techniques, which makes it impossible to recover data with even the most advanced forensics.

The problem is a matter of whether the software can reach hidden or otherwise non-readable parts of the disk. Purge requires wiping Host Protected Areas (HPAs) and Device Configuration Overlays (DCOs).

A part of that challenge is that most solutions have trouble working with the large range of different firmware to achieve this standard.

WipeDrive can Purge 36% more drives than the nearest competitor - and gets the job done in half the time.

EAL 2+ certified (past version EAL 4+)

Common Criteria EAL is an international standard controlled by 30 member countries, including Denmark through Center for Cybersecurity by the Ministry of Defense. This is right now the most comprehensive certification.

WipeDrive is the only solution ever to have reached the EAL 4+ certification.

With WipeDrive 9, the certification process started over and will reach EAL 4+ again. WipeDrive also has extensive certifications from NCSC, NYCE, NATO and ADISA.

WipeDrive vs. free software

Other than working with manufacturers to keep WipeDrive updated with all new firmware, it is expensive to undergo certifications. At the same time, WipeDrive is based on patented algorithms and a patented combination of encryption and overwriting.
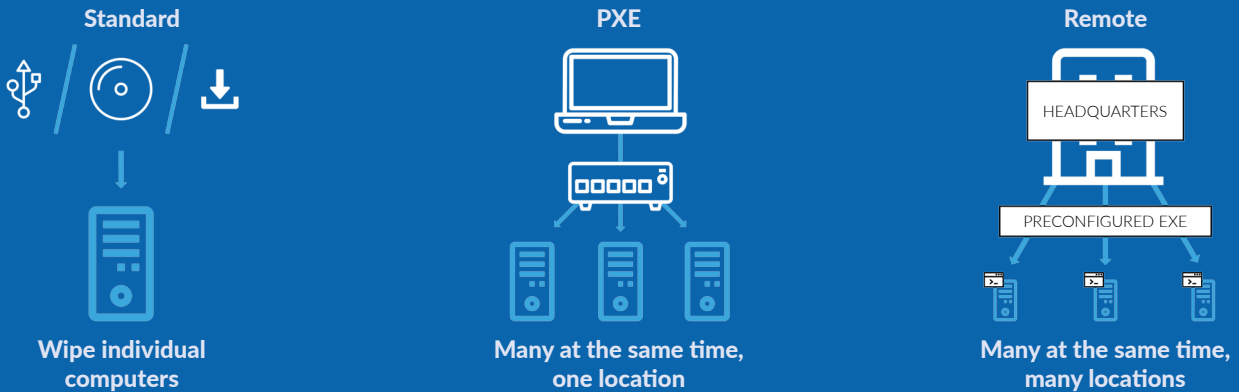

Erase with WipeDrive to comply with GDPR and all the below listed data erasure standards

- Common Criteria EAL 2+
- US DoD 5220.22-M
- NIST 800-88 REV 1
- NYCE NMX-I_9126-2
- UK National Cyber Security Centre CPA
- Common Criteria Evaluation and Validation Scheme
- HIPAA
- FACTA standards
- Sarbanes-Oxley
- US Army AR380-19
- US Air Force System Security Instruction 5020
- US Navy Staff Office Publication P-5329-26

- NIAP EAL 4+ (past version)
- ADISA Product Claims Testing
- US National Computer Security Center TG-025
- NATO NIAPC
- GB HMG Infosec Standard #5 Baseline
- GB HMG Infosec Standard #5 Enhanced
- German VSITR
- Australian Defense Signals Directorate ACSI-33(X0-PD)
- Australian Defense Signals Directorate ACSI-33(X1-P-PD)
- Canadian RCMP TSSIT OPS-II Standard Wipe
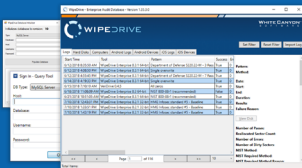- CIS GOST P50739-95
- CSEC ITSG-06

The Most Flexible Solution

Setup

Standard

Wipe individual computers

PXE

Many at the same time, one location

Remote

HEADQUARTERS

PRECONFIGURED EXE

Many at the same time, many locations

Customize

Full control of certified data erasure reports

Hash-encrypted, tamper-proof reports certify that every drive has been wiped. Set custom fields, choose information to include and define standard settings for each technician. Reports can be saved in any format (PDF, XML, HTML, CSV, TXT) and to any location. Send files to your SQL database, FTP server, to an email or save locally.

Easy overview and control of logs

Automatically send logs to your own SQL database and use WipeDrive Audit Database for an easy overview and control of your reports. Sort by customer, search for serial numbers or other parameters and export any file type. Integrate with your ERP system, query the database for any need and automate your processes.

Erase any drive

WipeDrive can erase Mac OS, Linux and Windows. The latest NVMe drives and all SSD types are supported. WipeDrive erases all PCs, laptops, servers and phones. With support of both the „Enhanced Sanitize Device" command and the OPAL command, WipeDrive is the best at reaching Purge.

Did you know that ...

- Licenses do not expire
- Licenses for Mobile are the same
- Licenses are not wasted on errors

- You can become WipeDrive certified
- The support is award winning
- You can request custom features

- WipeDrive performs diagnostics
- SSD life expectancy can be checked
- You can easily set a new config

The Most Trusted Solution

… Among the world's biggest ITADs

„Data security is a top priority for our clients. We wipe every machine that comes through the door because we take security seriously. Our clients are very happy with our use of WipeDrive which has the best credentials."
- CEO, CWI

… Among Fortune 50 companies

„WipeDrive allowed us to efficiently and securely handle all our data destruction. We cannot have any issues with data spills, with the process and audit logging we're able to make sure they don't happen."
- Senior VP of Infrastructure, CitiGroup

… Among NSA, NASA and the US military

„WipeDrive is a disk sanitizing tool that permanently erases all data from hard drives and other data storage devices. This data is permanently destroyed as to make any type of forensic data recovery impossible."
- NSA and NATO

… Among IT distributors in Danmark

WipeDrive is making its entry in Denmark. Two Danish flagship customers are ATEA and Elitecom. They have chosen WipeDrive as their data erasure solution.
**- ATEA and Elitecom**

ATEA
ELITECOM
PROFESSIONALS CHOICE

We collect happy customers

96%

WipeDrive is the most used data erasure software among Fortune 500 companies and has a 96% retention rate. There are only 4% that ever switch to a different solution once they have started using WipeDrive.

BOSCH   Bank of America   citibank   BEST BUY   IBM

Emirates   SONY   PayPal   DHL   U.S. AIR FORCE
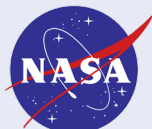
Get Started

Software:

WipeDrive Standard.iso
standard.scandic-services.com

WipeDrive Standard EXE.exe
exe.scandic-services.com

WipeDrive PXE.iso
pxe.scandic-services.com

WipeDrive Mobile.exe
mobile.scandic-services.com

SQL Initialization Tool.msi
initializor.scandic-services.com

SQL Query Tool.msi
query.scandic-services.com

Dongle View Licenses Tool.exe
dongle.scandic-services.com

Dongle Recharge Tool.exe
recharge.scandic-services.com

Guides:

WipeDrive Standard.pdf
standardguide.scandic-services.com

WipeDrive Standard EXE.pdf
exeguide.scandic-services.com

WipeDrive PXE.pdf
pxeguide.scandic-services.com

WipeDrive Mobile.pdf
mobileguide.scandic-services.com

SQL Query Tool.pdf
queryguide.scandic-services.com

Logging.pdf
loggingguide.scandic-services.com

Dongle.pdf
dongleguide.scandic-services.com

Offline activation.pdf
activationguide.scandic-services.com

Diagnostics.pdf
diagnostics.scandic-services.com

We are a WhiteCanyon distributor of licenses for WipeDrive. We are happy to help you get started.

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