[hiddn]™ Safeguarding your data anywhere

[hiddn]™ – Robust & Versatile Protection of Data at Rest

Encryption is a vital tool in maintaining the integrity of sensitive and classified data, and the examples of wrongful or negligent approaches to securing critical data are numerous; data breaches occur almost daily and lost or stolen data affects vast numbers of innocent individuals causing great damage to the organization or authority behind the data loss. Whether military secret, governmental classified data or data used for field operations, the need for robust, efficient, and easy to use protection is ever-present!

[hiddn]™ ***hardware encryption*** provides protection ***of all data at rest***, on any storage media! This highly certified and patented quality data protection solution is both PC and operating system independent, it requires no software, places no restraints on the CPU, operates transparently and requires no user intervention. Once installed **[hiddn]™** encrypts all data at rest and the system operates as normal, with the critical encryption keys stored in a separate, physical smart card.

The versatile and user friendly **[hiddn]™** is rigorously tested and validated, with ***FIPS 140-2 Level 3, Common Criteria EAL4+ and NATO RESTRICTED*** certificates. The unprecedented flexibility and effectiveness provides protection of e.g. servers, thin clients, CCTV-cameras, UAVs, copy machines, personal computers, memory sticks; all encrypted using the same, highly certified and patented **[hiddn]™** Crypto Module.

Protecting data stored on an on-board ruggedized computer in a vehicle, securing data on an Unmanned Aerial Vehicle (UAV), or protecting mission-critical data on mobile devices; with the **[hiddn]™ Crypto Module** implemented, any storage media can be protected by one the highest commercially certified solutions available today. **[hiddn]™** meets users' and authorities' rigorous demands for robust and validated protection without having to pay excess for the end product. Implementing certified and approved AES 256-bit encryption, **[hiddn]™** operates transparently and independent of operating system and type of computer and/or storage media, without the need for drivers or additional software. Encryption keys are stored on a separate, physical, smartcard, with an optional two-factor authentication for added security, and for management of users, products, smartcards, PIN-codes, and encryption keys, HDD has developed the secure, proprietary and intuitive **[hiddn]™** Key Management System.

In addition to the [hiddn]™ portfolio of COTS products , HDD can offer the readily certified and well documented [hiddn]™ Crypto Module as OEM for integration into third party solutions.
The modularly designed encryption core may also be incorporated as VHDL code into solutions, offering users and partners an opportunity to add value to their product lines – certified and patented encryption available for third party integration!

If you are seeking to fulfill offset agreements and/or wish to engage in technical cooperation with HDD for system integration of the [hiddn]™ technology, HDD can offer a highly qualified team of experts and a readily certified and documented encryption core. We strive to deliver quality and are dedicated towards supporting the [hiddn]™ portfolio and implementing our encryption technology in new solutions.

hdd High Density Devices

HIGH DENSITY DEVICES
Vestre Strandgate 26, N-4611 Kristiansand, Norway
Tel: +47 381 04 480, mail@hdd.no, www.hiddn.no

[hiddn]™ Safeguarding your data anywhere

[hiddn]™ - Certified & Patented Hardware Encryption

*The **[hiddn]™** Crypto Module sits in the data path between the hard drive controller and the storage media, encrypting all data at rest, including boot-up information, swap space and temporary files. As users work, real-time encryption is performed on all user data as it is written to the hard disk. User authorization is performed using a hardware key token, and the key and storage media pairing feature implies that each **[hiddn]™** encrypted storage media can be unlocked by a specific key only, and users must use the correct smartcard in order to decrypt and access any data stored.*

All keys are stored in encrypted form on a smartcard, and the optional ***Contactless key transfer*** opens up for increased flexibility as encryption keys can be securely loaded into the Crypto Module using sophisticated and secure RF-technology. This allows for installations into solutions where physical access to the encryption product is difficult, e.g. for laptops and external storage units, as well as in more complex server solutions and ICT systems.

- **High security:** No encryption keys are stored on the hard drive or in the unit
- **Simple to audit and prove compliance:** Without the Key Token, the drive is inaccessible
- **Low total cost of ownership:** No licensing fees, no maintenance, no need for upgrades or services, and zero end-of-life disposal cost
- **Blazing fast:** no SW affecting CPU
- **Works with all PCs:** Invisible to all Operating Systems and File Systems
- **Validated and verified:** Holds the highest commercially viable certifications
- **Strong and secure encryption:** AES 256-bit encryption algorithm
- **Authentication:** All encryption keys stored on a separate, physical smart card, with encrypted key transfer and playback protection
- **Performance:** Real-time encryption with no delay (transparent)
- **Plug and play:** No drivers or software required

The qualified and validated design of the certified and patented [hiddn]™ technology caters for a vast array of data protection needs through its differentiated implementations.

[hiddn]™ Crypto Adapter
Certified encryption of all USB-connected storage media

[hiddn]™ DeskTop
Desktop encryption w/ multiple clearance level on same drive

[hiddn]™ LapTop
Protecting the mobile workforce and rugged installations

[hiddn]™ SATA ADAPTER
For certified protection of copiers, workstations, IT systems

[hiddn]™ KMS
Key Management System for management of users, products, smartcards and encryption keys (key escrow)

hdd High Density Devices

HIGH DENSITY DEVICES
Vestre Strandgate 26, N-4611 Kristiansand, Norway
Tel: +47 381 04 480, mail@hdd.no, www.hiddn.no