Losing these used to be catastrophic.

Now this is no longer a problem.

[hiddn]™ Crypto Adapter

Protection of all USB storage media

Losing USB storage media is no longer a problem

How many memory sticks do you have? Have you ever lost any? Are you sure?

Most organizations today store and transport sensitive data on memory sticks and external hard drives, and annually large amounts of confidential data is lost due to data breaches.

The [hiddn]™ Crypto Adapter prevents this security hazard in an easy, safe, and cost-effective manner – enabling a safe USB-environment without influencing effectiveness or spending budgets.

One Crypto Adapter encrypts and protects all your USB storage media, without the need for additional software, license fees or annual spending sprees. The keys are stored in a separate smart card, each user is issued their personal PIN-code, and the organization can easily deploy their Crypto Adapters so employees can freely move between Crypto Adapters carrying only their smart card and protected storage media.

The [hiddn]™ Crypto Adapter provides for a highly efficient and safe way of sharing information!

The [hiddn]™ Crypto Adapter does not require any software, it protects an unlimited amount of USB storage media regardless of capacity – all you need is the Crypto Adapter and low-priced standard memory sticks and/or backup drives, and the Crypto Adapter takes care of the rest.

Reduce the cost of losing sensitive information to the minimal cost of losing a low-priced memory stick – and remain assured that your data remains inaccessible to unauthorized individuals – at all times!

The [hiddn]™ Crypto Module is a hardware encryption module certified with some of the market's highest commercially viable certificates; FIPS 140-2 Level 3 and Common Criteria EAL4+, and is incorporated into all [hiddn]™ Crypto Adapters – compliant and assured data protection for all needs.

The patented (US Patent no 7,434,069), modularly designed and well documented [hiddn]™ Crypto Module is the sole property of High Density Devices.

Common Criteria EAL4+

FIPS 140-2 Level 3

Enabling a safe USB environment

The [hiddn]™ Crypto Adapter is a unique and exclusive product for cost-efficient protection of memory sticks, backup drives, and any other USB storage media!

This highly user-friendly product for encryption of data at rest supports USB-based storage media and incorporates HDD's patented and highly certified encryption technology. The product encrypts regular USB units, costing far less than today's competing "security" USBs, and is highly secure as all encryption keys are stored on a smartcard. This makes the [hiddn]™ Crypto Adapter superior to the majority of other solutions, where the encryption key is stored on the storage media itself.

The [hiddn]™ Crypto Adapter connects to your computer via USB and the two-factor authentication consisting of a smartcard storing all keys and a personal PIN-code, allows for robust and easy to use protection of all your externally stored data.

The [hiddn]™ Crypto Adapter is the perfect solution for transportation of data between the office and home, for travelling with sensitive data, and for working between office branches.

The cost of losing data is now reduced to the minimal cost of losing a low-priced memory stick, as the [hiddn]™ Crypto Adapter demolishes the need for expensive encryption storage media by encrypting unlimited capacities of any USB storage media!

Enhancing the corporate security culture

The [hiddn]™ Crypto Adapter enables a safe USB-environment – it runs on any computer and, unlike many other "special" encryption USB devices, does not require admin-rights for the user to operate.

Standalone [hiddn]™ Crypto Adapters (CA) can be deployed anywhere, and e.g. one CA located in the conference room can be accessed by all authorized employees using their individual smartcards and PIN-codes. Since the CA requires no management resources, it saves costs and improves efficiency.

Deployment of [hiddn]™ Crypto Adapters enhances the corporate security culture. By only allowing for USB storage devices to be connected through a [hiddn]™ Crypto Adapter, the organization is assured that these are fully encrypted at all times, regardless of content or intended usage.

Why allow unencrypted memory sticks at all and why let employees choose what is encrypted, when you can encrypt all USB storage media whilst at the same time remain efficient and productive?

Secure transport of sensitive data between home and office

The [hiddn]™ Crypto Adapter (CA) can be configured to allow users to move freely between CAs with their preconfigured smartcard and PIN codes (e.g. internally in a company, a project group or unit, etc.).

Each smartcard has its unique encryption key(s) preventing USB storage media encrypted with one smartcard from being read/decrypted with another. At no point are encryption keys stored on the storage media itself or in the computer processing the data.

This opens up for volume deployment of multiple CAs within an organization for full-disk encryption of all corporate and private USB storage devices!

Why pay more for a "special" memory stick when one Crypto Adapter can turn any of your low-cost USB storage media into fully encrypted storage media? Easily store encrypted data on any USB storage device and transport data safely to and from locations.

Organizations can configure the smartcards themselves via the optionally available [hiddn]™ Key Management System (KMS) which is normally operated (in a secure environment) by the organization's IT Manager, Security Manager or Personnel Manager(s) providing encryption key generation, user/smartcard/unit logging and key escrow.

[hiddn]™ Safeguarding your data anywhere

Mobility and security combined – seamless integration

The mobile and flexible [hiddn]™ Crypto Adapter provides the organization with effortless and standalone protection for all USB storage media; from the small memory sticks to the high capacity corporate USB backup drives.

Crypto Adapters can be deployed wherever protection is required, whether inside or outside the office providing easy, cost-efficient and secure protection of sensitive data on USB storage units. Employees or third party personnel can easily and safely move between any number of Crypto Adapters only carrying their encrypted USB storage media and personal smart-card, and when travelling outside of the organization's infrastructure, simply bring along a Crypto Adapter and remain protected regardless of computer used!

[hiddn]™ Crypto Adapter – mobility and security seamlessly integrated for protection of any USB storage media.

The [hiddn]™ Crypto Adapter is ideal for:

- **Corporate Environments**
- **Small businesses**
- **Creative professions art, advertising, film, writing, etc.) protecting IPR/works**
- **Healthcare**
- **Government**
- **Defence**
- **Lawyers**
- **Law enforcement (forensics, court data, etc.)**
- **Finance**
- **Offshore (secure transportation of data offshore/onshore)**
- **Insurance**
- **Home Office Environments (also protecting private data)**
- **Sales material (bids, price lists, etc.)**
- **Other...**

Product information

The following standard [hiddn]™ Crypto Adapter configurations are available:

[hiddn]™ Crypto Adapter	Single unit – stand-alone – 1 set of pre-configured smartcards
[hiddn]™ Crypto Adapter - SOHO	Two (2) units – paired – 2 sets of pre-configured smartcards
[hiddn]™ Crypto Adapter – Enterprise V	Five (5) units – matched – 5 sets of pre-configured smartcards
[hiddn]™ Crypto Adapter – Enterprise X	Ten (10) units – matched – 10 sets of pre-configured smartcards
[hiddn]™ Crypto Adapter – Enterprise	Single unit – 1 set (2 un-programmed cards) of smartcards
[hiddn]™ Crypto Adapter – Enterprise KMS	Customised no. of units and sets of un-programmed cards (>50 for both) with KMS for configuration of own smartcards within an organisation

If you want to make an order and/or you need another configuration, please contact your local sales representatives, ref. www.hiddn.no/partners, or send an email to: sales@hdd.no.

BENEFITS & FEATURES:

More secure than software:	No encryption keys are stored on the storage media, all keys stored in the smartcard.
Easy to audit:	Without the physical smartcard present, the media is inaccessible.
Lower total cost of ownership:	No annual licensing fees, no updates, and zero end-of-life disposal cost of the storage media.
Works with all PCs:	Invisible to all Operating Systems, File Systems, and computer software/ hardware.
Security by best approach:	Passed international certification at the highest commercially viable level.
Strong & secure encryption:	AES 256-bit certified encryption algorithm.
Authentication:	Smartcard with encrypted key transfer and PIN-code. No encryption keys stored on storage media.
Performance:	Transparent and real-time encryption with no delay @ 40MB/s (limited by USB-protocol).
Plug and play:	No drivers or software required.

[hiddn]™ Safeguarding your data anywhere

[hiddn]™ Crypto Adapter

Turn any memory stick into a fully encrypted memory stick – hassle-free.

[hiddn]™ Lap Top

Would you sleep tonight if your laptop was stolen?

[hiddn]™ DeskTop

Practical and cost-effective solution for protection of data at rest on PCs.

[hiddn]™ SATA Adapter

Cost effective protection of copiers, printers and office workstations.

[hiddn]™ KMS

Management of encryption keys and Key Token lifecycle for organisations.

ARTIC 5959

To order, book a meeting, or receive more information please contact High Density Devices on sales@hdd.no and/or telephone +47 381 04 491 (main), +47 381 04 491 (sales).

hiddn.no
Twitter: **@hiddnhdd**

Common Criteria EAL4+

FIPS 140-2 Level 3

NATO RESTRICTED

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