

# **[hiddn]<sup>TM</sup> USB (Storage Device)**



## **User Guide**

Off-the-shelf version with two random generated Smartcards (keys) included

## **VERSION 1.3**

## 1. Introduction

Thank you for purchasing the [hiddn]™ USB Storage Device!

Please take the time to read this Guide carefully, as it is important that you read it at least once prior using the product. The Guide contains important information on how to use the [hiddn]™ USB Adapter unit.

### 1.1. Box Contents

- 1 [hiddn]™ USB unit
- 1 “User Smartcard” and 1 “Backup Smartcard”

## 2. System Requirements

The [hiddn]™ USB Storage Device you have purchased requires two USB ports on your computer.

## 3. Installation

Installation of the [hiddn]™ USB Storage Device is performed as follows:

### 3.1. First –time Initialization

The first time you are using the [hiddn]™ USB will act as the *Initialization procedure*, where you enable the storage device to recognize the Smartcard. Please follow the instructions below carefully.

Please make sure that the storage device is connected to your computer as described below before the storage device can be *initialized as follows*:

1. Power on the computer
2. Connect the [hiddn]™ USB to your computer with the attached USB-cable – **making sure only using the USB Power Plug** (providing additional power only – thin lead) to ensure a smooth initialization process not interfered by any USB-communication).  
Thus, connect the single connector to the [hiddn]™ USB storage device and **only** the power only part of the two USB connectors to your computer.
3. Observe that the STATUS LED of the [hiddn]™ USB shows a blinking yellow light.
4. Gently insert and remove the *User Smartcard* 4 times with the chip side facing down leaving it inserted upon the 4<sup>th</sup> insertion. During insertion the LED will blink yellow and green, but shortly after the 4<sup>th</sup> insertion it will change to a steady green light (make sure to leave it inserted for at least 15 seconds).

5. Once the status LED shows a steady green light, disconnect the [hiddn]<sup>TM</sup> USB and connect it back on (both plugs this time), ensuring the *User Smartcard* is inserted with the chip side facing down.
6. With the *User Smartcard* inserted, the [hiddn]<sup>TM</sup> USB ADAPTER can be used as a normal external storage device.

**NOTE:** *Always store the User Smartcard in a safe place once you have removed it from the [hiddn]<sup>TM</sup> USB.*

## 4. Normal operation

### 4.1. Physical Connections

Connect the storage device to your computer with the attached USB-cable. Once the storage device is *initialized* (ref. above), the storage device must normally be connected to your computer with the enclosed USB cable using all plugs – one for the USB bus and power (PC), one for additional power (PC) and one for the USB Storage Device itself.

### 4.2. Normal operation of the [hiddn]<sup>TM</sup> USB.

1. Insert the *User Smartcard* with the chip side facing down.
2. Connect the USB Storage Device to your computer (PC) with the attached USB-cable (connecting all plugs), and you are ready to encrypt/decrypt your data.

## 5. Use of the Backup Key Token

If you ever lose the *User Smartcard*, you can use the *Backup Smartcard* to get access to your data. Before using the *Backup Smartcard* for normal operation, you must initialize it. To initialize, follow steps 1 – 6 in section 3.1 only connecting the USB power plug (providing for additional power only – thin lead).

After initialization, the *Backup Smartcard* can be used for normal operation as if it was the *User Smartcard*.

### IMPORTANT

Please note the following when using your [hiddn]<sup>TM</sup> USB:

- The [hiddn]<sup>TM</sup> USB is delivered with two Smartcards containing random generated encryption keys.
- HDD can IN NO CASE reproduce either of these Smartcards, if lost or rendered unusable by customer.
- If the *User Smartcard* is lost or becomes unusable, it is strongly recommended to use *Backup Smartcard* to make a backup of your data stored on the device to another storage device. Then a new set of Smartcards should be ordered (see below).

- A NEW set of User and Backup Smartcards can be ordered from HDD. This will NOT give access to any data stored prior to using this new set of Smartcards (all data stored with previous Smartcards will be lost unless you have made a backup that can be restored onto your storage device after the new set of Smartcards is initialized).
- If your organization has access to **[hiddn]<sup>™</sup> Key Management System**, lost or unusable cards can be substituted (reproduced).
- HDD accepts no responsibility for any data lost or left inaccessible due to loss or misuse of Smartcards.

HDD offers a Key Management System (KMS). This proprietary administrative utility system is for managing lifecycle functions of **[hiddn]<sup>™</sup>** Smartcards and the accompanying **[hiddn]<sup>™</sup>** products. It is designed for larger organizations, value added resellers, IT managers of business organizations and other organizations deploying **[hiddn]<sup>™</sup>** technology. The KMS is delivered as a dedicated workstation (a server configuration of KMS is optionally available).

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