



DISC ICE™

## INSTALLATION AND OPERATING SHEET

Last updated August 2009

### IMPORTANT NOTICE

**Before installing this product please ensure that you read, understand and accept the terms and conditions contained in the document ENTERPRISE LICENSE AGREEMENT AND LIMITED WARRANTY contained on the product CD. Installing this product will be construed as your complete acceptance of the terms and conditions contained in the document referred to.**

**Please refer to INFORMATION TO USER at the end of this document and to Paragraph 5. IMPORTANT POINTS hereof before installation**

### 1. DISC ICE™

Thank you for choosing DISC ICE™ to protect your PC's data and the manner in which you and others gain access to the machine. This version of Disc Ice BLUE should be used only with MS VISTA

#### 1.1 The PRODUCT

The product comprises the following components:

DISC ICE™ Lock (with USB connector)  
DISC ICE™ Key (blue)  
Location Identifier (grey)  
CD with software

#### 1.2 Installing DISC ICE™

Insert the CD into the PC

Copy the Folder to your PC.

RUN the Disc Ice programme

Follow the on screen install instructions

When instructed to do so:

Insert the Disc Ice™ LOCK into any available USB port (if using a desk top and the consol is some distance from the monitor it is recommended that the USB cable extension is used)

Follow the on screen instructions for the installation of the "New Hardware" using the DRIVER software provide on the CD:

#### **WHEN INSTALLING THE DRIVERS:**

After inserting eh Lock the "found new hardware" dialogue box will be highlighted (possibly at the bottom of your screen and will need to be opened)

Select "Locate and install driver software (recommended)"

On the next screen (Insert the disc.....) click NEXT

You will then be presented with a choice to verify the software – select Install anyway

On the next screen select – close



Hardware is now installed

Continue with installation  
INSTALL NOTES:

The Administrators code allows for access to the PC in the event of a "lock out" and protection against access into 'SAFE MODE' by an unauthorised user. (See trouble shooting.) It is also used to facilitate uninstalling the product.

The Location Identifier (Gray Key) is an additional device which when hidden within the area of the DISC ICE™ Lock read range provides an additional security check. It can also be used as a second Profile/User Key.

Default to the C:\ drive for the secure portion or select another storage device by selecting the box "..." to the right of the default box. (See below regarding requirements for selecting drives other than C:\)

It will take approximately 20 seconds for the screen to lock/unlock after entering or leaving the read range for the first time (see [Changing Lock/unlock range below](#))

#### 1.3 Encryption

**WARNING:** To ensure maximum possible protection of sensitive data the encrypt facility included with DISC ICE™ should be used. The Disc Ice™ BLUE product features "on the fly" AES 256K encryption, which can be applied to up to 90% of available hard drive space.

Should you elect not to have a secure portion on the C: drive it will be possible to allocate a portion later by following the "New User Wizard" in the User Management Icon located in the Control Panel. The portion of the drive allocated to the encryption will be indicated by another letter, e.g. F, G, H, etc

This new portion (drive) must be formatted before use

If the selected drive is a FLASH DRIVE the device must already have been inserted into the USB port. In order to use the encrypted portion the Flash drive must be connected prior to any start up of the PC. (Although the device is a mobile storage device DISC ICE™ will view it as a fixed drive).

Any documents which are to be encrypted must be saved to the new drive

Should you wish to move an existing file to the secure portion use the cut/copy and paste feature. Files removed from the secure portion will be unencrypted.

**WARNING: If you uninstall Disc Ice from the PC the files and folders in the encrypted portion will be DELETED.**

#### 1.4 START UP

When rebooting the PC the DICS ICE™ logo will be presented first. You may be asked to present your Disc Ice™ Key – make sure it is close to the Lock. Allow additional time for the Lock to identify the Key and if you use a password you will need to enter it under the Username block and either click on the Blue arrow or press Enter. The first reboot may take longer than usual – please be patient!

Please note that if you use a password Vista will require that you enter that password each time you want to unlock the PC after Disc Ice™ has locked it.

A small yellow lock icon will be displayed in the lower right of the Task Bar. By right clicking you will be able to view your key number (and any other keys you may have in operation within the read range of the Lock) and the facility to manually lock your PC is also provided.



## 1.5 CONTROL PANEL Management tools

Three DISC ICE™ management tools are available to a system ADMINISTRATOR via the CONTROL PANEL. These are:

DISC ICE™ Configuration - sets lock up and the Location Identifier timings

DISC ICE™ Key Viewer- shows the transmission rates of all DISC ICE™ Keys

DISC ICE™ User Management - allows for the add-on/deletion of users, DISC ICE™ Keys or Location Identifier

## 2. ADDITIONAL PROFILES

Additional users can be added to a PC provided the Windows Profiles have already been created. To add new users go to CONTROL PANEL/DISC ICE™ USER MANAGEMENT. Click on "New User Wizard" and follow the on screen prompts.

## 3. TRANSPORTING THE PC

The Lock can be removed from the PC at any time - the "PC locked" logo will appear and the PC will be inoperable during the time that the Lock is disconnected. Re-insert the Lock when required (The PC does not have to be powered down to do this)

For security reasons DO NOT PLACE THE KEY AND THE LOCK in the same place while the PC is in transit, i.e. the PC carry case!

## 4. CHANGING THE LOCK/UNLOCK RANGE

This feature is only available with the Disc Ice™ BLUE product.

The range at which the PC will lock is preset and, depending on the prevailing conditions could be as far as 3-4 meters from the PC. It is recommended that immediately after rebooting the PC the lock/unlock range is set to suit your specific requirements.

To do this, go to PROGRAMMES/DISC ICE and select Disc Ice VIEWER and left click.

A green and red pie chart with a green bar will appear at the right bottom of your desk top.

A second small "yellow lock" icon will appear in the right bottom of the Task Bar. RIGHT click and you will be presented with the following:

"Bar"	already checked and this can be closed by unmarking the box
"RSSI and a number"	this indicates the proximity of the Key to the Lock (please note that the number is just that and does not denote inches, cm's, etc).
"Exit"	To close the pie chart and remove the lock icon from the task bar.

### TO CHANGE THE LOCK/UNLOCK RANGE

Place the Blue Key at the spot where you would like to the PC to most frequently lock. This should be within the read range of the Lock (no more than about 4-5 meters from the Lock).

Move the cursor over the RSSI line and the line" Set to and a number will appear. This number is the new range at which the Key is being read. Left click on the line and this will now become the new lock/unlock range. There is no need to reboot the PC.

This process can be followed whenever you need to change the range however it is recommended that before changing a second or third time, etc RESET the range to the original settings and then reboot and change the range. The RESET selection can be found below the "Set to....." selection.



The pie chart provides a visual guide as to the closeness of the Key. The more green reflected by the pie chart the closer the key is to the lock. Please note this is a guideline only. Should the pie chart show more red than green it is advisable to move the key closer to the lock to avoid a "lock out".

## 5. IMPORTANT POINTS

It is possible that after installing DISC ICE™ the PC may take longer than usual to reboot for the first time. This delay may be more noticeable where there are multiple profiles. When adding additional profiles it is important that you Log off and do not shut down.

It is important to remember that should a user on a multi profile PC log out and a new user come to log in they will need to type in their user name.

Please note that should the PC be slowed down by other software, e.g. Anti Virus software, that this slow down is not a function or cause of DISC ICE™

### **ANY FILES WITHIN THE ENCRYPTED PORTION SHOULD BE REMOVED AND PLACED ELSEWHERE PRIOR TO UNINSTALLING DISC ICE™ OR THEY WILL BE LOST**

Please note that the hardware is linked via RF and from time to time other devices may temporarily interfere with the RF signal in your location which may cause a very brief "lock out" with the DISC ICE™ logo being presented on your screen. If the "lock out" persists for any length of time move the DISC ICE™ Key closer to the DISC ICE™ Lock or if in your pocket remove it and place it near your work station. Please always remember the prescribed or selected lock/unlock range. Contact your local distributor or [info@discice.com](mailto:info@discice.com) if the problem persists.

## 6. NETWORK INSTALLATION

This version of DISC ICE™ allows for the product to be used on a WINDOWS AND LINUX based Network however NO SPECIAL network related activities are required to install. The product will operate independently of the Network and will in no way interfere with the network system. The PC can be used connected to the network or stand alone. Due to the individual characteristics of some Networks it may be necessary for the IT Administrator to assist with the installation, e.g. some Networks might require the user to enter domain, password and name before accepting DISC ICE™

## 7. UNINSTALL

To uninstall DISC ICE™ Select Programmes/DISC ICE™/uninstall  
Enter password  
You will need to restart the computer.

### **INFORMATION TO USER:**

Changes or modifications not expressly approved by Disc Ice™, could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

**FOR A MORE DETAILED DESCRIPTION OF THE ATTRIBUTES OF DISC ICE™ PLEASE REFER TO THE FREQUENTLY ASKED QUESTIONS (FAQ's) WHICH CAN BE FOUND ON OUR WEB SITE [www.discice.com](http://www.discice.com)**