

## Protect your personal data while engaging in IT related activities - Supplement

### *Transmission and Storage of Important Personal Data:*

If recipients have electronic certificates (e-Cert), you may have your emails encrypted by their e-Cert.

### *Computer Repair and Disposal:*

Before repairing, disposing of or assigning their computers, users are advised to erase the data in the hard disks by file deletion software such as File Shredder, Inferno; or to “fully” format the hard disks several times with the low level format software provided by hard disk manufacturers; or to erase the data of the hard disks thoroughly by software such as Darik’s Boot and Nuke.

### *Appendix:*

#### **Encryption Software and Related Website**

**TrueCrypt** : encrypts a partition in a storage device or hard disk. A password is needed when accessing the files or data in the encrypted partition. Different security levels are available.

Website : <http://www.truecrypt.org/>

#### **Professional Encryption Software and Related Website**

**DriveCrypt** : encrypts the whole hard disk. Different security levels are available.

Website : [http://www.securstar.com/disk\\_encryption.php](http://www.securstar.com/disk_encryption.php)

**Entrust Entelligence (Media Security)** : encrypts specified files or folders. Different security levels are available.

Website : <http://www.entrust.com/data-protection/file-encryption/index.htm>

#### **Data Deletion Software and Related Website**

**Darik’s Boot and Nuke** : deletes the data of the whole hard disk or a partition of it. Different security levels are available.

Website : <http://www.dban.org/>

**File Shredder** : deletes specified data or files completely. Different security levels are available.

Website : <http://www.fileshredder.org/>

**Inferno** : deletes specified data or files completely. Different security levels are available.

Website : <http://inferno.sourceforge.net/>

#### **HDD Low Level Format Software and Related Website**

**Data Lifeguard Diagnostic** : specifically for low level formatting of Western Digital hard drives.

Website : <http://support.wdc.com/product/download.asp>

**Drive Fitness Test** : specifically for low level formatting of Hitachi hard drives.

Website : <http://www.hitachigst.com/hdd/support/download.htm>

**Erase Utility** : specifically for low level formatting of Fujitsu hard drives.

Website : <http://www.fujitsu.com/us/services/computing/storage/hdd/support/utilities.html>

**ES-Tool** : specifically for low level formatting of Samsung hard drives.

Website : [http://www.samsung.com/global/business/hdd/support/utilities/ES\\_Tool.html](http://www.samsung.com/global/business/hdd/support/utilities/ES_Tool.html)

**Seagate DiscWizard / MaxBlast** : specifically for low level formatting of Seagate / Maxtor hard drives.

Website : <http://www.seagate.com/www/en-us/support/downloads/>

**Disclaimer:** *The security measures and the use of products or software suggested in this supplement do not constitute our recommendation of any kind. There are other similar resources available online. Individuals have to consider their needs cautiously. The Privacy Commissioner for Personal Data (“the Commissioner”) shall not accept any liability for any loss or damage howsoever arising from any use of the products or software. The Commissioner makes no express or implied warranties of accuracy or fitness for a particular purpose or use with respect to the above information. The above suggestions will not affect the functions and power conferred to the Commissioner under the Ordinance.*