



# DATA Security

# Introduction



- Data Security is about to keeping our data safe from accidental or malicious damage.
- The responsibility to protect the data from theft, breach of confidentiality, premature and other unauthorized release.
- Data can be lost in various ways such as viruses, user errors, computer crashes, hacking, etc. To protect data loss controls need to put in place.
- Some virus will stole your data. A virus is a self replicating program that spreads by inserting copies of itself into other executable code or documents.



## Examples of Data

- Personal Photos
- Business Documents
- Personal Documents
- Contacts
- Bank Details and etc.



## Data Encryption

- Encryption is a great data management tool for secure the data and transmission of files and encryption.
- It means of scrambling data so that it can only be read by the person holding the encryption "key". The key is a secret code that only authorized user share.



## How to keep protect Data

- Establish strong passwords
- Put up a strong firewall
- Install antivirus protection
- Update your programs regularly
- Backup regularly
- Careful about e-mail, IM and surfing the web.