

# DIGITAL SECURITY & PRIVACY

INCREASING WEB AND INTERNET BASED THREATS AS WELL AS THE SURVEILLANCE OF MOBILE TELECOMMUNICATIONS NEGATIVELY IMPACTS ADVOCACY FOR HUMAN RIGHTS.

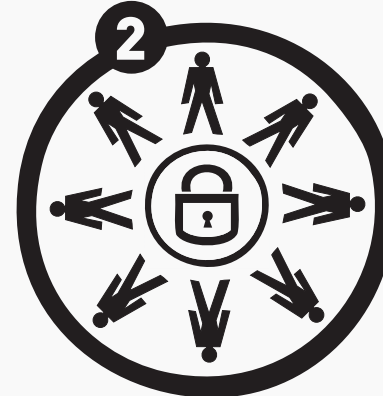
THIS POSTER COVERS IMPORTANT STEPS YOU CAN TAKE TO PROTECT YOURSELF FROM ONLINE ATTACKS AND SURVEILLANCE.

## THE BASICS OF DIGITAL SECURITY

THE 3 FEATURES OF SECURITY



THERE IS NO ABSOLUTE SECURITY



DIGITAL SECURITY IT IS A SHARED RESPONSIBILITY



ONLY AS GOOD AS THE WEAKEST LINK

TO ENSURE THE PRIVACY OF DIGITAL DATA, A NUMBER OF EXTERNAL VARIABLES MUST ALSO BE CONSIDERED: FILES & DATA ► COMPUTER ► WORKSPACE ► ROOM ► BUILDING ► ENVIRONMENT

## PASSWORD SECURITY

### BIOS LEVEL PASSWORD

- ▲ Depends on laptop
- ▲ Can't boot without password
- ▲ Immensely difficult to hack
- ▲ (but **NOT** impossible)
- ▲ Drive can be read on another computer

### WINDOWS PASSWORD

- ▲ A password to enter Windows
- ▲ Better than nothing
- ▲ Easy to crack
- ▲ Does **NOT** encrypt file contents
- ▲ Drive can be read on another computer

### CREATING A GOOD PASSWORD

Always copy and paste passwords online using a password manager programme. Try to avoid typing them in.

Use at least 10 alpha-numeric and ASCII characters to create a strong password.

### EXAMPLES

- 🔒 I was born on 9<sup>th</sup> April 1977 in Colombo
- 🔒 lwbo9A1977iC
- 🔒 Why are you sad today?
- 🔒 WrU:-{2d?

## OS SECURITY

### GET A LICENSED COPY OF THE OS

Buy or install a licensed copy of Windows

- ▲ Most laptops now come with licensed copies.
- ▲ Now worth the investment for enhanced security.

### DISADVANTAGES OF A PIRATED OS

- ▲ Unwanted software now come built in.
- ▲ Can't install security updates and OS upgrades.

### PROTECTION MADE EASY

Install **ONE** anti-virus & **ONE** anti-spyware programme

- ▲ **Always** enable a Firewall
- ▲ **Always** Get latest updates (Automatic Updates)

## MAIL SECURITY

### SAFE AND BEST EMAIL PRACTICES

Caution and prevention are better than remedy

- ▲ **Always** use a signature
- ▲ Optionally, get a digital signature (Verisign)
- ▲ If security is a **VERY** high concern, use GPG encrypted emails within closed group
- ▲ Use phonetics to convey meaning: Human Rights = "Ooman writes" "whoman rites"
- ▲ Use words instead of human rights heat/supplies = "heat is bad"/"supplies are bleak"
- ▲ Use BCC for group emails
- ▲ **Never** use fancy email templates, just stick to plain text
- ▲ **Never** click on unknown attachments (esp. from unknown senders)
- ▲ **Never** use the same email for advocacy, professional or personal correspondence
- ▲ Subject lines are **Never** encrypted

## DATA SECURITY

### BACKUP DATA CONSTANTLY

- 🔒 High Capacity Portable HDD or
- 🔒 At least a high capacity USB drive
- 🔒 **Always** keep offsite
- 🔒 **Always** use TRUECRYPT to Encrypt

## MOBILE SECURITY

Security on mobiles is still not as advanced as computers. data on your mobile is not too different from that on your PC and perhaps even more sensitive.

### BE AWARE | What do you have on your mobile?

Contact names, phone numbers, emails, SMS history, call logs, photos, video, audio, calendar information & maybe even files or other possibly sensitive data.

### STRENGTHENING SECURITY

- ▲ **Do** invest in smartphone that can run the mobile version of Skype over 3G & WiFi
- ▲ **Always** enable encryption on smartphone, or at least numeric passcode if available
- ▲ **Always** be mindful of stored data
- ▲ **Always** secure via a password
- ▲ **Never** share confidential information over SMS

## IM & VOICE CALL SECURITY

### INSTANT MESSAGING

Yahoo!, MSN Instant Messengers are less secure than Skype. Stick to one client and be aware of data and info you disclose.

- ▲ **Never** accept files from contacts one does not know
- ▲ **Never** share confidential information
- ▲ File Transfers are only secure through Skype

### DELETE CALL AND CHAT HISTORY IN SKYPE

Deleting call & chat history is highly advised. Call > Recent Calls > Delete Recent Calls

You can also customize your privacy settings. Skype > Tools > Options > Privacy



<http://security.ngoinabox.org>



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