2.4 Cyber-Safety

Protect Your Computer

The Internet is a global network of networks with billions of connected computers.

Protect Your Computer

Unfortunately, not all of those computers are used by honest, law abiding citizens.

Protect Your Computer

Protect your PC from external threats by installing antivirus software and updating and running it on a regular basis.

Protect Your Computer

There are many vendors who produce anti-virus software, and deciding which one to choose can be confusing.

Protect Your Computer

All anti-virus software performs the same function, so your decision may be driven by recommendations, particular features, availability, or price.

Protect Your Computer

Installing any anti-virus software, regardless of which package you choose, increases your level of protection.

Protect Your Computer

Anti-virus software scans files or your computer's memory for certain patterns that may indicate an infection.

Protect Your Computer

The patterns it looks for are based on the signatures, or definitions, of *known* viruses.

Protect Your Computer

Virus authors are continually releasing new and updated viruses, so it is important that you have the latest definitions installed on your computer.

Protect Your Computer

Automatic Scans - Depending what software you choose, you may be able to configure it to automatically scan specific files or directories and prompt you at set intervals to perform complete scans.

Protect Your Computer

Manual Scans - It is also a good idea to manually scan files you receive from an outside source before opening them. This would involve saving and scanning email attachments or web downloads rather than selecting the option to open them directly from the source.

Protect Your Computer

Downloading- Only download from TRUSTED sites. Use the criteria we used to evaluate web sites in the information literacy section of this training session to help you determine whether or not you can TRUST a particular website.

Protect Your Computer

Downloading- Never open a file directly from its source. Save the file to your computer. Right mouse click on the file and choose to SCAN the file for viruses before opening it.

Pause to
Search
for ourselves
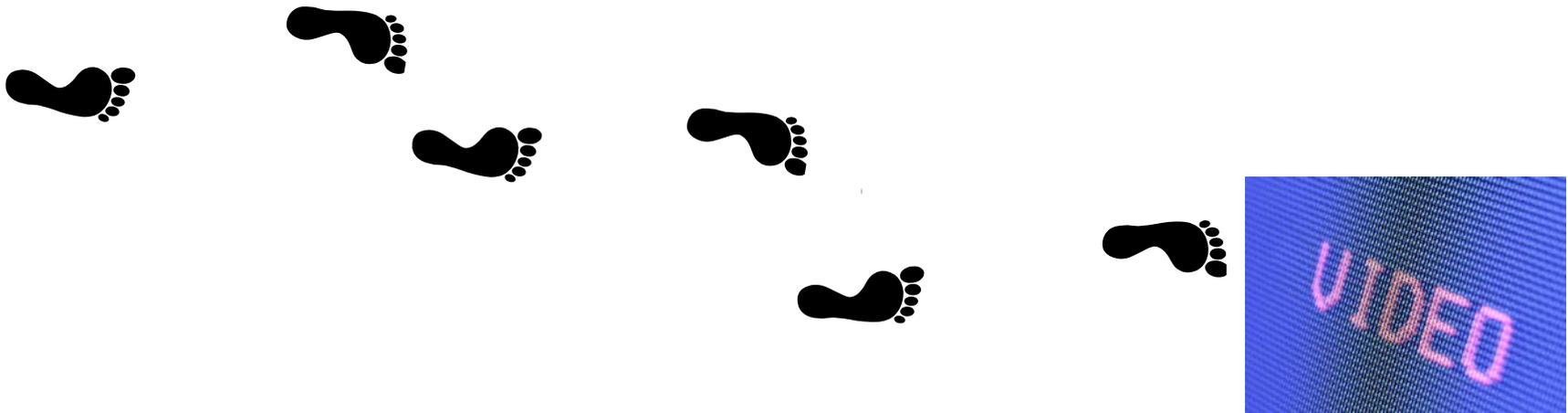
Protect Yourself

How many of you are comfortable with the results of the search you did on yourselves?

Protect Yourself

How many of you are comfortable with the results of the search you did on the famous person?

Why Worry?

Your digital footprint can tell much more about you than you were able to find using a search engine.

Tips to Protect Yourself

Do not share anything online that you would not want:
- your mother / grandmother
- your pastor
- your children or
- grandchildren to see!

Tips to Protect Yourself

Use STRONG passwords:

- You need to be able to remember your password.
- Other's, even those close to you, should not be able to guess your password.

Tips to Protect Yourself

- Avoid words which can be found in a dictionary.
- Avoid names and birthdays of loved ones or other easy to guess personal information.

Tips to Protect Yourself

8 or more characters
- Use a combination of:
- Letters (abc)
- Numbers (123)
- Special Characters (#$%_)

Tips to Protect Yourself

Create a phrase and use parts of it along with numbers and/or special characters.

- **P**asswords **A**re **H**ard **F**or **M**e **T**o **R**emember **78** could be **pahfmtr78**

- **O**nce **U**pon **A** **T**ime could be **ouat_5356**

Tips to Protect Yourself

NEVER tell anyone your password.

- Do not write it down.
- If you must write it down, keep it in a secure place.

Tips to Protect Yourself

Use Multiple passwords.

- Use one password for social media sites and email.
- Use another for online shopping sites.
- Use another for online banking.

Tips to Protect Yourself

Change your passwords once in a while.
- Most of the recommendations on the internet say to change your password every three months.

And Finally, a little bit of
COMMON SENSE
will go a long way toward protecting you while you surf the
World Wide Web!