

# Online Gaming Safety & Password Management

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# Objective

The objective of this presentation is to educate and create awareness amongst the community on use of Technology, Internet Media and its implications on possible cyber crimes.



# Cyber Security Threats Scenario

- 92% of the Indian youth was found to have shared private information online despite being aware that this is risky.
- 53% of youngsters trust the virtual world and interact with strangers.
- 51% of those polled didn't care about their online privacy at all.



# What is online gaming?

- Online gaming refers to video games played online, as opposed to gaming in the form of gambling
- Played on a variety of devices
- Young people may play video games with players they don't know



# Different types of online video gaming devices



- Consoles, like the Xbox, PlayStation and Nintendo Switch are usually played on a big screen
- Tablets and smartphones are played on the go
- Handheld devices like the 3DS and PlayStation Vita are less popular
- All require an internet connection to play



# Identifying key online video games



# Online video gaming environment

- anonymous.
- violent or dangerous.
- a space for grooming or inappropriate contact.
- abusive.
- where offensive language is used.
- a place with a bullying culture.
- difficult to limit your gaming time.
- a place to experience gambling.
- the cause of health problems.



# Online video gaming environment

- 20% of kids cyberbullied think about suicide, and 1 in 10 attempt it.
- 42% of teenagers with tech access report being cyberbullied over the past year
- Over 25 percent of adolescents and teens have been bullied repeatedly through their cell phones or the Internet.



# Online video gaming Frauds

Why?

Source Code / Intellectual Property (IP) Theft.

Card Fraud

Identity Theft

Bigger than Some Banks



# Strategies for reducing risk on video gaming sites

- Check the video game content by reading video game ratings
- Play the video game with your child/children
- Know how to block and report
- Activate any available safety settings
- Talk with your child/children about the video games



# Parental controls and video gaming

- Customize and set the features on your child's account
- Use an email you regularly check
- Create guidelines for the in-game communication
- Teach your child how to mute, block or report.
- Understand the code of conduct
- Watch your child/children play



# How to report an issue in an online video game?

- If you see content that is harassing, violent, you can report to the gaming site or game developer directly.
- If you are suspicious about someone's behaviour towards a child, report it to [CEOP](https://www.ceop.police.uk/safety-centre/)(<https://www.ceop.police.uk/safety-centre/>).
- If you see any criminal content you should report it to the [Internet Watch Foundation](https://www.iwf.org.uk/)(<https://www.iwf.org.uk/>).



# How to report an issue in an online video game?



## **ZIP IT**

Keep your personal stuff private and think about what you say and do online.



## **BLOCK IT**

Block people who send nasty messages and don't open unknown links and attachments.



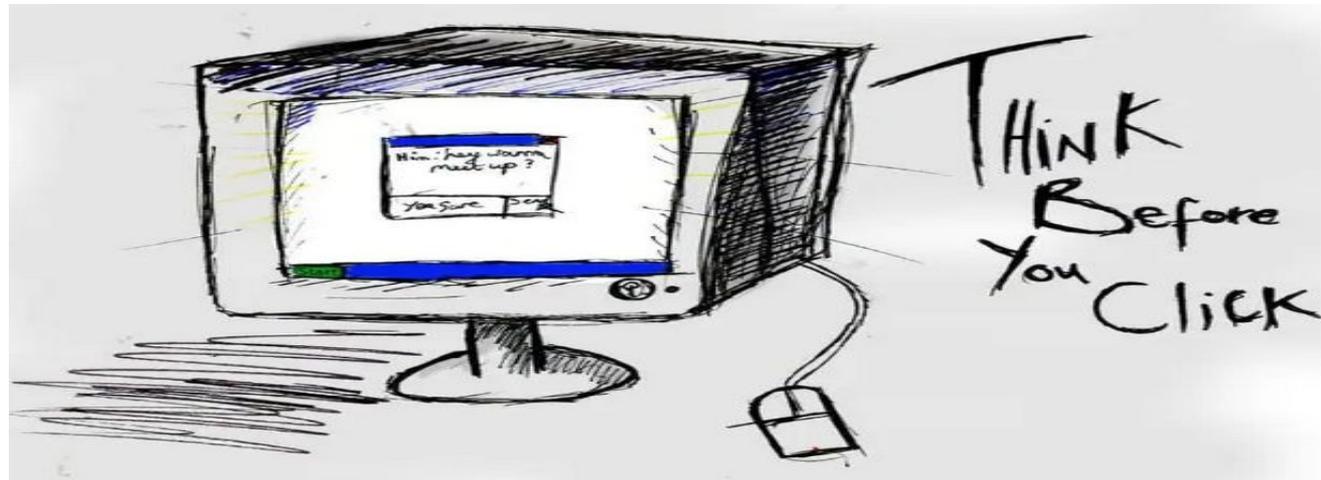
## **FLAG IT**

Flag up with someone you trust if anything upsets you or if someone asks to meet you offline.

# How to stay current with trends in video gaming issues?

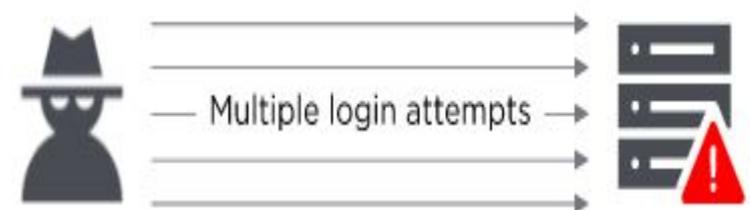
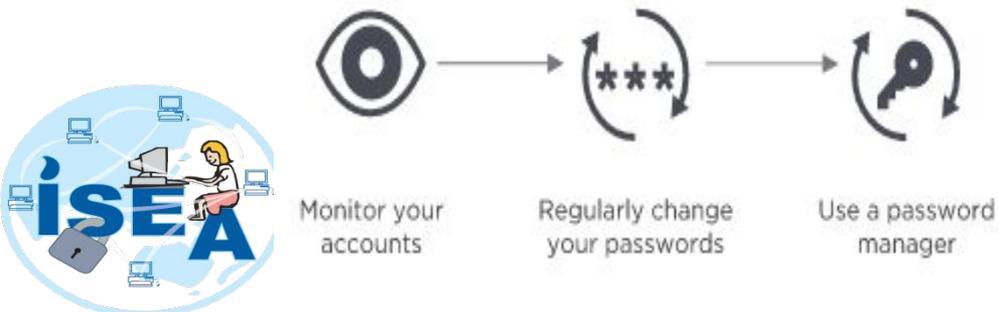
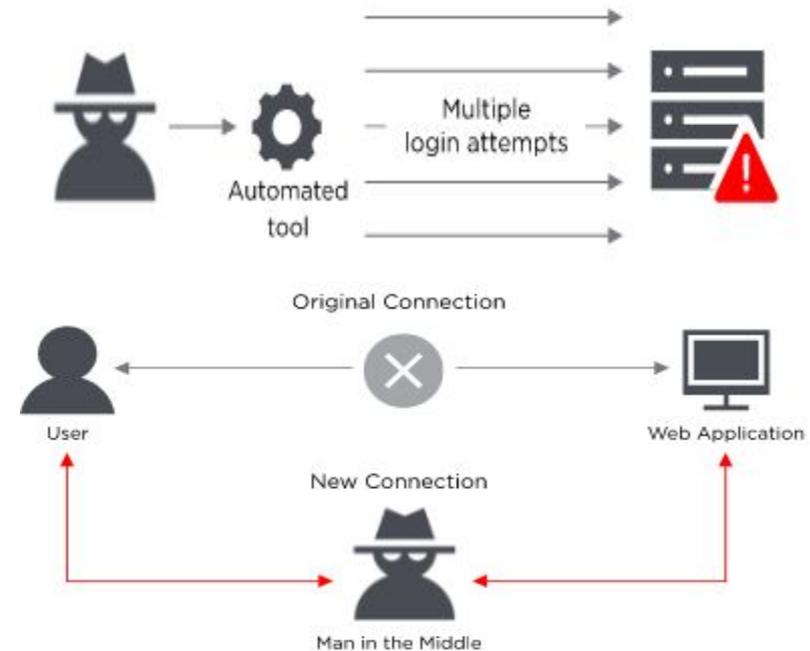


- Parents and carers can stay current with ever-changing trends by talking with their child/children.
- Active engagement around social media and video gaming trends helps parents and carers foster trust.



## Password Attacks

- Brute force attack
- Password Guessing
- Phishing
- Man-in-the-middle attack
- Dictionary attack
- Credential stuffing



## Password Security

Why would someone wants to steal your password ?

- Passwords are the only keys that prevent unauthorized
- entry to many systems.

Password Security Preventions –

- It should be separate for diff-2 email accounts.
- Don't ever reveal your passwords to anyone.
- Write down in a secure location.
- Change your passwords if compromised suspected.
- Add Complexity to passwords .



## Password Complexity

1. Choose at least 8 characters, including:
  - Uppercase
  - Lowercase
  - Numbers
  - Symbols such as @#\$%^&\*()!~'”
2. Avoid simple words
3. Don't pick names or nicknames of people
4. Don't include repeated characters
5. Avoid your BF/GF name 😊



EXAMPLE:

H1ghc0ur7#1”34”5da

## Data Protection

Computer data security is the process of preventing and detecting unauthorized use of your computer data.

It is concerned with 4 main areas –

- Confidentiality
- Integrity
- Availability
- Authentication



## Husband facing five years in jail after hacking wife's email

A husband who suspected his wife was having an affair faces up to five years in jail after reading her emails without her permission.



Prosecutor Jessica Cooper dismissed Walker's claims that he had used his wife's password to log on to the computer. Photo: ALAMY

7:09PM GMT 27 Dec 2010

Leon Walker has been charged under anti-hacking laws aimed at preventing identity theft in the **US**. The 33-year-old had suspected his wife Clara, who had been married twice before was having an affair with her former husband.



## Safety Tips

- 1) Use antivirus software (AVAST, AVG.....)
- 2) Insert firewalls , pop up blocker (Windows, Comodo)
- 3) Uninstall unnecessary software (Adwares)
- 4) Maintain backup (Weekly/Monthly)
- 5) Check security settings (Netstat)
- 6) Use secure connection (HTTPS)
- 7) Open attachments carefully
- 8) Use strong passwords , don't give personal information unless required.



FREE AVAST ANTIVIRUS FOR ONE YEAR –

<https://www.avast.com/registration-free-antivirus.php>

## I Promise

- 1) I will not fill out any forms that take asks for any personal information.
- 2) I will not get into arguments or fights online.
- 3) I won't keep online secrets from my parents.
- 4) If anyone sends me any bad picture, I'll inform to my parents/seniors.
- 5) If anyone asks me to do something which I am not supposed to do, I'll inform to my parents/seniors.
- 6) I'll not meet in person anyone whom I met online.
- 7) I won't use bad or rude language online.



# Any Enquiry

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THANK YOU

