



PRESENTER

WARREN WILLIAMS



Communication Forensics and Cybercrime Division
High Tech Crime Fighters

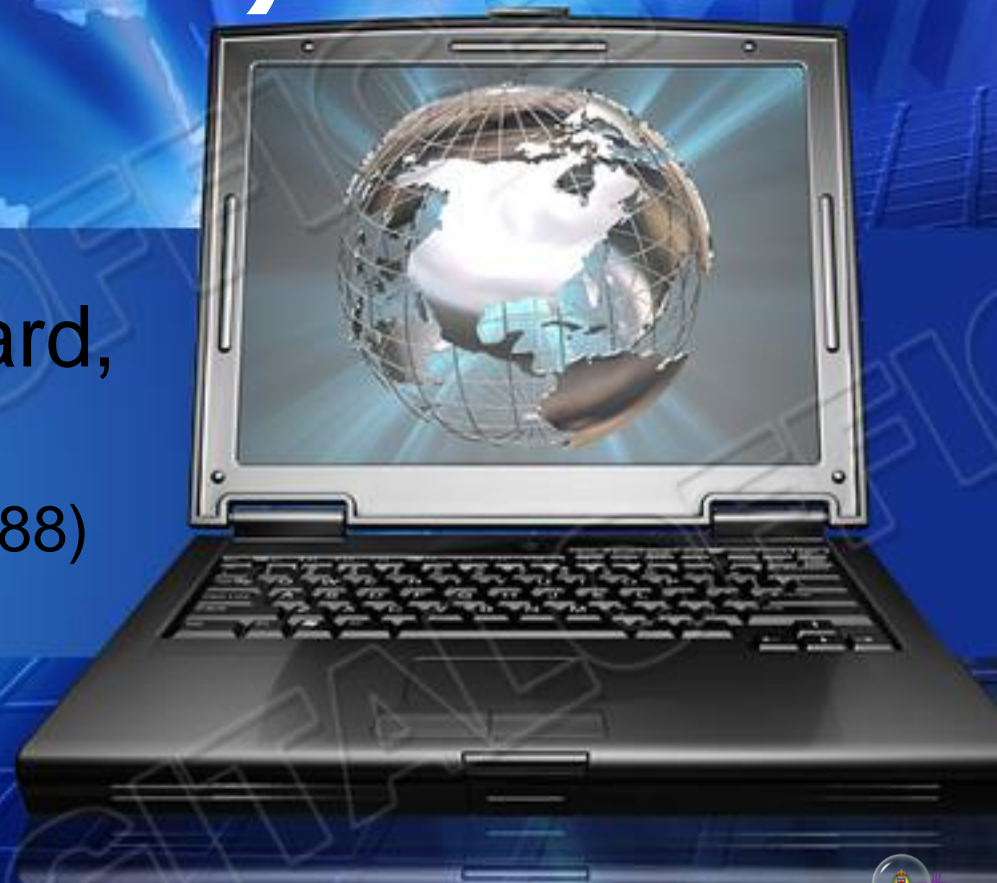


Counter Terrorism & Organised Crime Investigation Branch (C-TOC)

8 – 10 Ocean Boulevard,
Kingston Jamaica

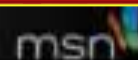
[876]967-5948, [867]922-3288)

Email: cfcd@jcf.gov.jm



WHERE WE ARE....

Paper is not dead



SHARE



| More Videos

AGENDA

CFCF

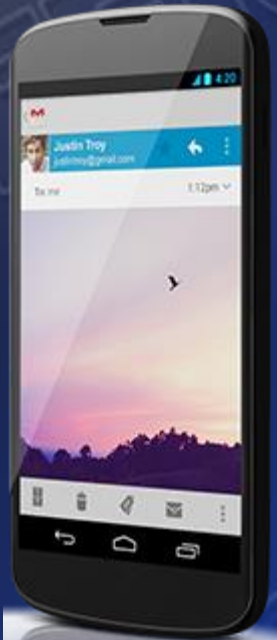
CRIME & TECHNOLOGY

CYBERCRIMES – A

Global/ Jamaican

PERSPECTIVE

Q & A



CFCD DEPARTMENTS

Digital Forensic Lab



**Communication
Forensics**



Digital Forensic Lab



**COMPTUER
FORENSICS**

**MOBILE
FORENSICS**

**VIDEO & AUDIO
FORENSICS**

**HIGHTECH DIGITAL
CRIMES**

**OTHER DIGITAL
FORENSICS**

Communication Forensics

The background of the slide is a photograph of a large satellite dish antenna array. The dish is white and mounted on a complex metal structure. The sky is blue with some clouds. The ground is dark and appears to be a field or a construction site.

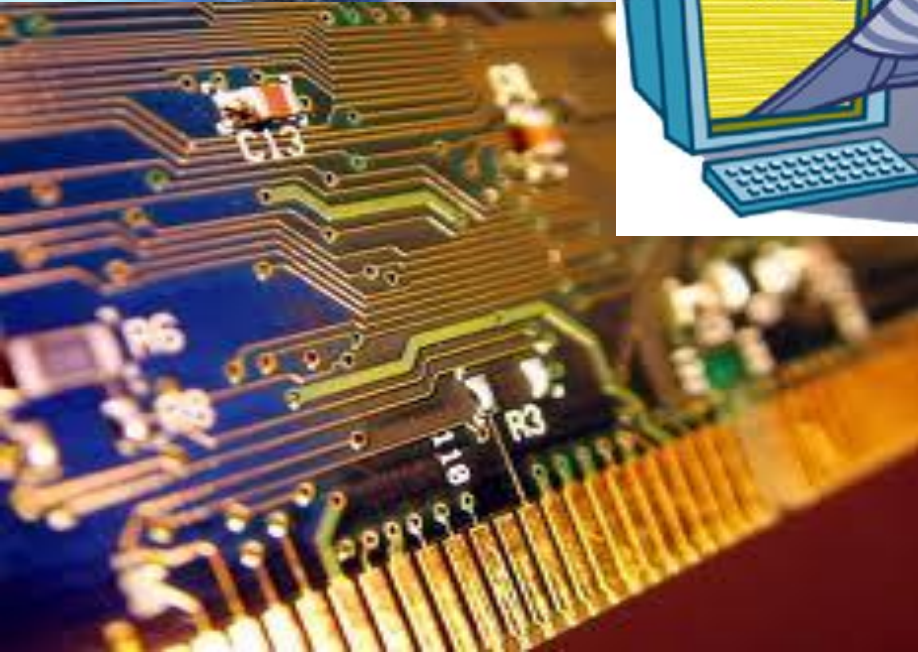
**CALL DATA
ANALYSIS**

**CELL SITE
SURVEY**

**SOCIAL
MEDIA
FORENSICS**

**RESEARCH &
DEVELOPMENT**

Crime & Technology



In the Beginning.....

- **The telephone – 1876**
- **The Transistor - 1947**
- **The computer – 1950**
- **The Internet
(ARPANET)– 1960**
- **TCP/IP - 1974**
- **IPV4 - 1974**



Now and beyond.....

- Smart devices
- IP based technologies
- IPV6
- RFID



What do you think this is?



What do you think this is?



DIGITAL CRIMES CAN BE

DISRUPTIVE

DESTRUCTIVE

BENIFICARY

Great

WHITE HAT

Global

Black Hat





ADVERSARY

Scan

Access

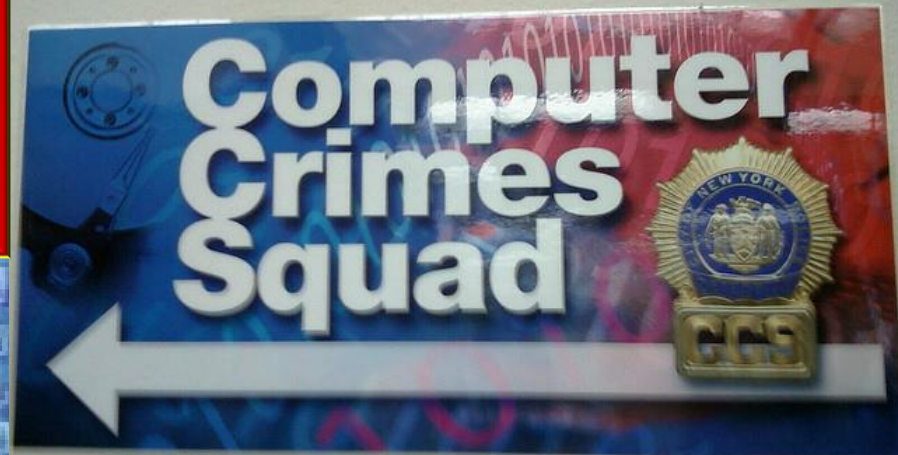
Control

Attack

Disrupt

Destroy

Different forms of Digital crimes



Mobile crimes

What is Cybercrime????

Cybercrime





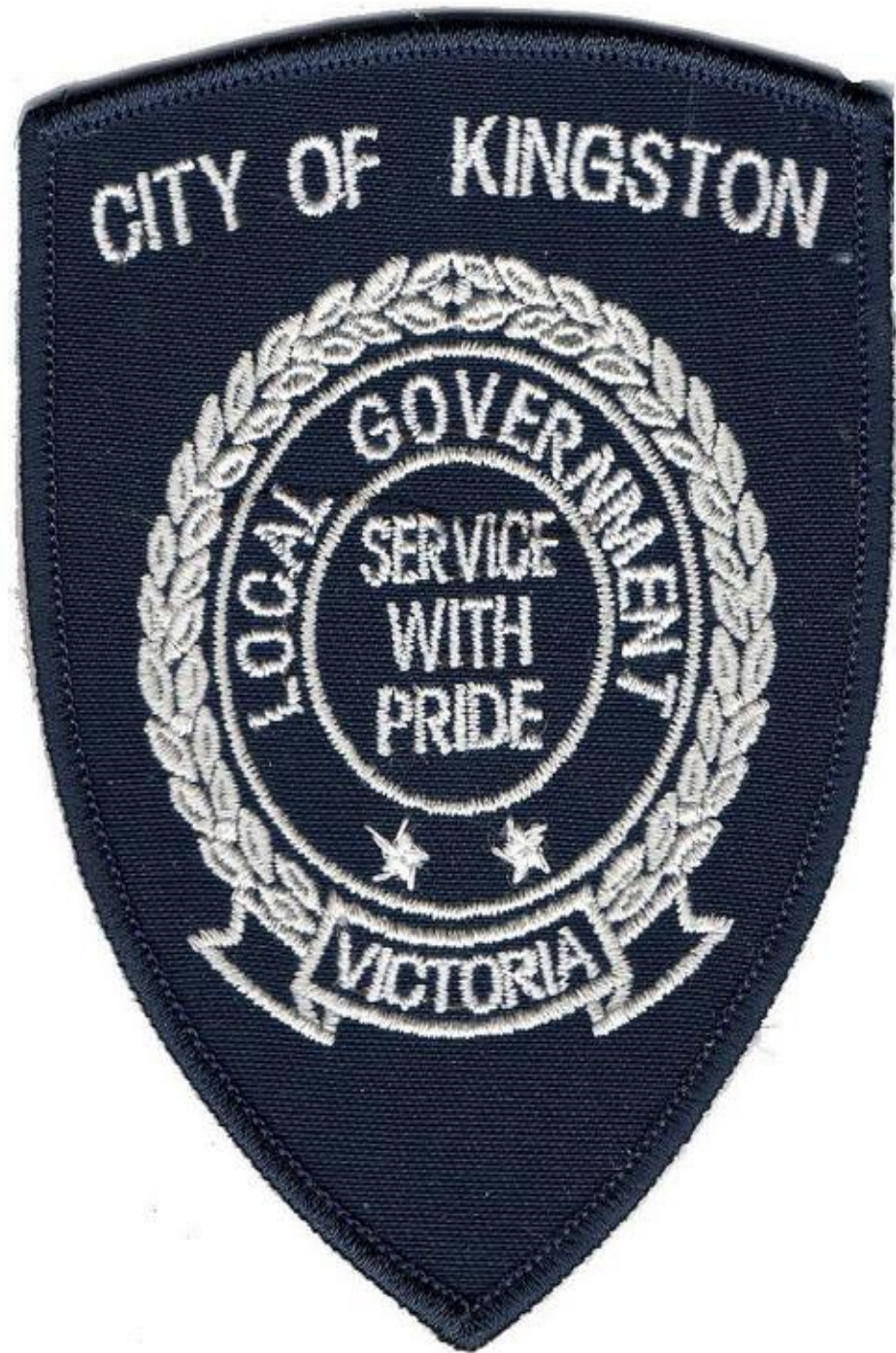
**illegal or
unauthorised access
or use of a
programmable digital
device to facilitate a
crime,
either as part of a
network or as a
standalone.**

Different Categories of Cybercrime

The image features a hand in the lower-left corner typing on a keyboard. The background is a dark blue and black space filled with green binary code (0s and 1s) that appears to be falling or scrolling. In the center-right, a computer monitor is visible, displaying a blurred interface with some text and graphics. The overall theme is digital technology and cybersecurity.

CYBERCRIME

AGAINST
GOVERNMENT



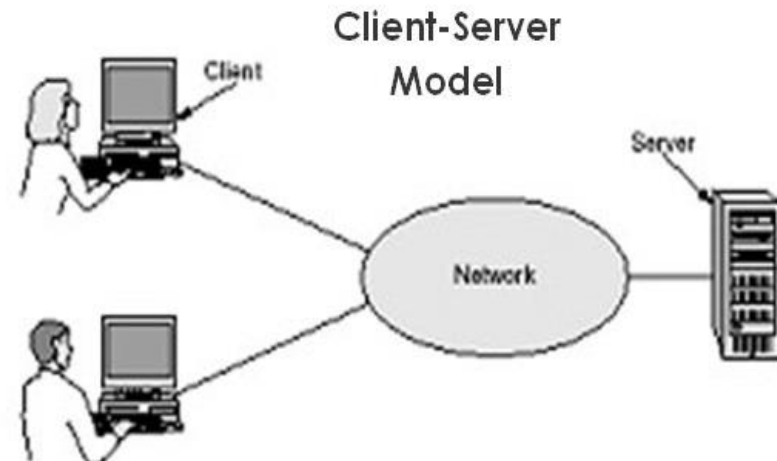
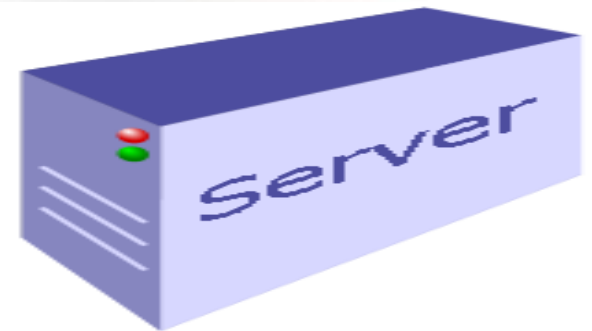
Critical Infrastructures

A collage of images representing critical infrastructure. At the top, a white commercial airplane is shown in flight. Below it, a blue and white globe of the Earth is centered. To the left of the globe is a large cargo ship. To the right of the globe are a red van and a blue truck, both viewed from the front.

.Public Utilities
.Energy
.Transportation
.Telco

CYBERCRIME

AGAINST
PROPERTY
(public/private)



CYBERCRIME

AGAINST
PERSON



FORMS OF CYBERCRIME

- **Cyber extortion**
- **Cyber Terrorism**
- **Hacktivism**
- **Revenge Porn**

- **Cyber Bullying**
- **Cyber Espionage**
- **Cyber defamation**
- **Data trafficking**

COMPUTER CRIMES

USING

On or off a network



**STOLEN
IDENTITY**



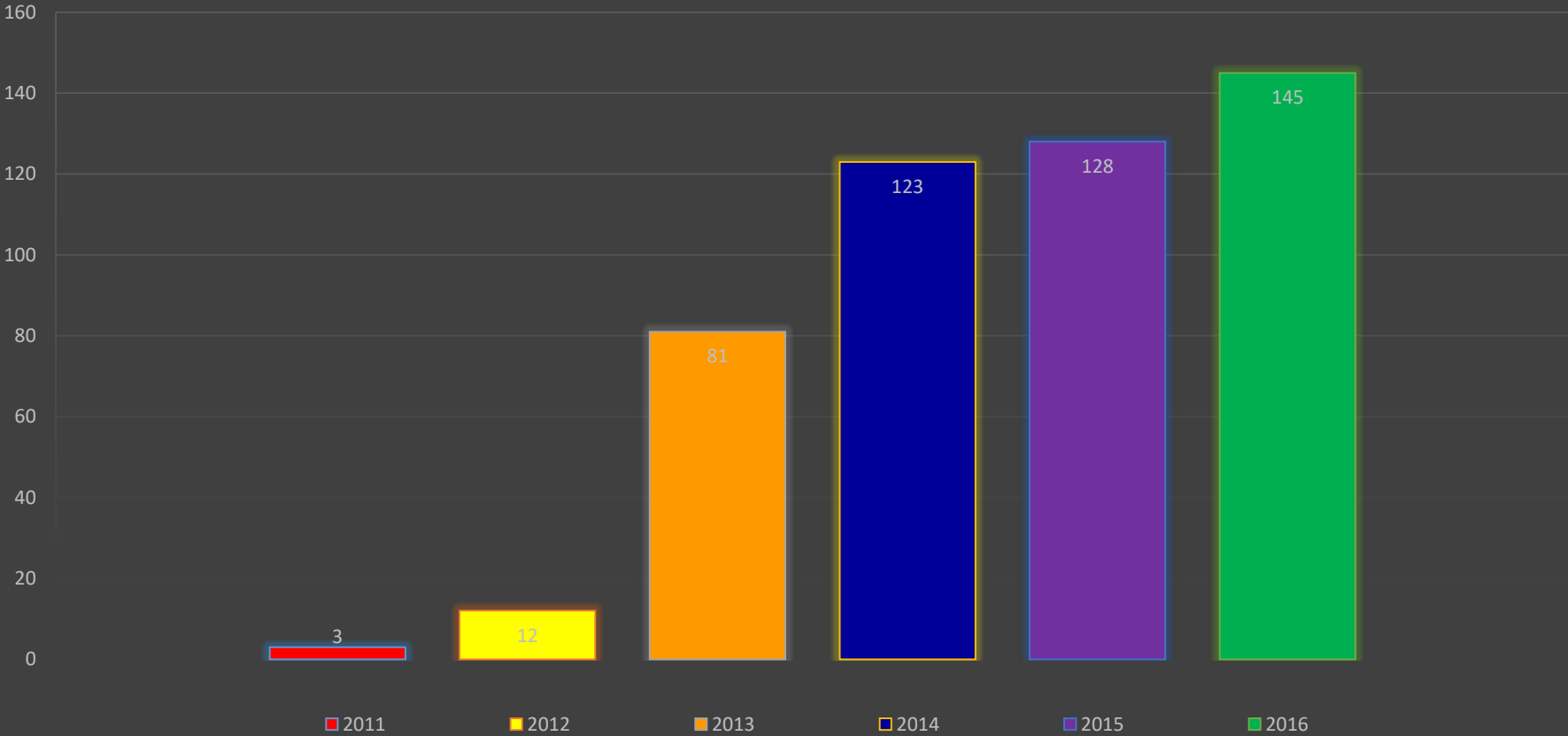
**ELECTRONIC
FRAUD**



**Programs &
tools**

ELECTRONIC FRAUD CASES

Electronic Fraud Reported to CTOC



MOBILE CRIMES

- .MURDER
- .ROBBERY
- .RAPE
- .DRUGS &
AMMUNITION
- .KIDNAP
- .ABDUCTION
- .EXTORTION
- .TERRORISM





Sexually suggestive pictures or videos of children is child pornography. Creating, possessing or distributing this kind of data is a **CRIME**.

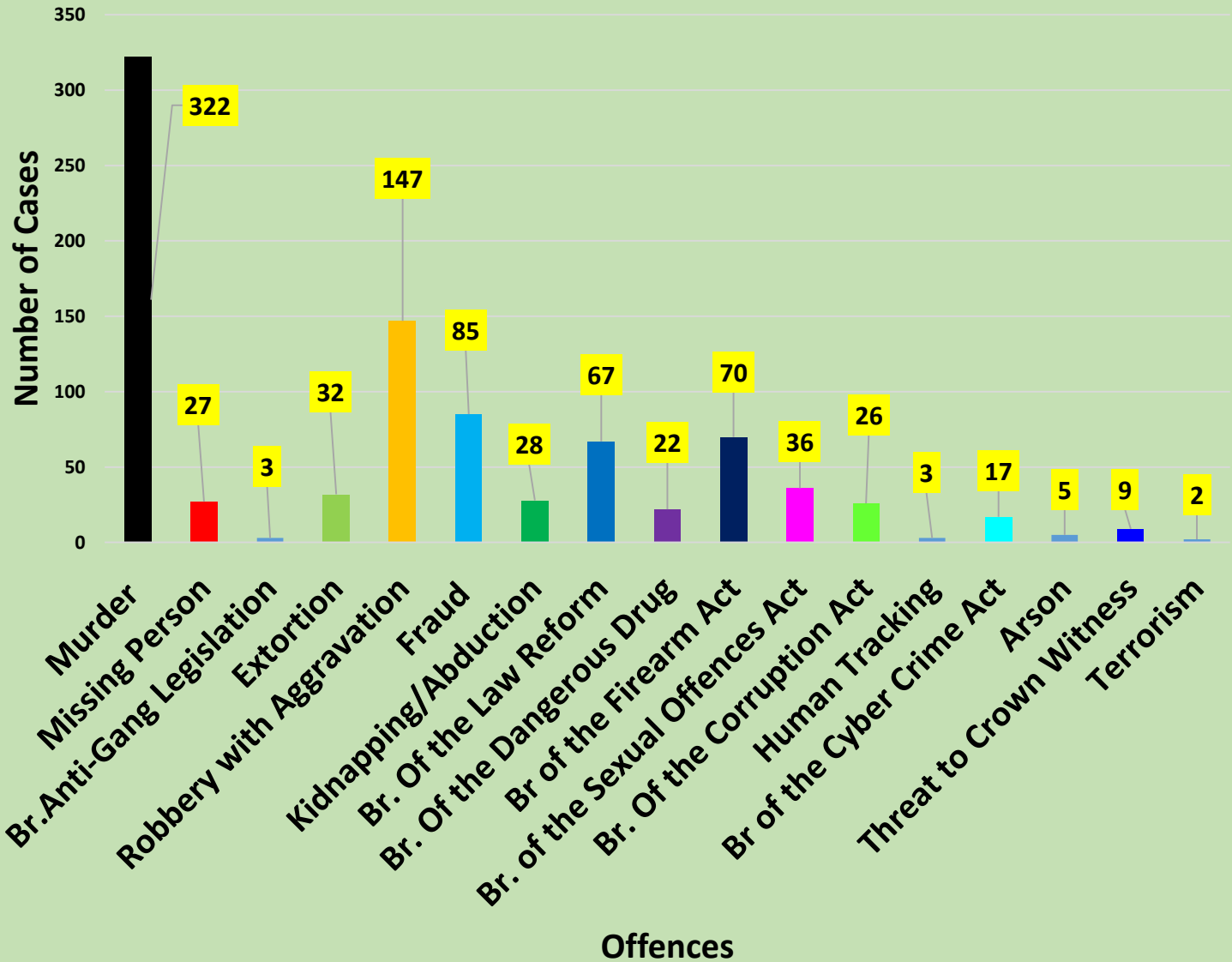
DEFINITION...

SEXTING

verb, sexually suggestive text messaging via mobile devices.



Cases per offence 2015



IMPLEMENT OF DIGITAL CRIMES





Legislation

CYBERCRIME LAW IS THE RICH AND POWERFUL'S DISLIKE BUTTON

NEW CYBERCRIMES ACT, 2015

PIXELOFFENSIVE

Legal Framework

Telecommunications Act 2000

**Interception of Communications
Act 2002**



I don't See any Borders

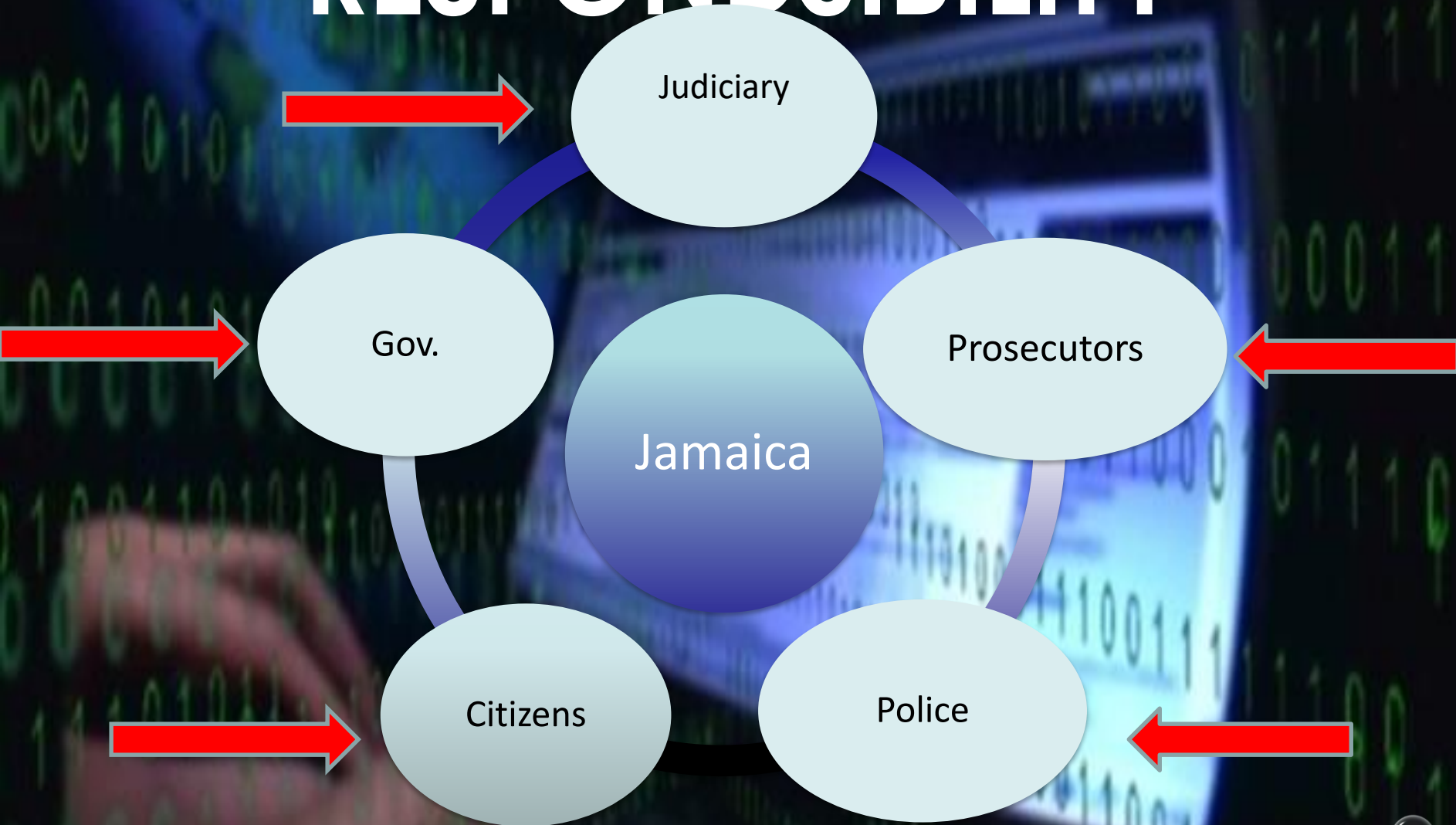


Do you?



UNCONSTRAINED
CREATIVITY

PERSONAL SAFETY IS OUR RESPONSIBILITY



Prevention & Protection

Do's

- Password protect everything.
- Sanitise all digital devices before use.
- Enable and use firewall tool(s).
- Protect wireless router access.

Don'ts

- Never leave blue tooth on.
- Never click untrusted cookies or websites.
- Never Volunteer personal information.
- Be lured to phishing.
- Get caught by Social Engineering

Use Digital Media Responsibly & Effectively



BEFORE YOU CLICK

OBSERVE

INVESTIGATE

CONCENTRATE



BE READY TO.....

Monitor

Address Vulnerabilities

Respond

Mitigate

Analyse

Recover

What can CFCID offer???

- **Digital evidence and cybercrime investigative support.**
- **Training & Technical Assistance.**
- **Digital lab services**

.....END OF PRESENTATION.....

THANK YOU

Q, A & S



Contact Information

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