Communication Forensics and Cybercrime Division
High Tech Crime Fighters
Counter Terrorism & Organised Crime Investigation Branch (C-TOC)

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WHERE WE ARE....
AGENDA

CFCD
CRIME & TECHNOLOGY
CYBERCRIMES – A
Global/ Jamaican
PERSPECTIVE
Q & A
CFCD DEPARTMENTS

Digital Forensic Lab

Communication Forensics
Communication Forensics

CALL DATA ANALYSIS

CELL SITE SURVEY

SOCIAL MEDIA FORENSICS

RESEARCH & DEVELOPMENT
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
Different forms of Digital crimes

cyber crime

Mobile crimes
What is 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
CYBERCRIME AGAINST GOVERNMENT
Critical Infrastructures

- 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
STOLEN IDENTITY

ELECTRONIC FRAUD

Programs & tools

ON OR OFF A NETWORK

USING
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.
Cases per offence 2015

Number of Cases

Offences

- Murder: 322
- Missing Person: 27
- Extortion: 3
- Robbery with Aggravation: 32
- Kidnapping/Abduction: 147
- Fraud: 85
- Br. of the Law Reform: 67
- Br. of the Dangerous Drug: 70
- Br. of the Sexual Offences Act: 22
- Br. of the Corruption Act: 36
- Human Tracking: 26
- Br of the Cyber Crime Act: 3
- Threat to Crown Witness: 17
- Arson: 5
- Witness: 9
- Terrorism: 2
IMPLEMENT OF DIGITAL CRIMES
Legislation
CYBERCRIME LAW IS THE RICH AND POWERFUL’S DISLIKE BUTTON

NEW CYBERCRIMES ACT, 2015

PIXELOFFENSIVE
I don’t See any Borders

Do you?

UNCLAI\[NED\]
PERSONAL SAFETY IS OUR RESPONSIBILITY

- Judiciary
- Prosecutors
- Police
- Citizens
- Gov.

Jamaica
<table>
<thead>
<tr>
<th><strong>Do’s</strong></th>
<th><strong>Don’ts</strong></th>
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<tbody>
<tr>
<td>Password protect everything.</td>
<td>Never leave blue tooth on.</td>
</tr>
<tr>
<td>Sanitise all digital devices before use.</td>
<td>Never click untrusted cookies or websites.</td>
</tr>
<tr>
<td>Enable and use firewall tool(s).</td>
<td>Never Volunteer personal information.</td>
</tr>
<tr>
<td>Protect wireless router access.</td>
<td>Be lured to phishing.</td>
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<td></td>
<td>Get caught by Social Engineering</td>
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Use Digital Media Responsibly & Effectively
BEFORE YOU CLICK

OBSERVE

INVESTIGATE

CONCENTRATE
BE READY TO

Monitor
Address Vulnerabilities
Respond
Mitigate
Analyse
Recover
Recover
What can CFCD 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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