

# VULNERABILITY OF THE FINANCIAL INSTITUTION



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ELECTRONIC FRAUD UNIT

# VULNERABILITY OF THE FINANCIAL INSTITUTION

- Financial Crime has been in the top tier of crime in Jamaica and has been evolving over the years.
- This has resulted in the loss of billions of dollars collectively by financial institutions.
- Though these institutions have been employing ways to combat this problem so are the perpetrators who are using technology to stay ahead of the game.
- Their main mode of operation is via the internet.

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- **Cyber-enabled Fraud** - The advent of the internet has facilitated cybercriminals with an efficient way to collude and exploit the vulnerabilities that exist within an organization's technological infrastructure.
- These criminals use technology to enter into the financial institutions, gain access to members' accounts and transferring and withdrawing funds without the knowledge and consent of the member or institutions.

# What is Electronic Fraud

- This type of financial crime is known as **Electronic Fraud** and is now classified as the # 1 crime affecting financial institutions.
- Also known as “**online fraud**” it is committed using the internet and involves unauthorized access to data, programs and networks
- interception of private information such as passwords, credit card information, or other types of so-called identity theft.
- This supports their impulse to expose, steal and trade sensitive financial data in order to commit their act of fraud.

# Types of Electronic Fraud

This is primarily achieved through the proliferation of social engineering networks such as: chat rooms, e-mails, online message boards and websites

## **RANGES**

- viruses that attack computers with the goal of retrieving personal information
- email schemes that lure victims into wiring money to fraudulent sources
- “phishing” emails that purport to be from official entities
- Account selling

# Offences and Legislations

- **Below are the main offences used when prosecuting these matters:**
- *Simple Larceny*- A felony punishable with imprisonment at Hard Labour not exceeding 5 years (Sect. 5 of the Larceny Act)
- *Unauthorized Access to a Computer Program or Data*:- Summary conviction before the Resident Magistrate Court for a fine not exceeding \$3,000,000 or imprisonment not exceeding 3 years. (Sect. 3 of the Cybercrime Act.2015).
- *Theft or forgery of Access Device*:- Fine or imprisonment not exceeding fifteen (15) years or both such fine or imprisonment. Sect. 8 (1) (c) (i) of the Law Reform (Fraudulent Transaction) (Special Provision) Act 2013.

# Matters reported to the police

## JANUARY – JUNE 2016

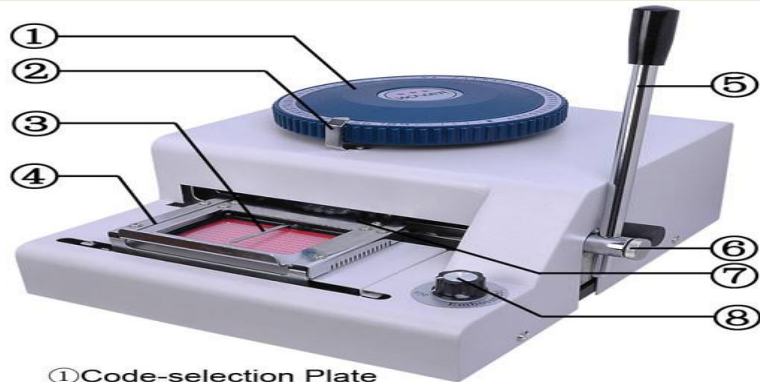
| No. of Reports | Monies involved                           | No. of Operations | No. of Arrests | Clear up/Arrest rate% |
|----------------|---|-------------------|----------------|-----------------------|
| 85             | J\$25,754,371.<br>67<br><br>US\$30,000.00 | 8                 | 8              | 9.4%                  |

# JULY – OCTOBER 2016

| No. of Reports | Monies involved                    | No. of Operations | No. Of Arrests | Clear up/Arrest rate% |
|----------------|------------------------------------|-------------------|----------------|-----------------------|
| 120            | J\$52,683,293.37<br>US\$457,800.50 | 20                | 20             | 16.66%                |



# Equipment for Forging



- ① Code-selection Plate
- ② Character Pointer
- ③ Row Spacing Ruler
- ④ Card Framework
- ⑤ Handle
- ⑥ Fastening Screw
- ⑦ PVC Card Tray
- ⑧ Word Spacing Adjusting Knob



# How to protect yourself from vulnerability

- Pay attention to the email addresses when we conduct business online
- Make sure the website is authentic by calling your bank or suppliers for verification
- Think before imputing information on online forms asking you for your personal information online, remember its “PERSONAL”
- Don't be so hasty to give information because you are anxious to make some money, as there is also someone on the other side who wants to make some money too.

# End of presentation

## THANK YOU!!!

