



**PRESENTER**

**WARREN WILLIAMS**



J.C.F.

C.F.C.U.

Communication Forensics and Cybercrime Unit

**High Tech Crime Fighters**



# Organised Crime Investigation Division

8 – 10 Ocean Boulevard,  
Kingston Jamaica

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

Email: [cfcu@jcf.gov.jm](mailto:cfcu@jcf.gov.jm)



# DEPARTMENTS

**COMPTUER  
FORENSICS**

**MOBILE  
FORENSICS**

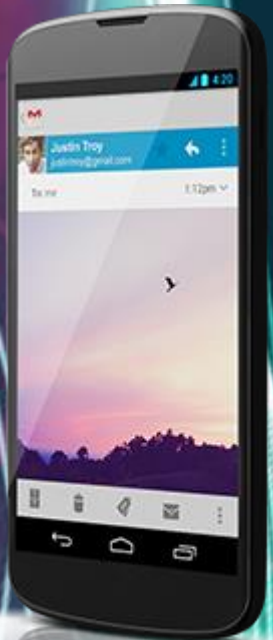
**COM.  
FORENSICS**

**VIDEO & AUDIO**

**CYBER &  
OTHER  
FORENSICS**

# AGENDA

- History of digital data
- Digital Crimes & Cyber security
- Cyber security Readiness





# Digital crimes



# 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 phone
- Tablet
- IP based technologies
- IPV6
- RFID





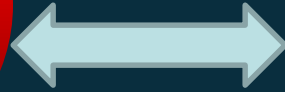
# DIGITAL TECHNOLOGY

CAN BE

**DECEPTIVE**

**DANGEROUS**

**BENEFICIARY**

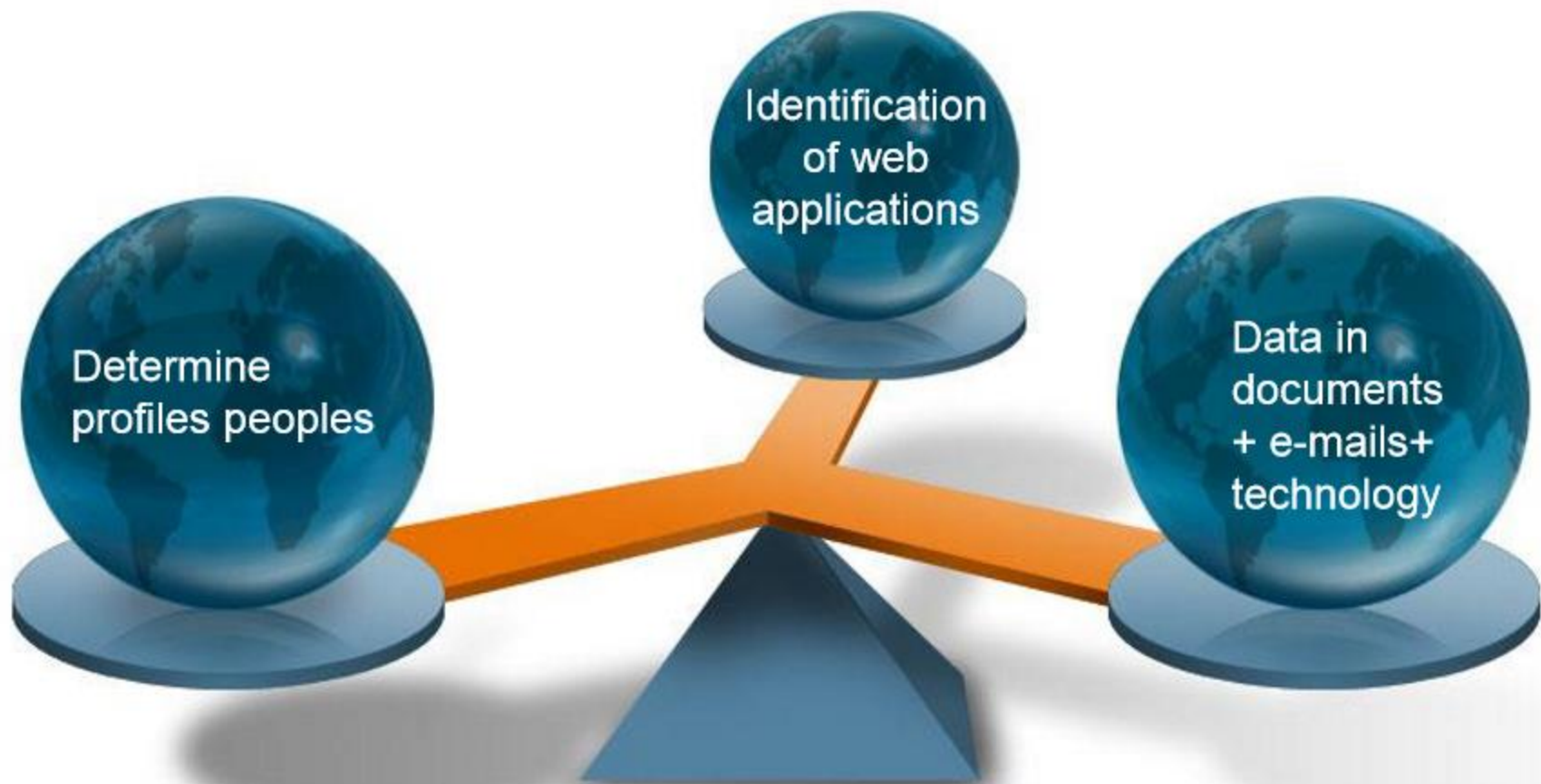


# Anywhere, Anytime





## Module IV



So far... What do we have?

## Module I

Who works with gathering information?

### Intruder

Someone who tries to get into another person's computer using computer software ”.

**White Hat**



Cyber Crimes Unit

CSIRTs

....

**Grey Hat**



Private agencies  
Specific persons

...

**Black Hat**



Cracker

Organized Crime

...

# Crackers



Person or teams

They do

computer  
viruses

Break System

Sell information

Of

Organization, peoples, government

Flame Malware

Banking Trojans

Multi Locker

Multi Locker





# Data theft.....

illegal & unauthorised  
( Cybercrime Act 2010)

# Legislative gap...

Data protection is an obligation

Heavy fines for data protection breach (Int'l)

Data retention but no data protection law in Jamaica.



**2014**

What's your experience in 2014?

**2015**

Cyber attack trends in Jamaica?  
Cybercrime trends in Jamaica?

**Banking Trojans?**

**APT?**

**Cyberspy?**



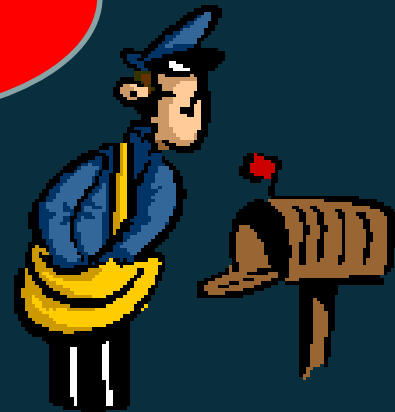


# Reported cases - 2014

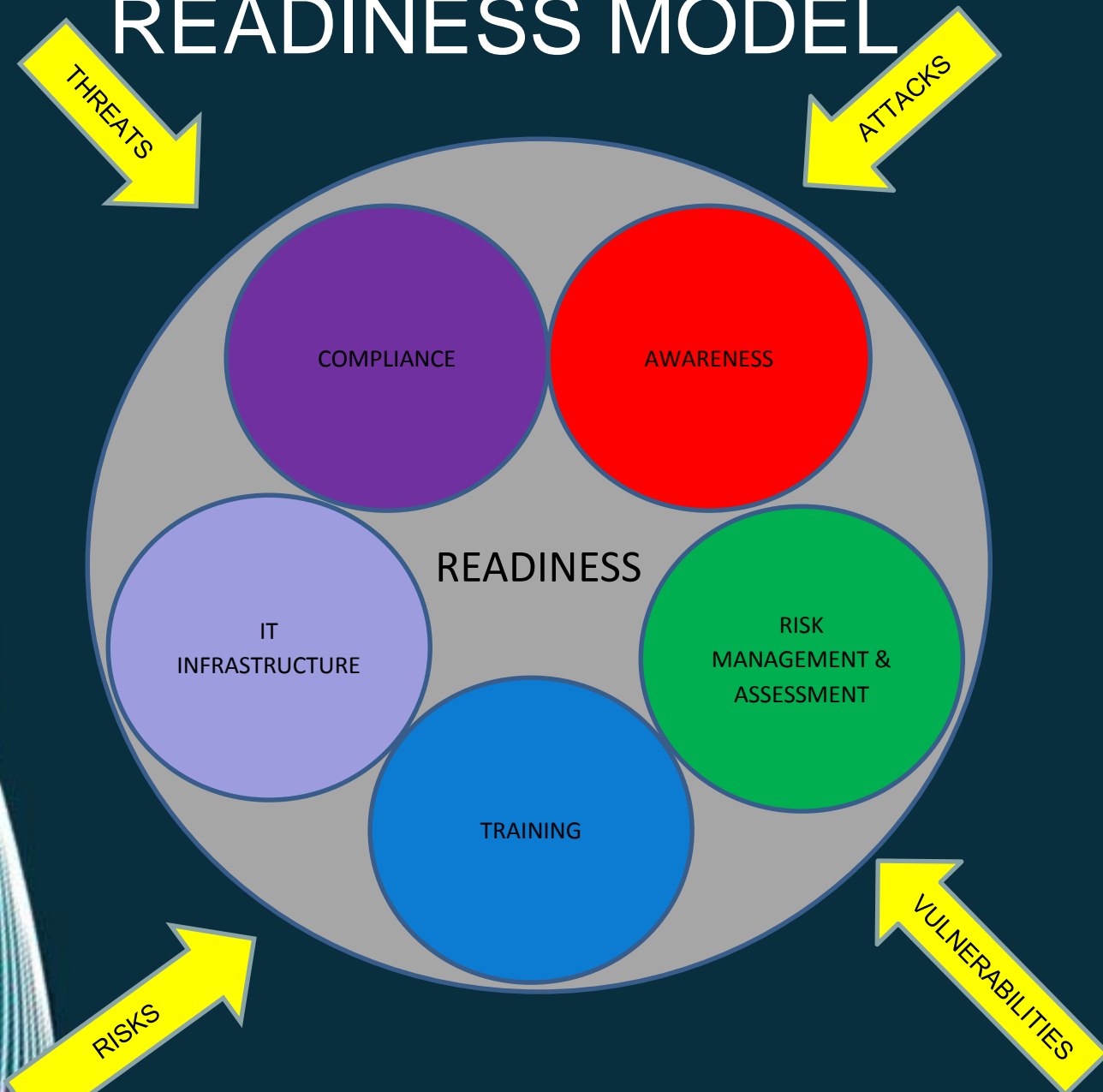
220 – GOJ Web defacement

108 – Unauthorized  
access

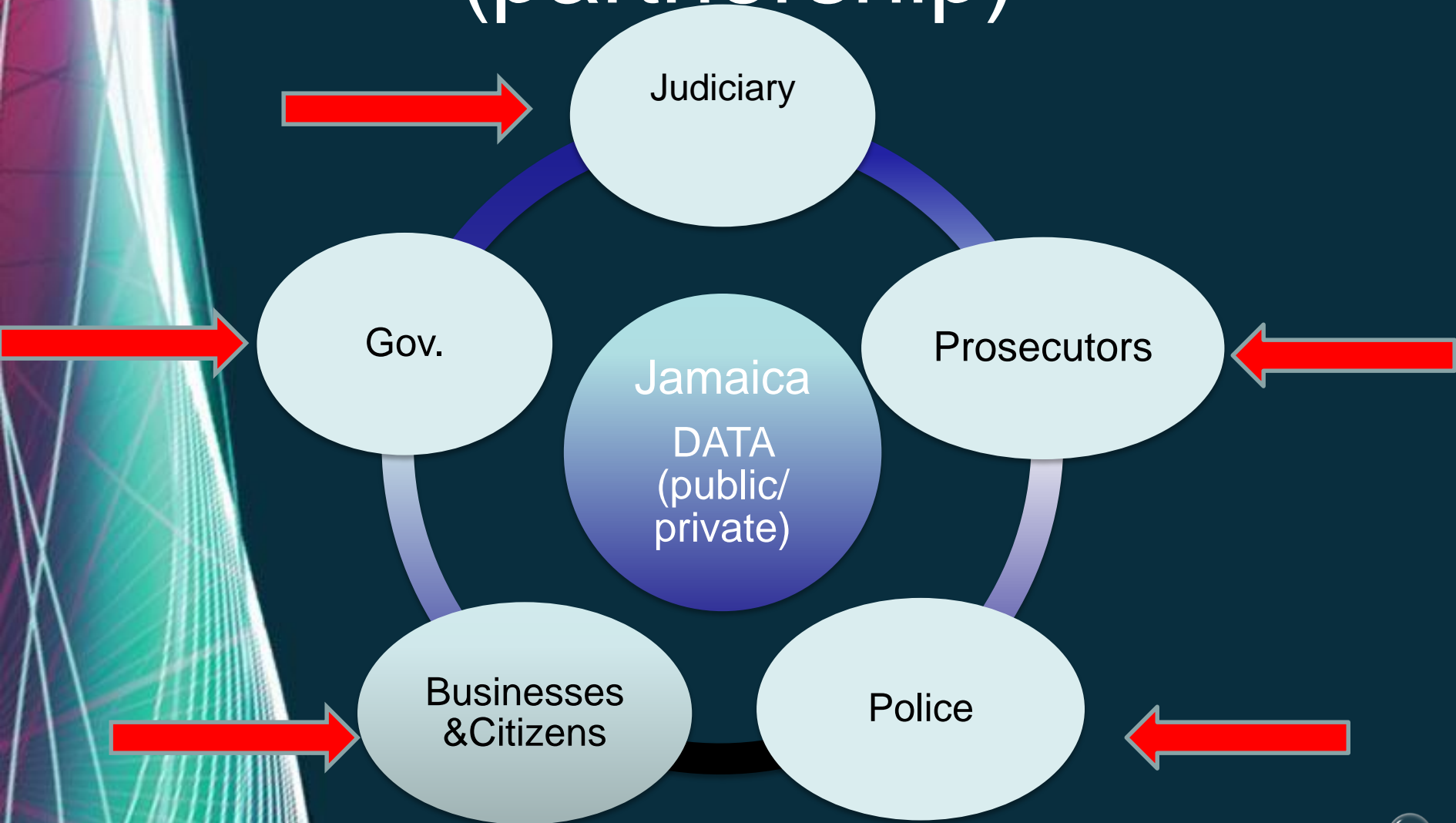
7 – Access with  
intent



# A CONCEPTUAL CYBER SECURITY READINESS MODEL



# CYBER SECURITY (partnership)



# COMMUNICATION FORENSIC & CYBERCRIME UNIT (CFCU)



**HERE TO MAKE  
YOU FEEL  
SAFE!!!**

**SAFE!!!**

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

■  
—————  
**THANK YOU**

**Q, A & S**

Q, A & S