



Caribbean Case Studies :

The Importance of Network Security



Introduction

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WARNING

This information that will be presented is **all true**, due to client confidentiality agreements names and some minor details have been changed.

The intent is **not to scare away** entrepreneurs, governments or any other entities.

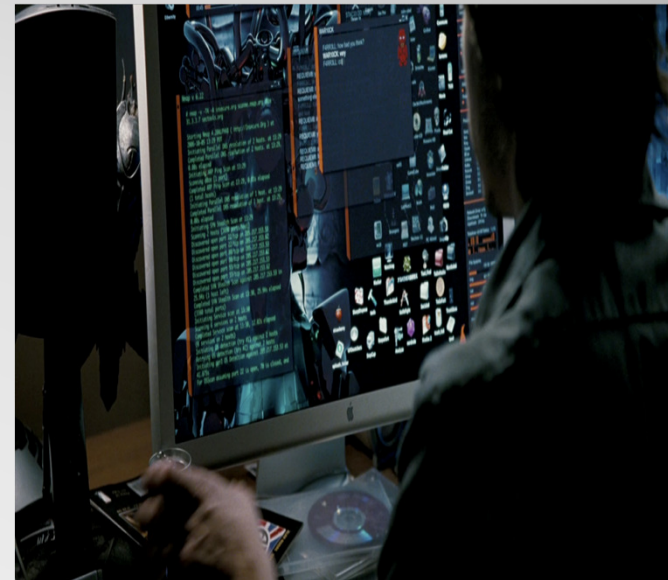
The intent of this briefing is to raise awareness so **proper precautions** can be taken.



Network Security Facts :

- Royal Bank of Scotland, hacked USD 9 million stolen
- Citibank Corp Bank, NY, US\$4 million stolen
- Bank of Antigua extensively hacked

APT. 602	BOGOTA D.C.	COLOMBIA	00	11320.44
CASA 36	BOGOTA	COLOMBIA	00	81344.3
VILLA ROSARIC	ARMENIA QUIN	COLOMBIA	000	10373.17
JUMBY BAY ISL	ANTIGUA	000		1454390.9
ST. MARY'S STR	ST.JOHN'S	ANTIGUA	000	76100.36
Woods Center	ANTIGUA	000		52900
EDIFICIO LA FO	CALI	COLOMBIA S.A	000	1165.76
St.John`s	ANTIGUA	000		17176.33
WOODS CENTE	ST. JOHN'S	ANTIGUA	000	43320





Case Study # 1 : Hacking Education

- At one Caribbean based private (well funded) school the following occurred :
- Student used a **free** hacking tool to gain access to a lab system.
- Student pivots from that one compromised system and escalates.
- Student social engineers and acquires teachers' passwords
- Student used the credentials to access teacher's folders.



Case Study # 2 : Hacking Banking

- **Several** banks in the Caribbean have been compromised.
- A large bank was targeted shortly after launch of netbanking.
- Using a **free** tool, they made an exact duplicate of the bank's netbanking site.
- Did a phish attack, and tricked clients into handing over their credentials.
- Thieves now had full control of client's accounts.



Case Study # 3 : Hacking your brand

- A very sophisticated group of hackers perpetrate a mass-attack at one of the top 5 largest internet hosts in the world.
- The group was able to find a small vulnerability on one small site, exploited it, and used that to pivot to one of the most visited news sites in the Caribbean.
- The group defaced the site and attempted “e-extortion” by demanding payment to grant control of the site back to the owner.



Keys to ICT security

- While we would never build a office facility and exclude doors and locks, we do this almost daily in the Caribbean on our networks.
- We need to build our systems with security in mind.
- We need to train our societies in good computer security practices.



Keys to ICT security

- Continuously penetration test (or pen-test) from inside and out.
- Largest vulnerability is on the inside.





Keys to ICT security

- These tasks should be done in an accountable manner.
- Several large Caribbean entities (governments & companies) have fallen prey to poor service by non-reputable companies who are not held accountable. There **MUST BE** a relationship built on trust.



Keys to ICT security

- Remember the higher your footprint on the internet, the higher the risk becomes.
- The true value in your ICT systems and infrastructure is NOT only the systems and equipment themselves.
- Demand your gov't to introduce “exposure” laws



Keys to ICT security

Information is often more valuable
than equipment.

Protect your data.



Thank you Questions?

Secure Tech International
It Pays to be Secure

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