Cyber espionage in the Caribbean

Risks & Challenges
The Digital What?
Phishing Scams

Send out thousands of phishing emails with link to fake website.

Victims click on link in email believing it is legitimate. They enter personal information.

Build fake site.

Fraudsters compile the stolen data and sell it online or use it themselves.

Phishing Scam about RSA Token
From: PayPal [mailto@mail.ca]
Sent: September 8, 2016 3:24 PM
To: undisclosed-recipients:
Subject: We need your help

[ ] Affichage les images pour lire ce message.

PayPal

We need your help

Your account has been suspended, as an error was detected in your information.
The reason for the error is not certain, but for security reasons, we have suspended
your account temporarily

We need you to update your informations for further use of your PayPal account.

Update your information

You are currently made disabled of:

- Adding a payment method
- Adding a billing address
- Sending payment
- Accepting payment

Please do not reply to this email. We are unable to respond to inquiries sent to this address. For immediate answers to your questions, visit our
Help Center by clicking “Help” located on any PayPal page or email.

Copyright © 2016 PayPal, Inc. All rights reserved. PayPal is located at 2211 N. First St., San Jose, CA 95131.
### Daily Intrusion Attempts

<table>
<thead>
<tr>
<th>Date</th>
<th>Event Type</th>
<th>Event Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oct 22 06:51:00 2016</td>
<td>System Log</td>
<td>Remote Client [] log out PPTP Server.</td>
</tr>
<tr>
<td>Oct 23 02:08:14 2016</td>
<td>Authentication Failure</td>
<td>2016/10/23 02:08:14 Bad login attempt for user: fake</td>
</tr>
</tbody>
</table>
Hacked by Holako, 2015
Challenge: Anonymity, Cross Border & Enforcement

Most of the Literature focuses on Preparedness including legislative framework

Against whom?
Cyber Espionage as Unauthorised Access

FIGURE 14: Mandiant’s Attack Lifecycle Model
Legislation: Protecting Critical Infrastructure & “Crown Jewels”

Government:
- the security, defence or international relations of Jamaica;

Law Enforcement
- the existence or identity of a confidential source of information relating to the enforcement of the criminal law of Jamaica;

Educational
- confidential educational material, such as examination materials;

Utilities, Finance, Communications, Traffic Management & Health
- the provision of services directly related to communications infrastructure, banking and financial services, public utilities, public transportation or essential public infrastructure such as hospitals, courts, toll roads, traffic lights, bridges, airports and seaports; or

Public Safety
- the protection of public safety, including systems related to essential emergency services such as police, fire brigade services, civil defence and medical services.
Jamaica: Awareness as Prevention
CURACAO: Awareness as Prevention
Barbados: Awareness as Prevention
Thank you!!!