Cyber Security Development

Ghana in Perspective
<table>
<thead>
<tr>
<th>SN</th>
<th>Sub-Working Group</th>
<th>Mandate</th>
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<tbody>
<tr>
<td>1</td>
<td><strong>Criminal Justice Sub-Working Group (CJSWG)</strong></td>
<td>Group focusing on cybercrime investigations and prosecutions in the criminal justice sector.</td>
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<td>2</td>
<td><strong>Defence &amp; Intelligence Sub-Working Group (DISWG)</strong></td>
<td>Core group focusing on intelligence on cybercrime and cybercrime/cyber security analysis for national security purposes.</td>
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<td>3</td>
<td><strong>Critical Infrastructure Protection Sub-Working Group (CIPSWG)</strong></td>
<td>Group comprising of all the Critical National Information Infrastructure (CNII) sectors and focusing on critical national infrastructures.</td>
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<td>4</td>
<td><strong>Stakeholder Engagement Sub-Working Group (SESWG)</strong></td>
<td>Group focusing on engagement with industry, civil society, public engagements, etc.</td>
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<td>5</td>
<td><strong>Computer Emergency Response Team (CERT) Sub-Working Group (CERTSWG)</strong></td>
<td>Group representing all heads of CERTs. Responsible for coordinating and development and standardizations of CERTs.</td>
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CYBER SECURITY CHALLENGES

- Financial Challenges
- Human Resource / Skillset
- Technology Challenges
- Cultural / Social Barriers
- Political Commitment
- Other
- Success
Effective Governance
Legislative & Regulatory Framework
Cyber Security Technology Framework
Culture of security & Capacity Building
Research & Development towards Self-Reliance
Compliance & Enforcement
Child Online Protection
Cyber Security Emergency Readiness
International Cooperation
Effective Governance
Legislative & Regulatory Framework
Cyber Security Technology Framework
Culture of security & Capacity Building
Research & Development towards Self-Reliance
Compliance & Enforcement
Child Online Protection
Cyber Security Emergency Readiness
International Cooperation
MANDATE OF CRIMINAL JUSTICE SUB COMMITTEE

• Develop a cybercrime training strategy to build capacity of law enforcement Agencies, Prosecutors and Judges
• Accession to the Budapest Convention
• Create Awareness
• Review Our cybercrime legislation
• Private Sector Collaboration
• Develop Guidelines for Digital Evidence Handling
• Develop SOP for Digital Forensic Labs
• Review of LEA’s Technical Capacity
GHANA’S CYBERCRIME TRAINING STRATEGY

• Cybercrime should not be treated as a specialized area of investigations for all cases

• All Police officers must have knowledge of Ghana’s cyber laws and first responder responsibilities (achievable within 5 years)

• All investigators and senior officers must have knowledge in cybercrime investigations to fight computer assisted crimes (achievable within 5 years).

• Specialized cyber investigators be trained to investigate computer dependent crimes.

• Creation of specialized units in all regions to investigate specialized cases and a Cybercrime Directorate at the Headquarters to oversee the activities of specialized Units and investigate the cases beyond the capabilities of specialized Units
Cybercrime training syllabus will be divided into three categories

A. Introductory
   ✓ Cyber laws, first responder duties and introductory courses to cyber investigation and digital forensics

B. Intermediate
   ✓ Internet/social media/email investigation
   ✓ Computer assisted crimes investigation

C. Advanced
   ✓ Computer dependent crimes investigation;
   ✓ Computer, Mobile phone, Network, Malware and Cryptocurrency Forensics
• Category A for all Police Officers
  • To be taught at all Police Training Schools, Police Academy and Command & Staff Colleges

• Category A and B for all Investigators and Senior officers
  • To be taught at the Detective Training Academy, Police Academy and Command and Staff College.

• Category A, B, C for specialized cyber investigators
EXPECTED ACTIVITIES FOR LEA UNDER GLACY+

International workshop on LE training Strategies

Needs Assignment & Adaptation of Training Materials

Delivery of ECTEG Material

Internship of Trainers in EU States And Certification Programmes

Full Integration In the LEA Training Curriculum

2017

APRIL 2018

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Thank You
Questions