

Office of the Government
Chief Information Officer

Effective Information Security Management

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Trends of Cyber Threats



Safe Cities Index 2017

5th in the Digital Security Category



Local Ransomware Attack

170 vs. **300** Cases
up to Oct 2017 2016



Global Ransomware Attack

2x in 2017 vs. 2016 (1st half year)

Smart City and Healthcare



Overview of Information Security Management

- ▶ Governance, Risk Management and Compliance
- ▶ Security Operations
- ▶ Security Incident Management
- ▶ Awareness and Capability Development
- ▶ Information Sharing



Governance, Risk Management and Compliance



- Management Framework
- IT Security Policy and Requirements



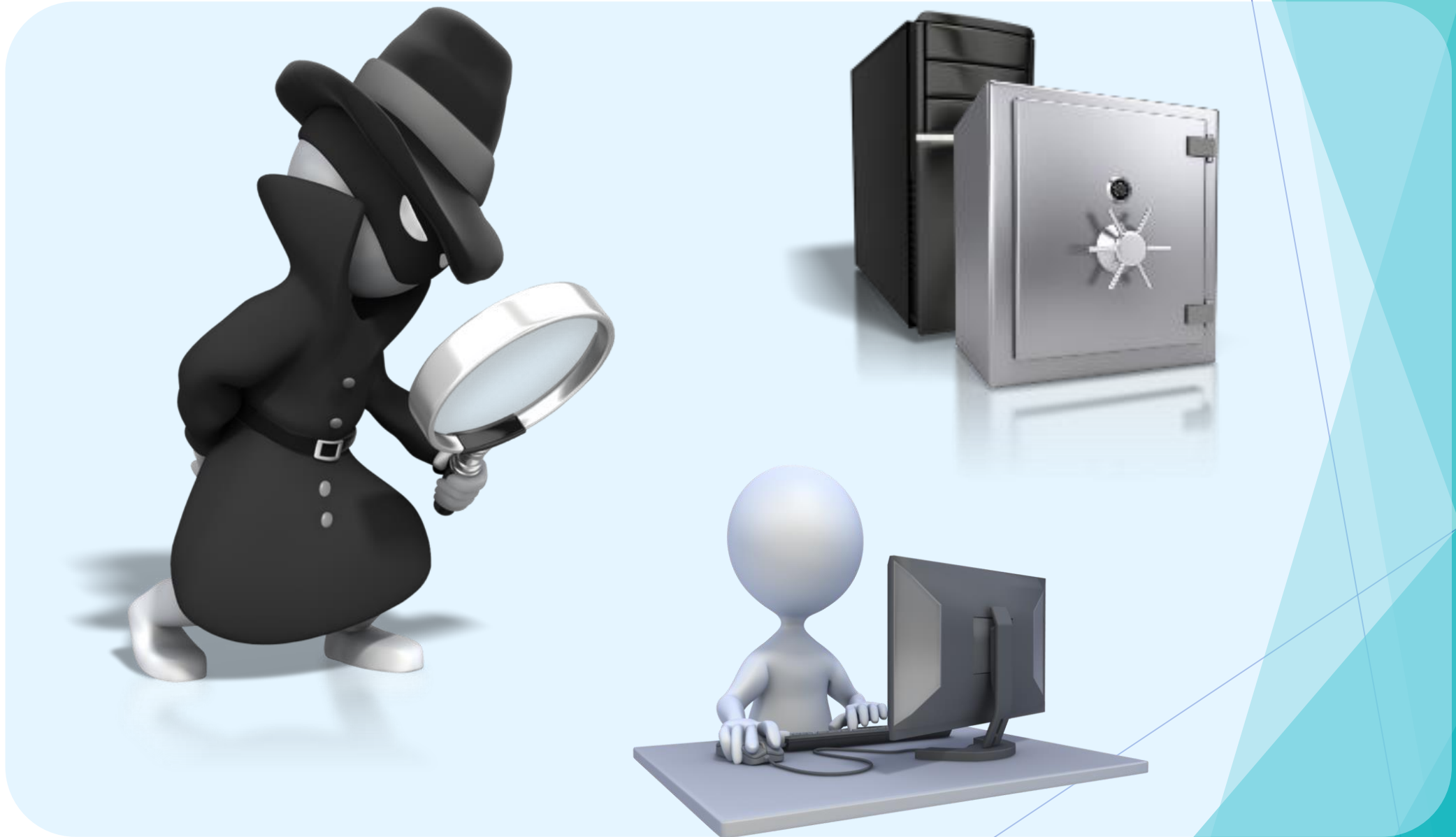
- Risk-Based Principle



- Risk Assessment & Audit

Publication in
www.infocloud.gov.hk

Security Operations



Protection Against Data Leakage



Authentication



Data Encryption



**Protection of
Mobile Devices /
USB Devices**

Protection Against Ransomware



Security Update



Data Backup



Anti-Malware

Local Collaboration

Regional and Global Collaboration



GovCERT.HK



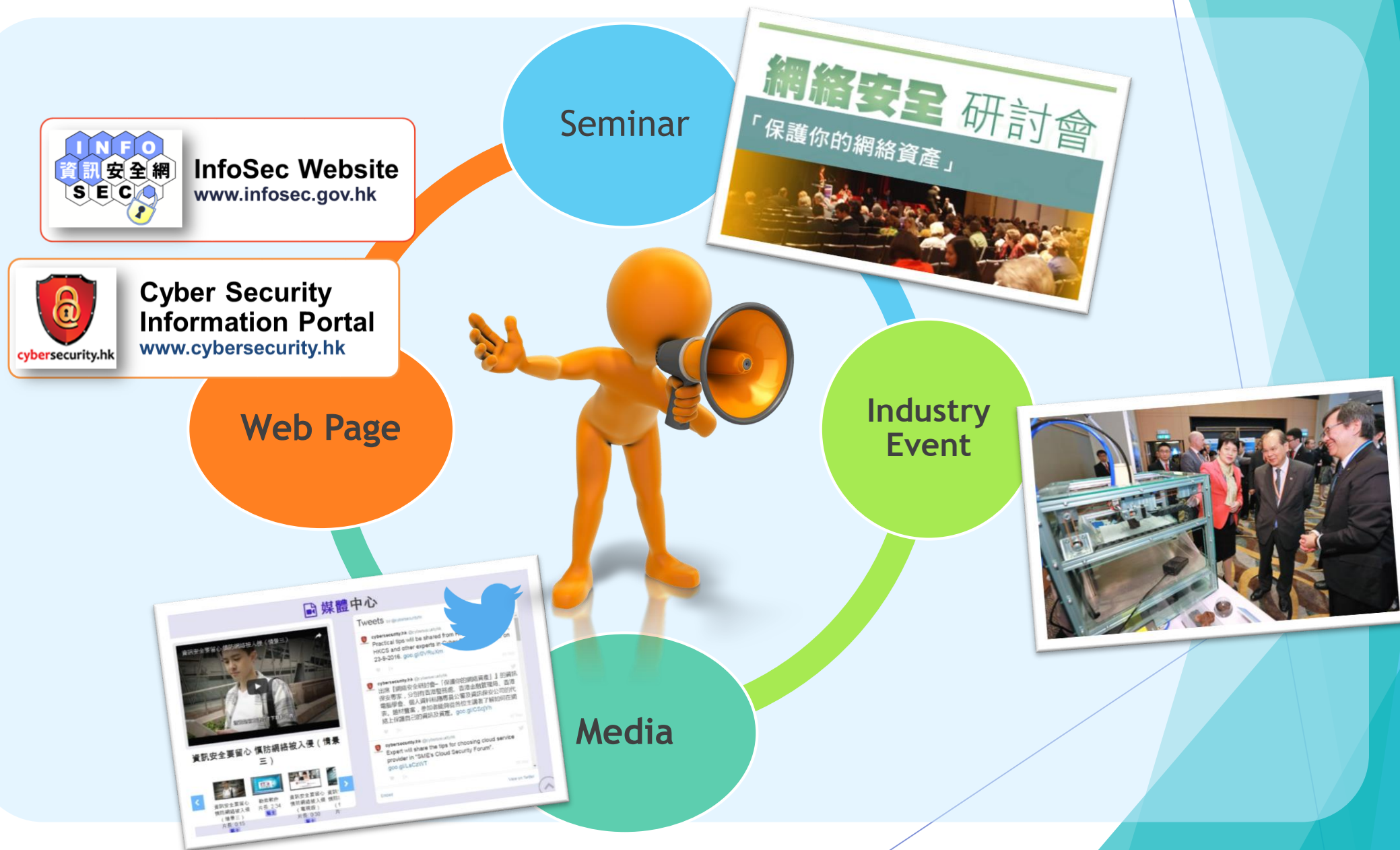
Defending Against DDoS Attack



Security Incident Management



Awareness Training and Capability Building



Information Sharing



Building a Safe Hong Kong



Thank You