



CYBER DEFENSE LIVE

Hong Kong 2018

State of Cyber Security in Hong Kong

Dicky Wong

Detective Senior Inspector of Police

Cyber Security and Technology Crime Bureau, Hong Kong Police



Crime Trend

Overall Crime

75000
70000
65000
60000
55000
50000
45000
40000
0

Year	Loss (Million)
2011	148.5
2012	340.4
2013	916.9
2014	1,200.6
2015	1,828.9
2016	2,300.8

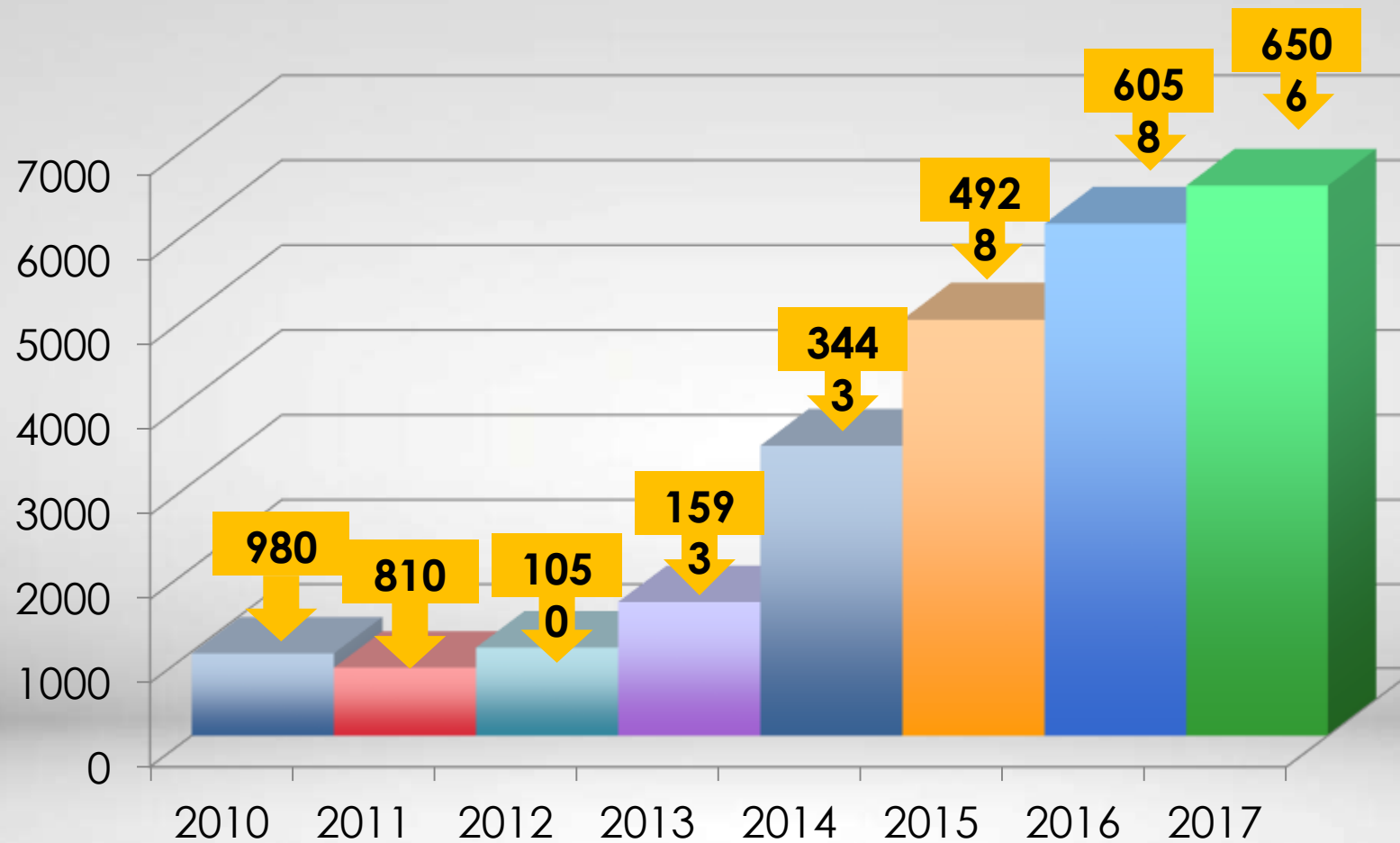
Technology Crime

8000
7000
6000
5000
4000
3000
2000
1000
0



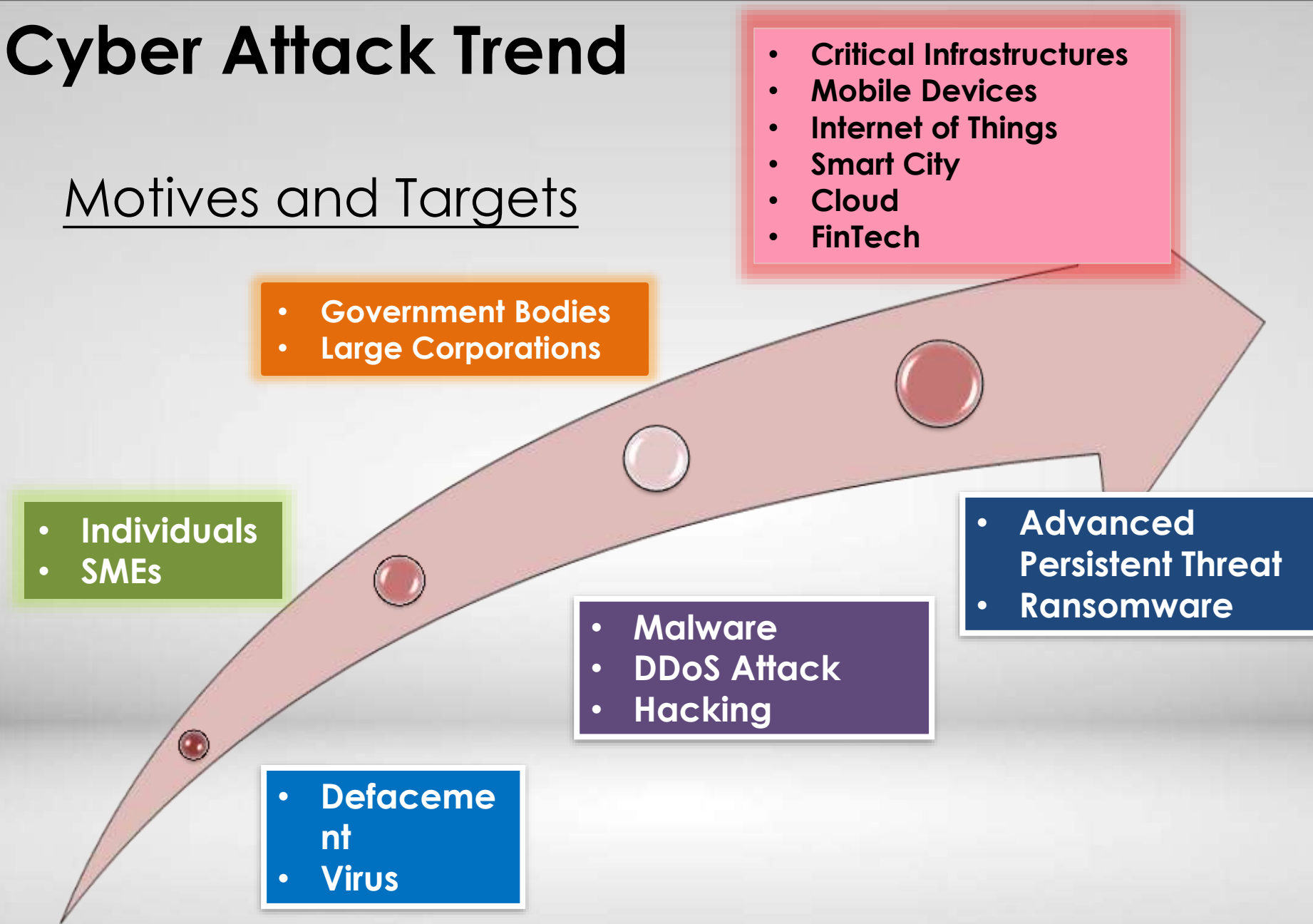
(2017)	Loss (Million)
5567	1,393

Cyber Security Situation in HK



Cyber Attack Trend

Motives and Targets



Cyber Security Incident in Hong Kong

Two Hong Kong travel agencies apologise as hackers demand payment for stolen customer data

They are the second and third agencies to fall victim to such cyberattacks this week, on the back of a similar case last November

PUBLISHED : Thursday, 04 January, 2018, 10:17am
UPDATED : Thursday, 04 January, 2018, 9:58pm

COMMENTS: 2



Man, 30, held over hacking attacks on two Hong Kong travel agencies

Officers raid IT worker's flat on Cheung Chau and also seize two desktop computers, two laptops, one tablet, three hard disks and five mobile phones

PUBLISHED : Monday, 08 January, 2018, 2:54pm
UPDATED : Monday, 08 January, 2018, 10:52pm



Cyber Security Incident in Hong Kong

Personal data of some 380,000 Hong Kong broadband customers hacked, service provider says

Hong Kong Broadband Network, the city's second largest fixed-line residential broadband provider, discovered on Monday that an inactive customer database had been accessed without authorisation

PUBLISHED : Wednesday, 18 April, 2018, 7:47pm

UPDATED : Thursday, 19 April, 2018, 3:26pm

COMMENTS: 6



Current approach



Commissioner's Operational Priorities 2012 - 2018

Current approach

Priorities

CYBER SECURITY AND TECHNOLOGY CRIME

- Promote public awareness of computer and cyber security as well as the risks associated with the Internet and social media through a multi-agency approach.
- Enhance cooperation with other law enforcement agencies to target technology crime.
- Strengthen coordination and sharing of expertise in handling and investigating technology crime.

• 2016/17/18 2019/2020 2021/22 2022/23 2023/24 2024/25 2025/26 2026/27 2027/28 2028/29 2029/30 2030/31 2031/32 2032/33 2033/34 2034/35 2035/36 2036/37 2037/38 2038/39 2039/40 2040/41 2041/42 2042/43 2043/44 2044/45 2045/46 2046/47 2047/48 2048/49 2049/50 2050/51 2051/52 2052/53 2053/54 2054/55 2055/56 2056/57 2057/58 2058/59 2059/60 2060/61 2061/62 2062/63 2063/64 2064/65 2065/66 2066/67 2067/68 2068/69 2069/70 2070/71 2071/72 2072/73 2073/74 2074/75 2075/76 2076/77 2077/78 2078/79 2079/80 2080/81 2081/82 2082/83 2083/84 2084/85 2085/86 2086/87 2087/88 2088/89 2089/90 2090/91 2091/92 2092/93 2093/94 2094/95 2095/96 2096/97 2097/98 2098/99 2099/100

Prevention and Engagement Strategies

- **Cyber Security Summit 2016**
 - Held between 16 and 18 May 2016 (3 days) @ Science Park
 - Attracted more than 600 law-enforcement officers, IT experts and industry leaders to attend



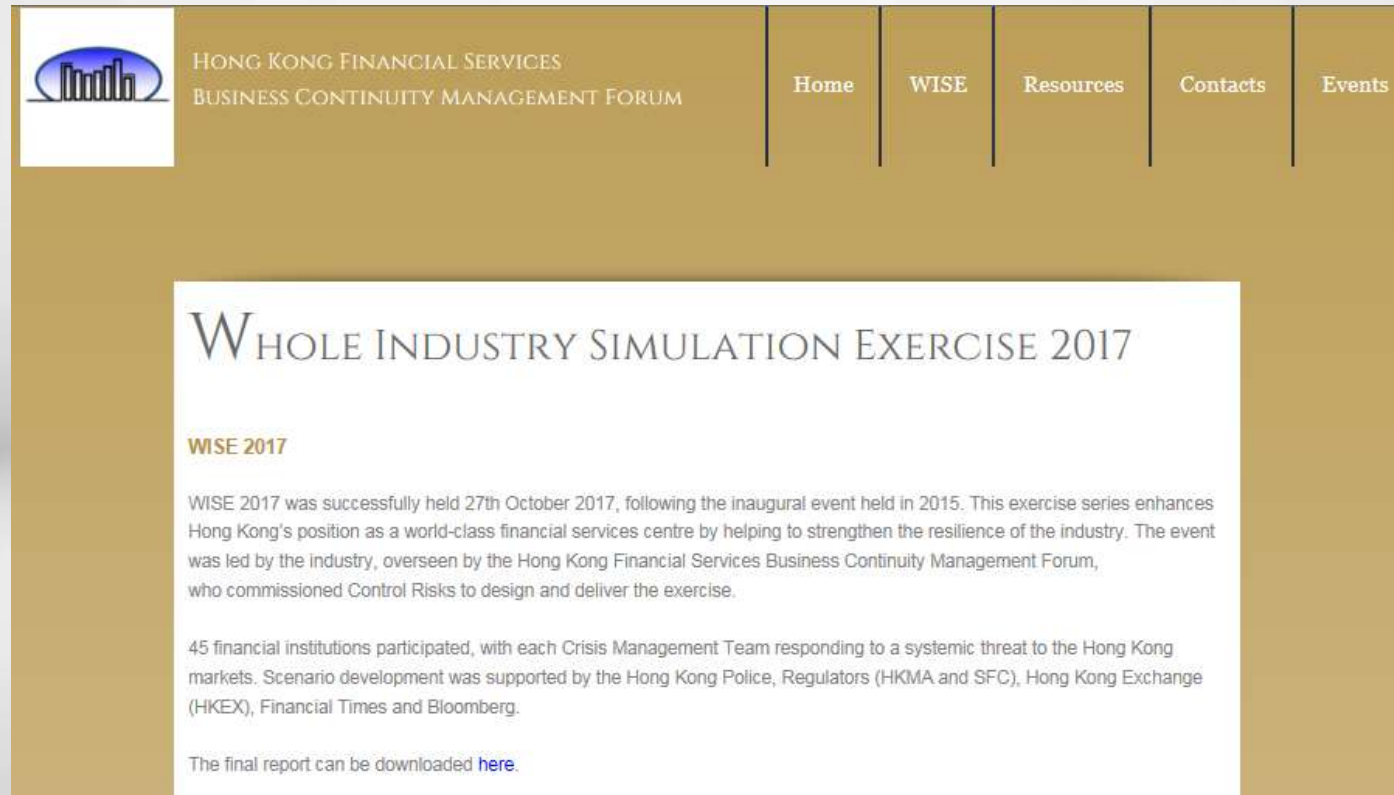
Prevention and Engagement Strategies

- **Cyber Security Professionals Awards**
- held in Feb 2018
 - Encourage the sharing of best practice in cyber security among Critical Infrastructures



Prevention and Engagement Strategies

- **Wide Industry Simulation Exercise 2017**
- Held in OCT 2017
 - Emphasize the importance of having a cyber security policy through cyber security drill.



The screenshot shows a website page with a gold header. On the left is the logo for the Hong Kong Financial Services Business Continuity Management Forum, which consists of a blue circle containing a white bar chart. To the right of the logo, the text reads "HONG KONG FINANCIAL SERVICES BUSINESS CONTINUITY MANAGEMENT FORUM". Further right is a navigation menu with the following items: "Home", "WISE", "Resources", "Contacts", and "Events".

W HOLE INDUSTRY SIMULATION EXERCISE 2017

WISE 2017

WISE 2017 was successfully held 27th October 2017, following the inaugural event held in 2015. This exercise series enhances Hong Kong's position as a world-class financial services centre by helping to strengthen the resilience of the industry. The event was led by the industry, overseen by the Hong Kong Financial Services Business Continuity Management Forum, who commissioned Control Risks to design and deliver the exercise.

45 financial institutions participated, with each Crisis Management Team responding to a systemic threat to the Hong Kong markets. Scenario development was supported by the Hong Kong Police, Regulators (HKMA and SFC), Hong Kong Exchange (HKEX), Financial Times and Bloomberg.

The final report can be downloaded [here](#).

Prevention and Engagement Strategies

- Anti-Botnet Operation
 - <https://www.cybersecuritycampaign.com.hk/>
 - Objective is to build a Botnet free city



Prevention and Engagement Strategies

Law enforcement agencies:



Thank You