

Overview of cyberthreats last year

RANSOMWARE

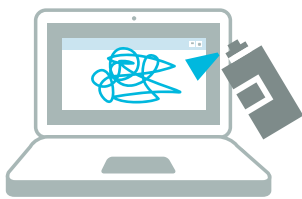


19 ransomware

cases reported to SingCert last year, up from two cases in 2015

- Many cases may go unreported: Companies may be reluctant to admit being affected as that may hit the reputation of their business
- **Companies of all sizes and individuals** can be victims
- **Cerber, CryptoLocker and Locky** among the types of ransomware reported

WEBSITE DEFAACEMENT

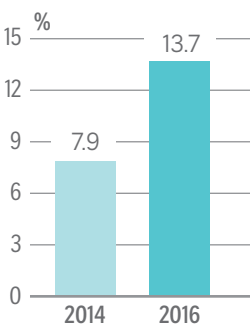


1,750 Singapore [.SG] website defacements reported

Main targets:

- **Small and medium-sized enterprises (SMEs)** from a range of businesses, including interior design, logistics, manufacturing and construction
- One in 10 defaced websites found hosted on old or outdated operating systems such as Windows Server 2003

INCIDENTS REPORTED



Rising cybercrime over the years

Proportion of cybercrime to overall crime cases rose from

7.9% in 2014 to 13.7% in 2016

Cyber criminals also committed more crimes under the Computer Misuse and Cybersecurity Act (CMCA) last year, including ransomware, hacking and compromise of online accounts.

CMCA cases more than doubled year-on-year to 691 in 2016

PHISHING



2,512 phishing URLs with Singapore link

43% of security incidents reported to SingCert by **individuals and SMEs** occurred through phishing attacks

Commonly spoofed
SECTOR



Banking and finance

Commonly spoofed
BRANDS

PayPal
Dropbox
Google

Commonly spoofed
GOVERNMENT ORGANISATIONS

Ministry of Manpower
Immigration & Checkpoints Authority