

CYBER SECURITY PHILIPPINES: MAKING STRIDES ACROSS DIGITAL DIVIDES



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25 June 2018 PH-AUS Dialogue 2018 Astoria Plaza

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PH is world leader in social media usage

By: [Miguel R. Camus](#) - @inquirerdotnet Philippine Daily Inquirer / 05:24 AM February 15, 2018

The Philippines again topped the world in terms of social media usage as the number of internet users in the country hit 67 million people, according to a new report by London, United Kingdom-based consultancy We Are Social.

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GLOBAL

Top internet users: Philippines ranks 12th

127
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[Delon Porcalla](#) (The Philippine Star) - June 11, 2018 - 12:00am

MANILA, Philippines — Sixty-seven million out of the 104 million Filipinos – or 63 percent of the total population – are social media savvy and have been using the internet despite its slow speed, making Filipino netizens the 12th among the top 20 internet users globally.

JAN
2018

DIGITAL IN THE PHILIPPINES

A SNAPSHOT OF THE COUNTRY'S KEY DIGITAL STATISTICAL INDICATORS



TOTAL
POPULATION



we
are
social

105.7
MILLION

URBANISATION:

44%

INTERNET
USERS



67.0
MILLION

PENETRATION:

63%

ACTIVE SOCIAL
MEDIA USERS



we
are
social

67.0
MILLION

PENETRATION:

63%

UNIQUE
MOBILE USERS



61.0
MILLION

PENETRATION:

58%

ACTIVE MOBILE
SOCIAL USERS



62.0
MILLION

PENETRATION:

59%



Hootsuite™

we
are
social

JAN
2018

ATTITUDES TOWARDS DIGITAL

HOW INTERNET USERS* PERCEIVE THE ROLE OF TECHNOLOGY, AND THEIR PERSPECTIVE ON PRIVACY ISSUES



BELIEVE THAT NEW
TECHNOLOGIES OFFER MORE
OPPORTUNITIES THAN RISKS



Google

74%

PREFER TO COMPLETE
TASKS DIGITALLY
WHENEVER POSSIBLE



64%

BELIEVE DATA PRIVACY
AND PROTECTION ARE
VERY IMPORTANT



we
are
social

76%

DELETE COOKIES FROM
INTERNET BROWSER
TO PROTECT PRIVACY



50%

USE AN AD-BLOCKING
TOOL TO STOP ADVERTS
BEING DISPLAYED



40%



EXCLUSIVE

NEWS TV

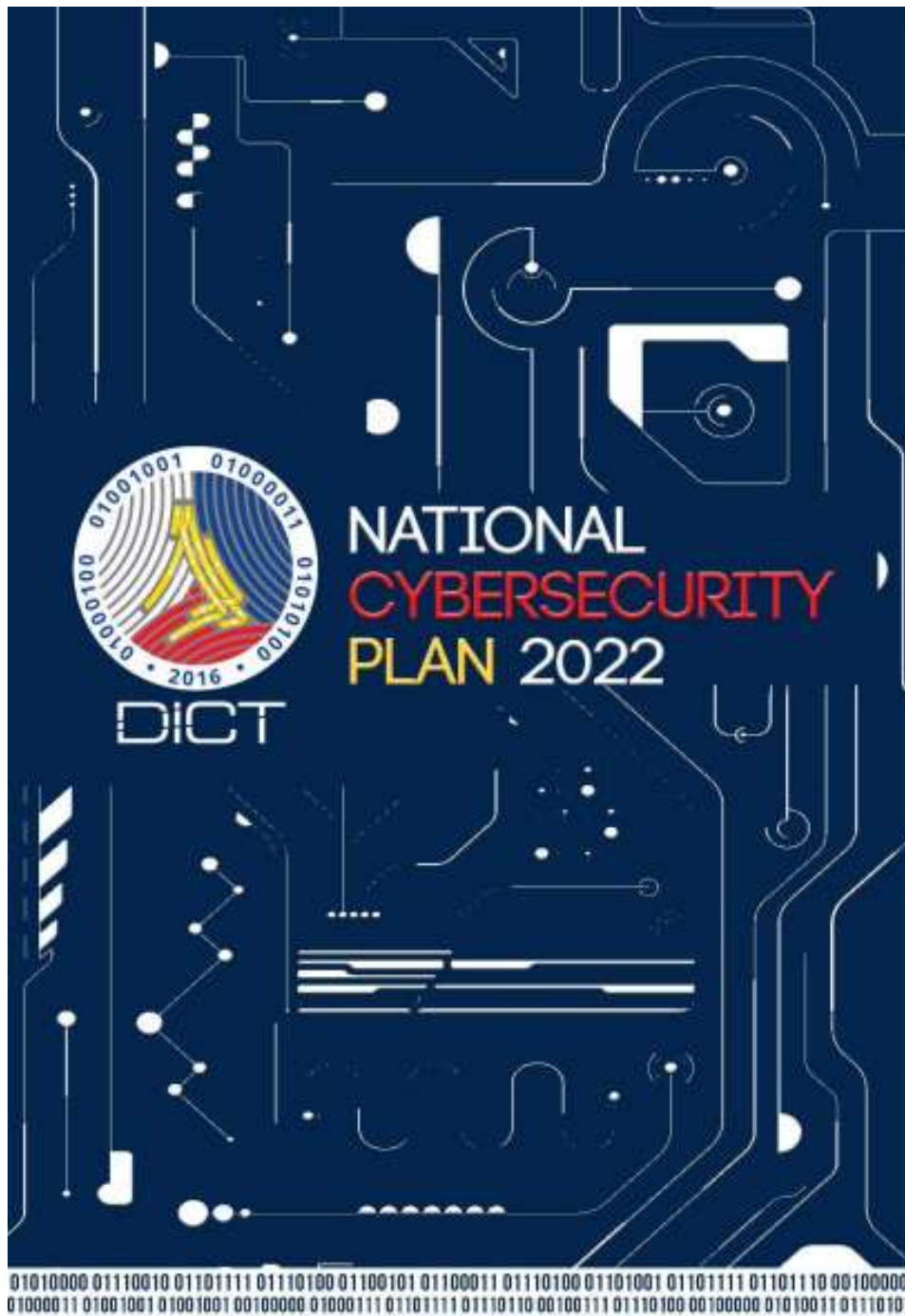
QUEZON CITY

MGA SASAKYAN, NALUBOG SA BAHA

GMANETWORK.COM

Motoristang sumunod sa Waze, lumubog ang SUV sa baha

Tuluyang nilamon ng tubig ang isang SUV nang hindi namalayan ng driver n...



“Accepting the reality that there is no physical or economic security without cyber security, the DICT is ... sending a message that the government is at the forefront of protecting every Filipino in cyberspace.”

*-Usec. Eliseo M Rio Jr,
DICT*

Making Critical
Information
Infrastructure (CII)
Trusted and Secure
#CyberResilientPH

Making Government
Information Environment
Secure
#CyberToughPH

Making Individuals Aware and
Secure
#CyberSafePH

Making Businesses Secure
#CyberAssurancePH

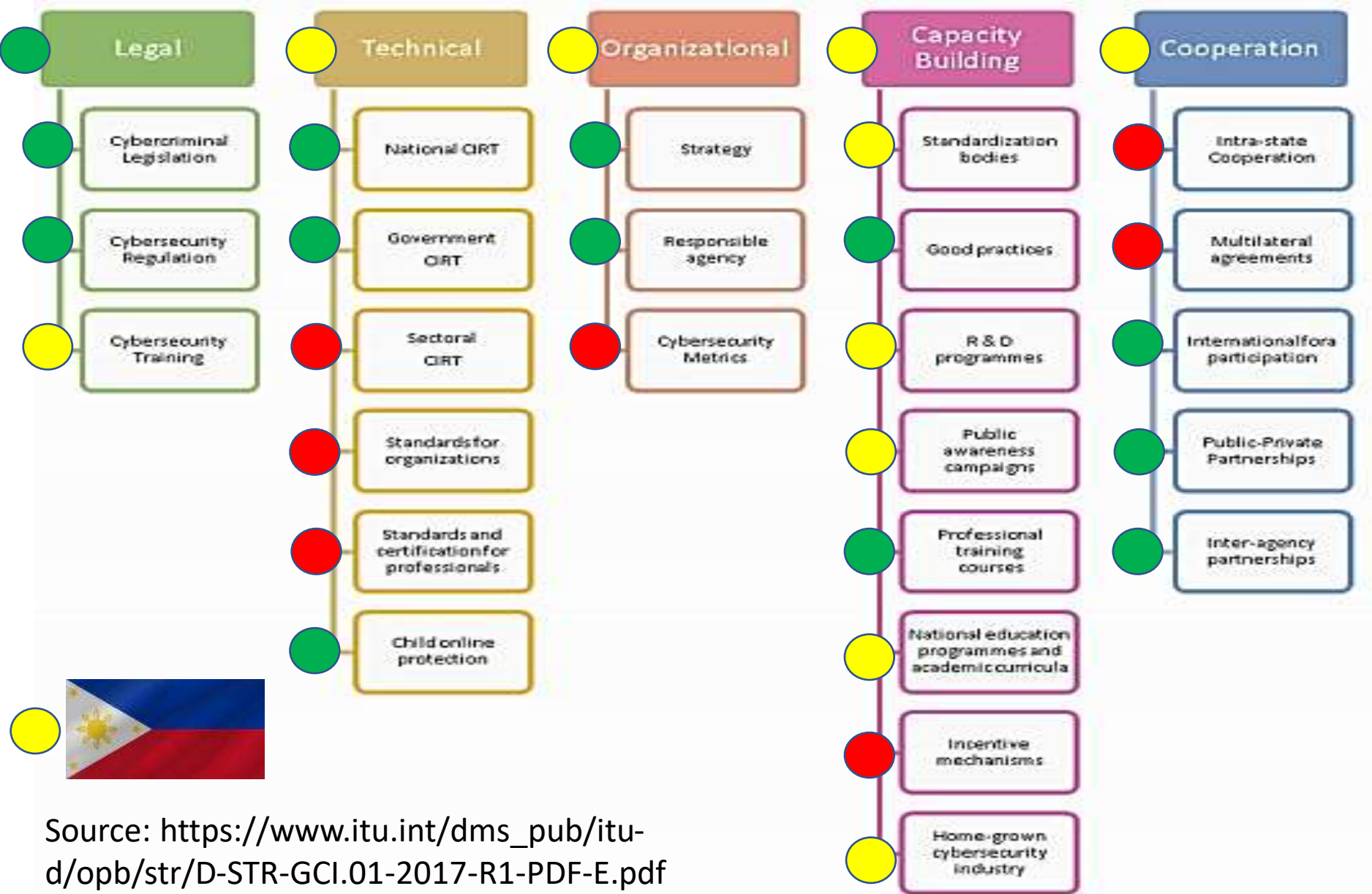




Global Cybersecurity Index (GCI) 2017

| | | |
|-------------|--------------------------------|--------|
| Philippines | Cybercriminal legislation | Green |
| | Cybersecurity legislation | Green |
| | Cybersecurity training | Yellow |
| | LEGAL MEASURES | Green |
| | National CERT/CIRT/CSIRT | Green |
| | Government CERT/CIRT/CSIRT | Green |
| | Sectoral CERT/CIRT/CSIRT | Red |
| | Standards for organizations | Red |
| | Standards for professionals | Red |
| | Child online protection | Green |
| | TECHNICAL MEASURES | Yellow |
| | Strategy | Green |
| | Responsible agency | Green |
| | Cybersecurity metrics | Red |
| | ORGANIZATIONAL MEASURE: | Yellow |
| | Standardization bodies | Yellow |
| | Cybersecurity good practices | Green |
| | R&D programmes | Yellow |
| | Public awareness campaigns | Yellow |
| | Professional training courses | Green |
| | Education programmes | Yellow |
| | Incentive mechanisms | Red |
| | Home-grown industry | Yellow |
| | CAPACITY BUILDING | Yellow |
| | Bilateral agreements | Red |
| | Multilateral agreements | Red |
| | International participation | Green |
| | Public-private partnerships | Green |
| | Interagency partnerships | Green |
| | COOPERATION | Yellow |
| | GCI | Yellow |

GCI PILLARS AND SUB-PILLARS



- >increasing interconnectedness
- >development of networks
- >intensified collaboration
- >heavy dependence on ICT
- >enabling development
- >providing vulnerabilities

#convergence

“And it’s one of the great paradoxes of our time that the very technologies that empower us to do great good can also be used to undermine us and inflict great harm. The same information technologies that help make our military the most advanced in the world are targeted by hackers from China and Russia who go after our defense contractors and systems that are built for our troops. The same social media we use in government to advocate for democracy and human rights around the world can also be used by terrorists to spread hateful ideologies. So these cyber threats are a challenge to our national security.”



- Barack Obama, Cybersecurity and Consumer Protection Summit, Stanford Univ, 13 Feb 2015

CYBER SECURITY CHALLENGES



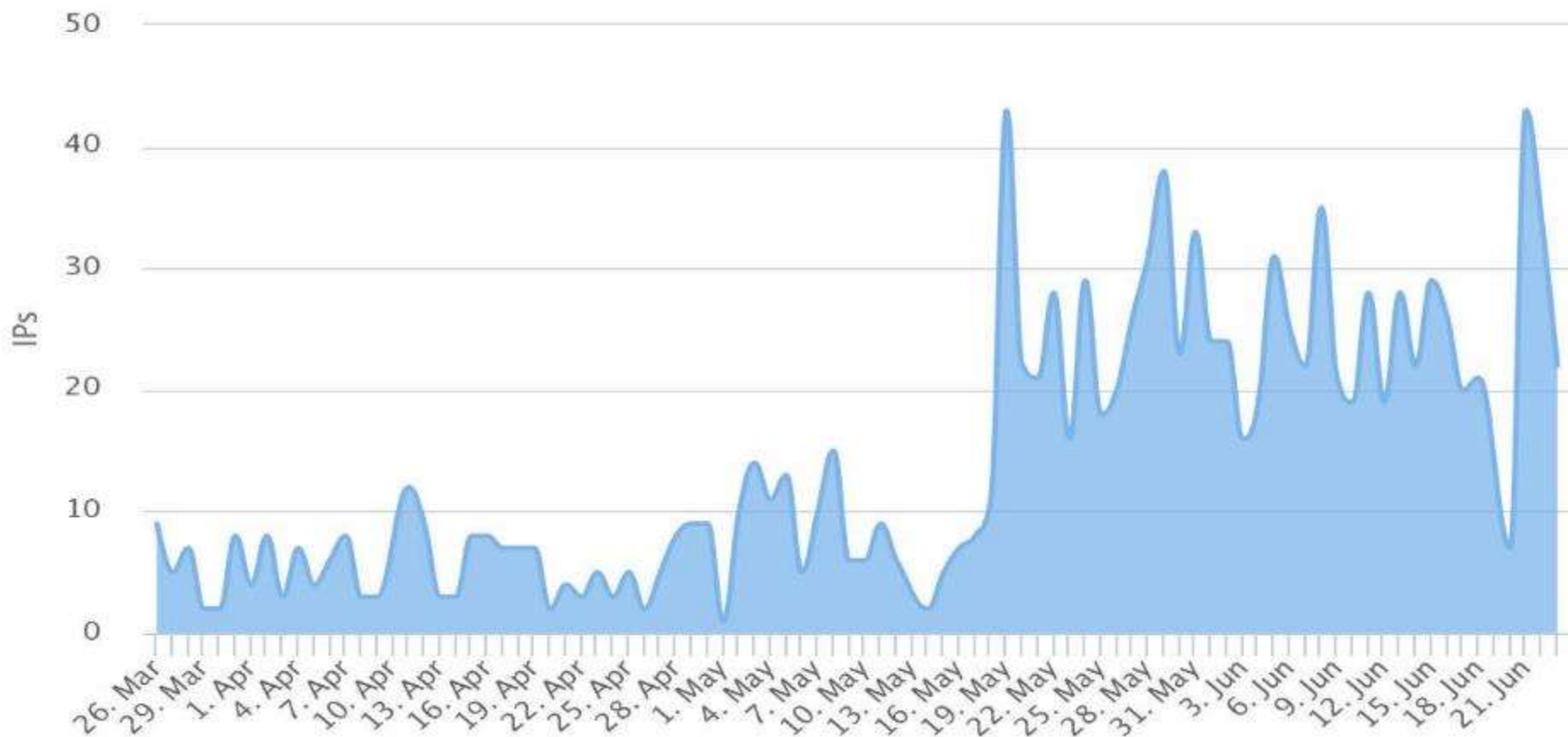
1. Cyber criminals will grow in number exploiting known vulnerabilities
2. Increased sophistication will be used to target high-value networks
3. Supply chain targeting will continue to be popular as third parties prove to be a weak link
4. Internet of Things (IoT) will create further risks

Source: <https://www.cert.gov.au/news/cyber-security-challenges-2018>

Cyber criminals will grow in number exploiting known vulnerabilities

AISI Daily Hosted Observations

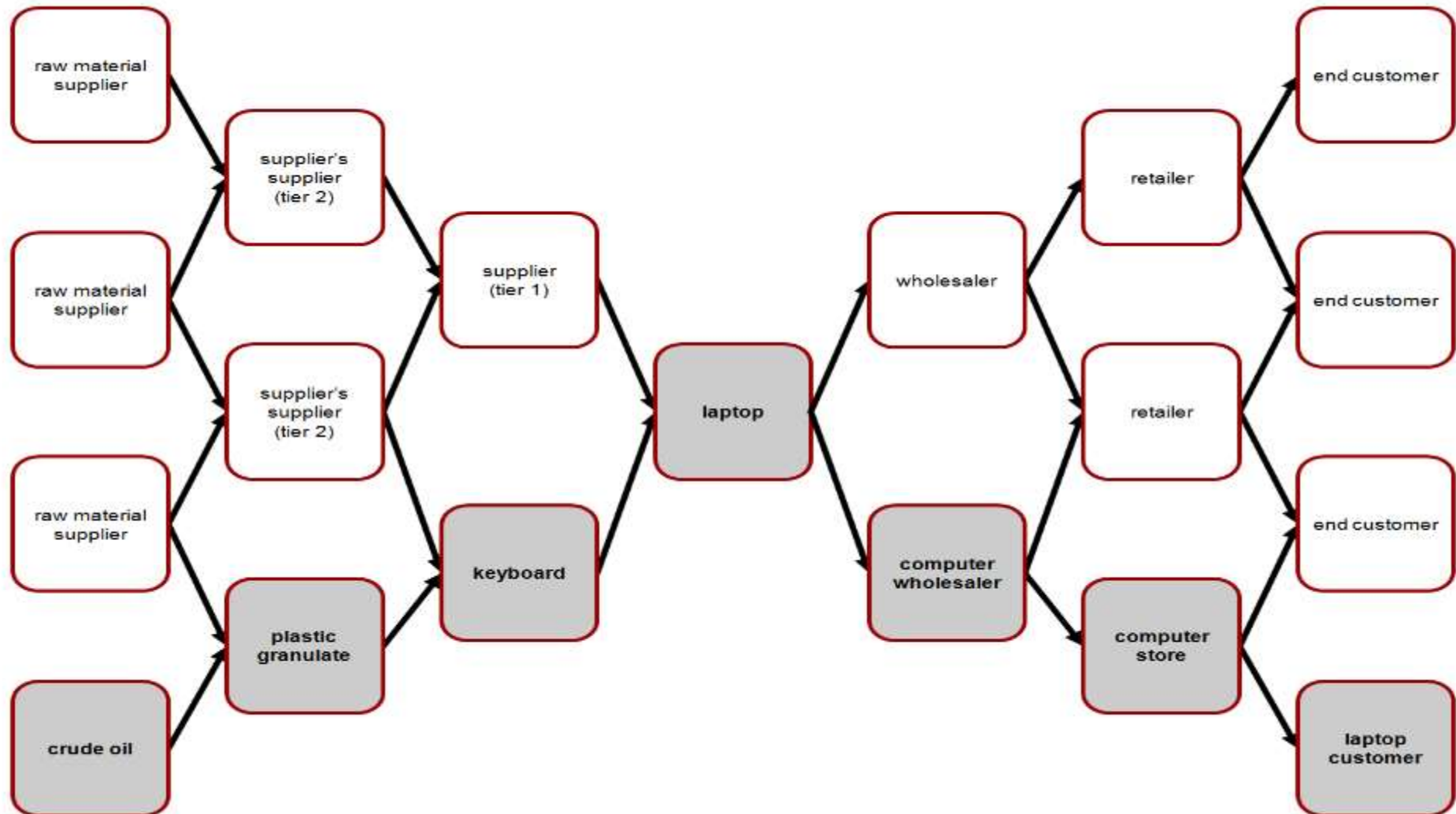
Source: CERT Australia



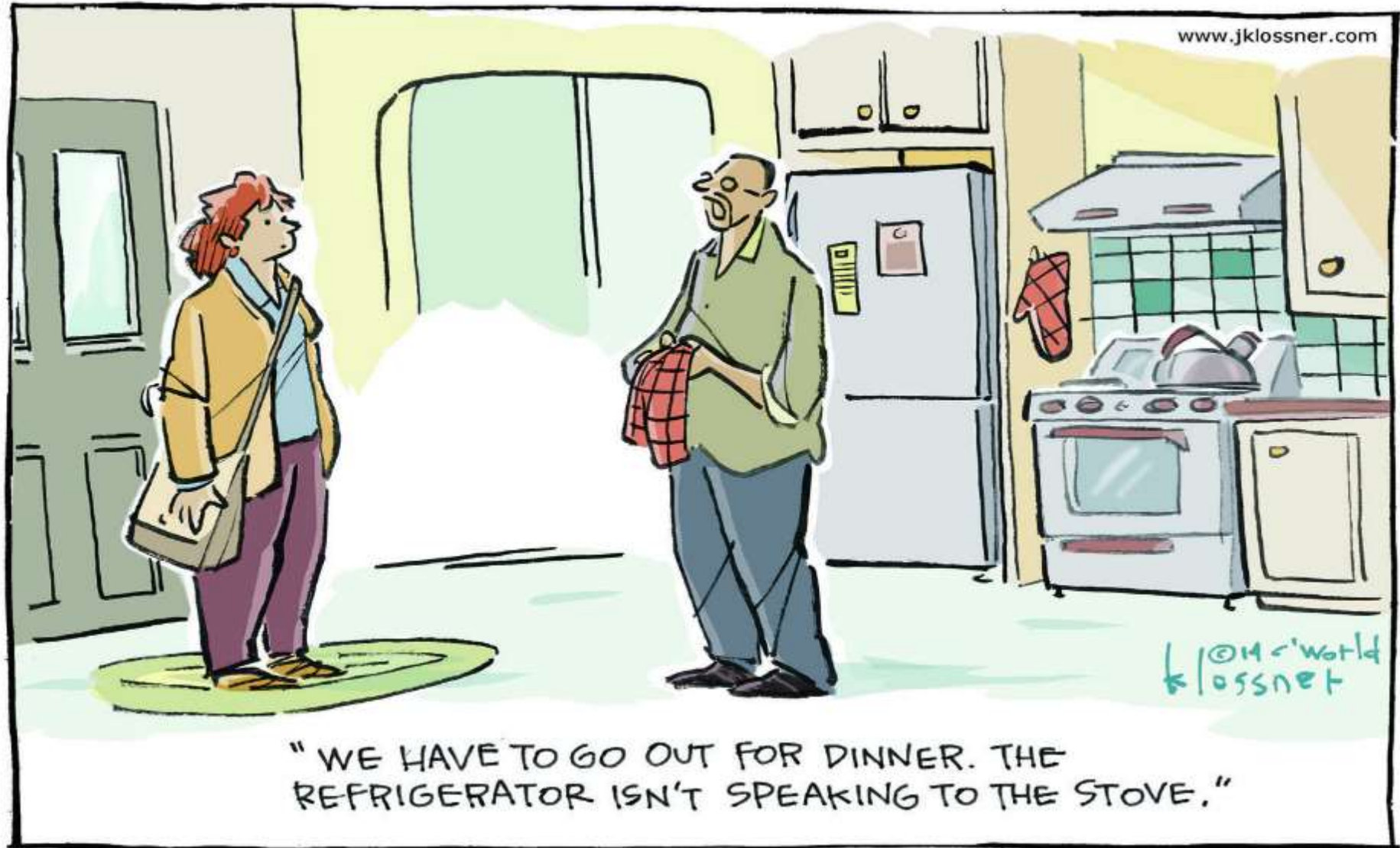
Increased sophistication will be used to target high-value networks



Supply chain targeting will continue to be popular as third parties prove to be a weak link



Internet of Things (IoT) will create further risks



“It is time for states and non-state actors who share democratic values and who believe in an open and secure cyber future to come together and to act together — globally, decisively and boldly — to protect a free, safe, stable, accessible and available Internet while fostering the continued growth and development of the use of ICTs.”



Ambassador Marina Kaljurand
Chair of the Global Commission on
the Stability of Cyberspace

<Thank You and
MABUHAY/>



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