

2015

Annual Report



INTRODUCTION

03 About CyberSecurity Malaysia

06 Design & Cover Rationale

07 Table of Contents

About **CyberSecurity Malaysia**

CyberSecurity Malaysia is the national cyber security specialist agency under the purview of the Ministry of Science, Technology and Innovation (MOSTI).

CyberSecurity Malaysia is formerly known as the National ICT Security and Emergency Response Centre (NISER). NISER was launched by the Deputy Prime Minister of Malaysia on 10 April 2001.

CyberSecurity Malaysia was established when the Cabinet Meeting on 28 September 2005, through the Joint Cabinet Notes by the Ministry of Finance (MOF) and Ministry of Science, Technology and Innovation (MOSTI) No. H609/2005 agreed to establish NISER as a National Body to monitor the National e-Security aspect, spun it off from MIMOS to become a separate agency, incorporate it as a Company Limited-by-Guarantee, and place it under the supervision of MOSTI.

The Malaysian Government gazetted the role of CyberSecurity Malaysia by Order of the Ministers of Federal Government Vol.53, No.13, dated 22 June 2009 (revised and gazetted on 26 June 2013 [P.U. (A) 184] by identifying CyberSecurity Malaysia as an agency that provides specialised cybersecurity services and continuously identifies possible areas that may be detrimental to national security and public safety.

As a specialist agency, CyberSecurity Malaysia is also required to contribute its technical expertise in support of national cyber crisis management, as stated in Paragraph 16.1, Order No. 24 of the Dasar dan Mekanisme Pengurusan Krisis Siber Negara (Policy and Mechanism for National Cyber Crisis Management) by the National Security Council.

CyberSecurity Malaysia's mission is to create and sustain a safer cyberspace to promote national sustainability, social well-being and wealth creation. This mission together with the core values – Trust, Impartiality, Proactive - guide us to achieve our vision to be a globally recognised national cyber security reference and specialist centre by 2020.



Our Services

1. Cyber Security Responsive Service



Cyber999 Help Centre
www.mycert.org.my

Cyber999 is a service provided by Malaysia Computer Emergency Response Team (MyCERT) for Internet users and organizations to report computer security incidents. Security incidents can be reported via our Hotline number, email, online form, fax, SMS, 24x7 Handphone Reporting, Cyber999 Mobile App and Walk-in Reporting.

Other services under MyCERT are:

- Cyber Threat Research Centre
- Technical coordination for national cyber emergencies and coordination of cyber exercises at national and international level



CyberCSI
www.cybercsi.my

CyberSecurity Malaysia assists relevant agencies in Digital Crime Scene Investigation (CyberCSI). Our digital forensics analysts are recognised as 'Expert Witness' in digital forensics under the Criminal Procedure Code 399 subsection 3(f). Other services include:

- Analysis of digital evidence
- First Responder for Digital Evidence
- Consultation on Quality Management
- Expert Witness
- Recovery of corrupted and deleted data
- Data sanitisation



CyberDEF
www.cyberdef.my

CyberDEF is a new service aims to achieve total cyber security readiness / cyber defense in a cyberspace.

Our experienced cyber security specialists will assist you in designing a customized cyber security solutions in order to achieve total cyber security in organization through:

- Detection of possible threats, loopholes and vulnerabilities.
- Eradication of detected threats.
- Forensic investigation of the root causes and threat behaviors.
- Simulating cyber threats exercise.

2. Cyber Security Proactive Services



Security Management & Best Practices

CyberSecurity Malaysia develops guidelines and best practices related to information security. It also promotes Information Security Management System (ISMS) and contributes towards standardization development at national and international level.



Security Assurance

Our Security Assurance Services consist of:

- Vulnerability Assessment Service (VAS)
- CyberSecurity Malaysia –Malaysia Security Evaluation Facility (CSM-MySEF)
- Trustmark Technical Security Assessment (TTSA)



MyCC Scheme, based on the Common Criteria ISO/IEC 15408.
<http://www.cybersecurity.my/mycc>



CSM27001 Scheme, based on Information Security Management System (ISMS) ISO/IEC27001.
<http://csm27001.cybersecurity.my>



Malaysia Trustmark, based on the World Trustmark Alliance (WTA) Guidelines for Trustmark Operator (GTO).
<http://mytrustmark.cybersecurity.my>



4. Outreach and Capacity Building



Outreach

www.cybersafe.my



Cyber Security Professional Development

www.cyberguru.my

CyberSecurity Malaysia aims to inculcate cyber safety and security awareness in order to create a culture of positive Internet usage amongst people from all walks of life in Malaysia. This is carried out through an Outreach Programme known as CyberSAFE (Cyber Security Awareness For Everyone).

Through the Cyber Security Professional Development Programme, CyberSecurity Malaysia aims to increase the number of certified professionals in the country by providing various competency and capability training courses and certifications as well as knowledge-sharing platform for the ICT workforce.



Industry Development

Cyber security is an essential enabler for wealth-creation in this era of ICT-driven economy and inter-connected society. In addition, cyber security itself is a sizeable industry. Through its Industry Development Division, CyberSecurity Malaysia hopes to spur innovation and foster greater alliances within the local and regional ICT Industry. We organize the annual CSM-ACE (www.csm-ace.my), which is a 3-in-1 public-private-community partnership event, comprising Industry Awards, Conference and Exhibition.



International & Government Engagement

Our strategic engagement with the Malaysian Government is aimed at identifying and driving various government collaborations, working relations and activities to advocate the cyber security agenda. CyberSecurity Malaysia is also the administrator of the Critical National Information Infrastructure (CNII) portal (<http://cnii.cybersecurity.my>)

Other than engaging local stakeholders, we also have an International Engagement Programme to facilitate cross-border cooperation. CyberSecurity Malaysia is actively involved in regional collaborations among Computer Emergency Response Teams (CERT) such as APCERT (www.apcert.org) and OIC-CERT (www.oic-cert.net).



Strategic Research

One of CyberSecurity Malaysia's Strategic Goals is "To Enhance Internal Research Capacity, Capability & Facility". This goal is attained through research initiatives pertaining to cyber laws, emerging technologies, content and new policies on cyber security climate in Malaysia. We produce research documents for reference by stakeholders and for input to policy decision makers. We also conduct malware research and strategic research on cyber security related technology.



Cover **Rationale**

Late 2014 residents of the east coast states in Peninsular Malaysia were affected by the floods. The floods calamity affected the residents both mentally and physically. This national disaster caused a lot of damages and huge loss. Its recovery processes took a few months and were executed in several phases. In the first phase, the residents focused on restoring their homes and replacing home appliances, clothing and furnitures. Once these basic amenities have been sorted, the residents then, were concerned about their damaged ICT devices. Thus, the 'Ops Jelajah Cyber' was executed. The teams approached these flood victims to perform the data recovery services on their gadgets. CyberSecurity Malaysia through Ops Jelajah Cyber was able to help many of these flood victims to retrieve crucial information from their devices.

"Ops Jelajah Cyber" is a corporate social responsibility (CSR) program of CyberSecurity Malaysia. This program is an initiative to help victims of floods to retrieve their digital information, which have been destroyed when the floods damaged their ICT gadgets like computers, mobile phones, sim cards and memory cards. "Ops Jelajah Cyber" convoy conducted data recovery in 3 States that are Kelantan, Pahang and Terengganu.



Table Of Contents

02 Introduction

About CyberSecurity Malaysia **03**
Design & Cover Rationale **06**

08 Corporate Governance

Chairman's Statement **09**
The Board of Directors **10**
Corporate Governance **12**
Notice of Annual General Meeting **16**
Form of Proxy **17**

18 Operation's Review

Forward from the CEO **19**
The Management Committee **21**
Review of Corporate Performance **23**
Financial Report **26**
2015 Calendar of Activities **28**
Main Activities **40**

Editorial Committee **52**
Contact Information **53**



CORPORATE GOVERNANCE

09 Chairman Statement

10 The Board of Directors

12 Corporate Governance Report

16 Notice of Annual General Meeting

17 Form of Proxy

Chairman's Statement



**YABhg. General Tan Sri Dato'
Seri Panglima Mohd Azumi Bin
Mohamed (Retired),**
Chairman, Board of Director

I am pleased to share with you CyberSecurity Malaysia Annual Report 2015.

Over the years, CyberSecurity Malaysia has grown from strength to strength becoming an expert and the reference centre for cyber security not only to Malaysia but also regionally and internationally.

This is proven when CyberSecurity Malaysia played host to the two world leading cyber security bodies – the Asia Pacific Computer Emergency Response Team (APCERT) and the Organization of Islamic Cooperation Computer Emergency Response Team (OIC-CERT) during our signature event, Cyber Security Malaysia – Awards, Conference and Exhibition (CSM-ACE). Both organizations chose Kuala Lumpur as the venue for their annual general meetings and conferences. On top of that, three other major events were also held concurrently. Undoubtedly, these have further raised CSM-ACE profile as the largest cyber security summit in the Asia Pacific region and among OIC member countries. This speaks of the trust and confidence by the 28 economies representing the APCERT and 21 members' states of the OIC CERT towards Malaysia.

With the theme "Bridging the World – Go Cyber Green", we call upon the international community to help create a clean and safe Internet ecosystem. Cyber-attacks to the Internet ecosystem are linked to how pollutants affect our natural environment. If these pollutants are allowed to persist unchecked and uncontrolled, they will destruct our natural world. The destruction could reach a point where such damages are irreparable.

Thus, to restrict further damages to our cyberspace, a collective resolve is needed to defend our computer networks in cyberspace. We must deny cybercriminals the ability to attack. To return to the analogy on how we conserve the earth, we need to institute green

practices to reduce pollution and degradation of the earth's natural resources.

The resilience of our cyber-infrastructure is everyone's responsibility. No country, industry, community, or individual is immune to cyber-attacks. We now live in a world that is highly connected than ever before. It calls for cooperation, collaboration and participation to ensure that our infrastructure is robust against vulnerabilities and attacks. Cyber security is a National interest and priority, and each of us has a role.

Our core mission is to continuously nurture a culture of cyber security awareness by educating and offering support to strengthen self-reliance in cyber defence technology and personnel.

I am confident that CyberSecurity Malaysia will continue to foster greater collaborations among our regional cyber security stakeholders with a common goal towards ensuring a safe and secured cyber space that will open new opportunities for all.

Thank you.

A handwritten signature in black ink, appearing to read "General Tan Sri Dato' Sri Panglima Mohd Azumi Mohamed".

General Tan Sri Dato' Sri Panglima Mohd
Azumi Mohamed (Retired)
Chairman, Board of Directors



Board of Directors



General Tan Sri Dato' Seri Panglima Mohd Azumi Bin Mohamed (Retired)

- Chairman, Board of Directors, CyberSecurity Malaysia,
- Member, Audit Committee, CyberSecurity Malaysia
- Board of Directors



Tan Sri Dato' Sri Dr. Noorul Ainur binti Mohd Nur

- Secretary General, Ministry of Science, Technology and Innovation (MOSTI),
- Director, CyberSecurity Malaysia,
- Chair, Human Resources and Remuneration Committees (HRRC),
- CyberSecurity Malaysia Board of Directors



Dato' Dr. Haji Amirudin Bin Abdul Wahab

- Chief Executive Officer, CyberSecurity Malaysia
- Director, CyberSecurity Malaysia



Datuk Haji Abang Abdul Wahap Bin Haji Abang Julai

- Mayor of Kuching North City Commission,
- Director, CyberSecurity Malaysia





Datuk Dr. Abdul Raman Bin Saad

Ir. Md. Shah Nuri Bin Md. Zain

Dr. Suhazimah Binti Dzazali

Rohani Binti Mohamad

- Founder of ARSA LAWYERS (Messrs Abdul Raman Saad & Associates) and has been its Managing Partner since 1979.
- Director, CyberSecurity Malaysia,
- Chairman, Audit Committee, CyberSecurity Malaysia Board of Directors

- Under Secretary Cyber & Space Security Division, National Security Council, Prime Minister's Department,
- Director, CyberSecurity Malaysia,
- Member, Human Resources and Remuneration Committees (HRRC),
- CyberSecurity Malaysia Board of Directors

- Deputy Director General (ICT), Malaysian Administrative Modernisation And Management Planning Unit (MAMPU), Prime Ministers Department, Director,
- CyberSecurity Malaysia (Appointed on 24 April 2015)

- Deputy Under Secretary, Information Technology Division, Ministry of Finance,
- Director, CyberSecurity Malaysia
- Member, Audit Committee, CyberSecurity Malaysia Board of Directors,
- Member, Human Resources and Remuneration Committees (HRRC),
- CyberSecurity Malaysia Board of Directors



Corporate Governance

The Board of Directors of CyberSecurity Malaysia is pleased to report that for the financial year under review, CyberSecurity Malaysia has continued to apply good corporate governance practices in managing and directing the affairs of CyberSecurity Malaysia, by adopting the substance and spirit of the principles advocated by the Malaysian Code on Corporate Governance ("the Code").

BOARD RESPONSIBILITIES

The board maps out and reviews CyberSecurity Malaysia's strategic plans on an annual basis to ensure CyberSecurity Malaysia's operational directions and activities are aligned with the goals of its establishment by the government of Malaysia. The board considers in depth, and if thought fit, approves for implementation key matters affecting CyberSecurity Malaysia which include matters on action plans, annual budget, major expenditures, acquisition and disposal of assets, human resources policies and performance management. The board also reviews the action plans that are implemented by the management to achieve business and operational targets. The board also oversees the operations and business of CyberSecurity Malaysia by requiring regular periodic operational and financial reporting by the management, in addition to prescribing minimum standards and establishing policies on the management of operational risks and other key areas of CyberSecurity Malaysia's activities.

The board's other main duties includes regular oversight of CyberSecurity Malaysia's operations and performance and ensuring that the infrastructure, internal controls and risk management processes are well in place.

The Following Board Committees, Which Were Set Up, Have Also Fulfilled Their Specific Responsibilities.

The Human Resources and Remuneration Committees (HRRC)

Duties:

- i. Performance-based Remuneration for CyberSecurity Malaysia's Chief Executive Officer (CEO).
To review and recommend to the Board a performance-based remuneration for the CEO, or the person performing the duties and assuming the responsibilities of the CEO, by reference to the corporate goals and objectives as resolved by the Board from time to time.
- ii. The Company's Human Resource Matters including:
 - To review the overall market positioning of the Company's remuneration package and policies, on an annual basis, with a view to retain and/or attract high caliber staff and thereafter submit an appropriate recommendation for the Board's consideration and approval.
 - To review the Company's Human Resources development programs and policies related to the remunerations, and ensure compliance with the applicable laws and regulations of the country.
 - To undertake, consider and act on other human resource related issues or tasks as the committee consider appropriate or as may be referred to by the Board.
 - To periodically review and participate in determining the organisational structure for the Company.

- iii. To review potential candidates for hiring and promotion for the Top Management positions of the Company.

Members:

1. YBhg. Tan Sri Dato' Sri Dr. Noorul Ainur binti Mohd. Nur
2. Encik Ir Shah Nuri bin Md Zain
3. Puan Rohani bin Mohamad

Terms of Reference of the HRRC

Size and Composition

- i. The HRRC shall consist of not less than three (3) Directors from the Board members. They are appointed by the CyberSecurity Malaysia's Board of Directors.
- ii. The Board may from time to time appoint additional members to the HRRC from among its members and such other persons as the board deems fit.
- iii. The HRRC may invite any director, member of the Company's i.e Management or other person to attend its meeting(s) from time to time when it is considered desirable to assist the HRRC in attaining its objectives.

Meetings

- i. The HRRC shall have meetings at least twice a year. Additional meetings may be conducted at anytime with the consensus from all members of the Committee.
- ii. All decisions of the HRRC shall be by majority vote. In the event of a tie, the Chairperson shall have the second or casting vote in addition to his or her



- original vote.
- iii. The quorum for HRCC meeting shall be two (2) members of the appointed members.
- iv. The Head of Human Capital Department ("HCD") is the Secretary for this Committee. In the absence of the Head of HCD, a representative from HCD shall replace the Head of HCD in carrying out the secretariat function.
- ### Audit Committee (AC)
- Duties:**
- i. To review the Company's final statements of accounts prior to submission to the Board, to ensure compliance with disclosure requirements and adjustments suggested by the auditors.
 - ii. To review the internal controls, performance and findings of the internal auditors and to recommend and implement appropriate remedial and corrective actions.
 - iii. To recommend to the Board the appointment of external auditors of the Company, the audit fee and any matter of resignation or dismissal.
 - iv. To discuss any matters arising from the previous year's audit, to review the scope of the current year's audit, the plans for carrying out the audit, the extent of planned reliance on the work of other independent auditors and the Company's own internal auditors.
 - v. To review any significant audit problems that can be foreseen either as a result of the previous year's experience or because of new developments.
 - vi. To evaluate and review the role of the internal and external auditors from time to time.
 - vii. To review any significant related party transactions that may arise within the Company.
 - viii. To review any significant transactions which are not a normal part of the ordinary business of the Company.
- ix. To place the internal auditors under the direct authority and supervision of the Audit Committee and to evaluate and approve their performance and remuneration package.
- x. To recommend changes in the accounting policies to the Board of Directors.
- xi. To review the assistance given by the Company's officers to the auditors.
- xii. To consider any matter which the auditors may wish to bring to the attention of the Directors.
- xiii. To carry out such other responsibilities as may be delegated by the Board of Directors from time to time
- Members:**
1. YBhg. Datuk Dr. Abdul Raman bin Saad (Chairman)
 2. YABhg. General Tan Sri Dato' Seri Panglima Mohd Azumi bin Mohamed (Retired)
 3. Puan Rohani binti Mohamad
- Terms of Reference of the AC**
- Size and Composition**
- The Audit Committee shall consist of at least three (3) but not more than five (5) members of whom the majority shall be independent non-executive Directors of CyberSecurity Malaysia.
- The members of the Audit Committee shall select a chairman from among them who is not an executive director or employee of the Company or any related organisation.
- Meetings**
- i. Meetings of the Committee shall be held at least two (2) times a year or at a frequency to be decided by the Committee and the Committee may invite any person to be in attendance at such meetings.
 - ii. The quorum for Meetings shall be two (2).
 - iii. Meetings may be convened upon request of the auditors of the Company to consider any matter that the auditors believe should be brought to the attention of the Directors.
 - iv. The Audit Department of the Company shall be the Secretariat to the Audit Committee.

Governance and Integrity Committee (GIC)

Duties:

1. Policy

- i. To review and recommend amendments to any policy so as to overcome weaknesses in management, improve controls against corruption, malpractices, abuse of powers and administrative weaknesses.
- ii. To evaluate and review strategic plans for enhancing the best governance practices, which are capable of achieving delivery system that is infused with integrity, accountability, trust, fairness, monitoring and stewardship, transparent and responsive to clients.

2. Systems and Work Procedures

To evaluate and review systems and work procedures:

- i. That are giving rise to various bureaucratic red-tapes, which could possibly weaken administration, reduce efficiency, non-accountability at the same time giving rise to avenues for bureaucratic hassles, delays, injustices and indiscriminate (usage of) discretion as well as providing opportunities for corruption, malpractices and abuse of powers.
- ii. that are transparent and with accountability, optimization of resources and information management system that is efficient and effective to achieve Company's missions and visions or objectives.

3. Noble Values and Code of Ethics

- i. To review activities that enhances integrity of staffs including consolidation and implementation of policies and procedures that are infused with noble values and code of ethics so as to prevent staff from committing all forms of negative conduct inclusive of corruption, malpractices, and abuse of powers.
- ii. To review and validate organizational code of ethics.



4. Customer Management

To review the strategic and quality system of customer management in order to portray efficiency, sensitiveness, friendliness and responsiveness towards the needs of clients (be they stakeholders, internal or external clients) and be perceived as providing value-added and continuously improved delivery system, as well as to prevent being seen as slip-ups in the fulfillment of entrusted duties and responsibilities.

5. Detection, Punitive and Rehabilitation Action

To evaluate and review any matters primarily significant problems resulting from contravention of laws, regulations, system and work procedures or code of ethics including any form of offences or crime committed by staff.

6. Recognition and Appreciation

To evaluate and review the recognition and appreciation to staff who have shown exemplary services and exhibiting noble values through voluntary activities by giving religious advice and guidance and those who have reported cases of corruption, malpractices and misconduct within divisions/departments.

Members:

1. YBhg. Datuk Abang Abdul Wahap bin Abg Julai (Chairman)
2. YABhg. General Tan Sri Dato' Seri Panglima Mohd Azumi bin Mohamed (Retired)
3. YBhg. Datuk Dr. Abdul Raman bin Saad

Terms of Reference of the GIC

Size and Composition

The Governance and Integrity Committee shall consist of at least three (3) but not more than five (5) members of whom the majority shall be independent non-executive Directors of CyberSecurity Malaysia.

The members of the Governance and Integrity Committee shall select a chairman from among them who is not an executive director or employee of the Company or any related organization.

Meetings

- i. Meetings of the Committee shall be held at least two (2) times a year or at a frequency to be decided by the Committee and the Committee may invite any person to be in attendance at such meetings.
- ii. The quorum for Meetings shall be two (2).
- iii. Meetings may be convened upon request of the Management Committee to consider any matter that the Management Committee believes should be brought to the attention of the Directors.
- iv. The Audit Department of the Company shall be the Secretariat to the Governance and Integrity Committee.

BOARD COMPOSITION AND BALANCE

The Board consists of members of high caliber, with good leadership skills and vastly experienced in their own fields of expertise, which enable them to provide strong support in discharging their duties and responsibilities. They fulfill their role by exercising independent judgment and objective participations in the deliberations of the Board, bearing in mind the interests of stakeholders, employees, customers, and the communities in which CyberSecurity Malaysia conducts its business. All selected members of the Board must obtain the prior approval from the Minister of Domestic Trade and Consumer Affairs (MDTCA).

At least half of the total composition of the Members of the Board must be from the government sector and are to be appointed by the Minister of Science, Technology and Innovation. The remaining members may be from the commercial or other relevant sectors that have been elected by the members of CyberSecurity Malaysia at its General Meeting. There are currently seven (7) members of the Board.

The Board is fully and effectively assisted in the day-to-day management of CyberSecurity Malaysia by the Chief Executive Officer and his management team. The profiles of the current Members of the Boards are set out on pages of the Annual Report.

SUPPLY OF INFORMATION TO THE BOARD

Board meetings are held regularly, whereby reports on the progress of CyberSecurity Malaysia's business and operations and minutes of meetings of the Board are tabled for review by the Members of the Board. At these Board meetings, the Members of the Board also evaluate businesses and operational propositions and corporate proposals that require Board's approval.

The agenda for every Board meeting, together with comprehensive management reports, proposal papers and supporting documents, are furnished to all Directors for their perusal, so that the Directors have ample time to review matters to be deliberated at the Board's meeting and at the same time to facilitate decision making by the Directors.

As at the end of the financial year 2013, sixteen (16) Board Meetings were held inclusive of circular resolutions passed.

APPOINTMENTS AND RE-ELECTION TO THE BOARD

Members of the Board that represents the Ministry of Science, Technology and Innovation ("MOSTI") are not subject to retirement whereas other members of the Board shall hold office for a term of two (2) years or for a term which commences at the date of appointment and spans two annual general meeting (including where applicable the annual general meeting where the appointment was made), whichever is the longer.

Tan Sri Dato' Sri Dr. Noorul Ainur binti Mohd. Nur, Director of CyberSecurity Malaysia is not subject to retirement since she is representing MOSTI. Dr Amirudin bin Abdul Wahab, being the Chief Executive Officer is subject to retirement in accordance with his tenure of service with CyberSecurity Malaysia and the terms and conditions applicable thereto.

Currently Ir Md Shah Nuri bin Md Zain and Dr. Suhazimah binti Dzazali who are the Directors holding office for a term of two (2) years,



which terms is expiring pursuant to Articles 31 and 33 of the Articles of Association of CyberSecurity Malaysia and are eligible for re-election. Ir Md Shah Nuri bin Md Zain and Dr. Suhazimah binti Dzazali therefore, have offered themselves for a re-election as Directors and will be considered for approval by the Members of CyberSecurity Malaysia at the Nineth (9th) Annual General Meeting 2015.

DIRECTORS' TRAINING

Directors are encouraged to attend talks, training programmes and seminars to update themselves on new developments in relation to the industry in which CyberSecurity Malaysia is operating.

ANNUAL GENERAL MEETING (AGM)

The Annual General Meeting represents the principal forum for dialogue and interaction with Members of CyberSecurity Malaysia namely the Ministry of Finance (Inc.) ("MOF (Inc.)") and MOSTI. Members are given an opportunity to raise questions on any items on the agenda of the general meeting. The notice of meeting and annual report is sent out to the Members of CyberSecurity Malaysia at least 21 days before the date of the meeting which is in accordance with the Articles of Association of CyberSecurity Malaysia.

INTERNAL CONTROL AND RISK MANAGEMENT

The Board is responsible for CyberSecurity Malaysia's system of internal controls and its effectiveness. However, such a system is designed to manage CyberSecurity Malaysia's risks within an acceptable risk profile, rather than eliminate the risk of failure to achieve the policies and business objective of CyberSecurity Malaysia. The prescribing and maintenance of a system of internal controls, however, provides a reasonable assurance of effective and efficient operations, and compliance with laws and regulations, as well as with internal procedures and guidelines.

The Board has, through the Management, carried out the ongoing process of identifying, evaluating and managing the key operational

and financial risks confronting CyberSecurity Malaysia. The Board embarked on a review of the existing risk control and risk management, implementing and entrenching the risk management culture and functions within CyberSecurity Malaysia.

The internal risk control and management programmes prescribed by the Board include policies and procedures on risks and control by identifying and assessing the risks faced, and in the design, operation and monitoring of suitable internal controls to mitigate and control these risks.

The Board is of the view that the system of internal controls in place for the year under review and up to the date of issuance of the annual report and financial statements is sufficient to safeguard the interests of the stakeholders, clients, regulators and employees, and CyberSecurity Malaysia's assets.



Notice of Annual General Meeting

NOTICE IS HEREBY GIVEN THAT the 10th Annual General Meeting of CYBERSECURITY MALAYSIA will be held by way of Members' Circular Resolution pursuant to Article 20 of the Company's Articles of Association on or before 30 June 2016 to transact the following business:

AS ORDINARY BUSINESS

| | | |
|----|--|-----------------------|
| 1. | To receive the Audited Financial Statements for the financial year ended 31 December 2015 together with the Reports of the Directors and Auditors thereon | Ordinary Resolution 1 |
| 2. | To approve the Directors' Allowances of RM198,387.10 for the financial year ended 31 December 2015; | Ordinary Resolution 2 |
| 3. | To re-elect the following retiring Directors of the Company for a term of two (2) years pursuant to Article 31 of the Company's Articles of Association: 2.1 YABhg. General Tan Sri Dato' Seri Panglima Mohd Azumi bin Mohamed (Retired) 2.2 YBhg. Datuk Dr. Abdul Raman bin Saad; and 2.3 Puan Rohani binti Mohamad. | Ordinary Resolution 3 |
| 4. | To re-appoint Messrs Afrizan Tarmili Khairul Azhar & Co (AFTAAS) as Auditors of the Company and Messrs Afrizan Tarmili Khairul Azhar Taxation Services Sdn Bhd as Tax Consultant of the Company and to authorize the Directors to fix their remuneration; | Ordinary Resolution 4 |
| 5. | To transact any other business of which due notice shall have been given in accordance with the Companies Act, 1965. | Ordinary Resolution 5 |

BY ORDER OF THE BOARD

JAILANY BIN JAAFAR (LS 8843)

Company Secretary

Selangor Darul Ehsan

Date :

NOTES:

- i. A proxy need not be a member of the CyberSecurity Malaysia PROVIDED that a member shall not be entitled to appoint a person who is not a member as his proxy unless that a person is an advocate, an approved company auditor or a person approved by the Registrar of Companies.
- ii. The instrument appointing a proxy shall be in writing under the hand of the appointor or his attorney duly authorized in writing or if the appointor is a body corporate, either under seal or under hand of the officer of attorney duly authorized.
- iii. To be valid the proxy form duly completed must be deposited at the Registered office of the CyberSecurity Malaysia at Level 5, Sapura@Mines, No. 7 Jalan Tasik, The Mines Resort City, Seri Kembangan, 43300 Selangor Darul Ehsan, Malaysia not less than forty-eight (48) hours before the time for holding the meeting.



Form of **Proxy**



*I/We.....
of.....
being a Member of the Company hereby appoint
.....
..of
..or failing him / her
of
as *my / our proxy to vote for *me / us on my / our behalf at the 8th Annual General Meeting of the Company to be held at the Board Room of the Company, Level 7, Sapura@Mines, No. 7 Jalan Tasik, The Mines Resort City, 43300 Seri Kembangan, Selangor on the day of 2016 time and at any adjournment hereof.

Signed this day of 2016

(Signature of Appointor)

*Delete whichever is not desired

NOTES :

1. A proxy need not be a member of the CyberSecurity Malaysia PROVIDED that a member shall not be entitled to appoint a person who is not a member as his proxy unless that person is an advocate, an approved company auditor or a person approved by the Registrar of Companies.
2. The instrument appointing a proxy shall be in writing under the hand of the appointor or his attorney duly authorized in writing if the appointor is a body corporate, either under seal or under hand of the officer or attorney duly authorised.
3. To be valid the proxy duly completed must be deposited at the Registered Office of the CyberSecurity Malaysia at Level 5, Sapura@Mines, No. 7 Jalan Tasik, The Mines Resort City, Seri Kembangan, 43300 Selangor Darul Ehsan, Malaysia not less than forty-eight (48) hours before the time for holding the meeting.



OPERATION'S REVIEW

19 Forward from the CEO

21 The Management Committee

23 Review of Corporate Performance

26 Financial Report

28 2015 Calendar of Activities

40 Main Activities

40 Key Events Organised/ Co-organised at National/ International Level

42 Local and International Visits Received

43 Personnel Who Obtained Professional Certifications

44 Published Technical Papers and Journals

46 List of Presentations at International Level

49 List of Presentations at National Level

Foreword From the CEO



Dear Stakeholders,

Warm Greetings and "Salam Sehati Sejiwa".

In line with government inspiration to transform Malaysia to become a developed digital economy, cyber security has inevitably emerged as a new source of economic growth. Cyber security will underpin the future growth of any digital economy and Malaysia should be ready to capitalize on this imminent trend.

Given the nature of threats and vulnerabilities inherent in a networked cyber-connected world, cyber security has indeed become fundamental and indispensable. ICT and cyber security are no longer separate issues and new innovative approaches must be taken to address both simultaneously.

Therefore, CyberSecurity Malaysia is always looking into expanding its service portfolio. As the reference and technical centre of cyber security in the country, all the way through 2015, CyberSecurity Malaysia has initiated diverse efforts to strengthen the cyber security industry in Malaysia by actively participated in various activities both within and outside the country.

In 2015, CyberSecurity Malaysia has continued to be the catalyst of cyber security industry in Malaysia. Various forms of

strategies and innovative programs have been implemented. On top of that, CyberSecurity Malaysia also actively participated and supported technical programs, capacity building, cyber safety awareness initiatives as well as the production of integrated cyber security services.

Cyber safety awareness programs were in high demand. CyberSecurity Malaysia received many invitations from organizations to share information and knowledge on the importance of cyber security, including cyber incident related issues.

As a result of this ongoing engagement, CyberSecurity Malaysia has been recognized at the regional level. We were invited to participate in a seminar on Cyber Security and Desktop Exercise organized by the Thailand's Ministry of Defense.

In addition, CyberSecurity Malaysia became panels to deliver various keynotes as well as presentations at various events organized by the international organizations globally. This includes the organization of technical training program among ASEAN countries, held under the Malaysian Technical Cooperation Programme (MTCP), the Ministry of Foreign Affairs supported by the Ministry of Science, Technology and Innovation (MOSTI) and the National Security Council (NSC).

In 2015, CyberSecurity Malaysia received an award for the Best Cyber Security Innovation Award by FireEye Inc., a leading organization of cyber security technology research based in the United States. This award recognized our innovative service known as CyberDEF, which was specifically developed to address issues related to digital forensics and malware attacks.



Indeed, for the first time, CyberSecurity Malaysia was invited to participate in the Antifraud Russia 2015 Conference which took place in Moscow, Russia. This exclusive invitation was a recognition for our expertise, simultaneously CyberSecurity Malaysia was at par with other cyber security organizations internationally.

As CyberSecurity Malaysia is mandated and entrusted by the Government in the field of cyber security, we shall be committed to continue the initiatives and efforts to support the Government's aspiration of making Malaysia a developed nation.

We are very committed and have executed several initiatives to uphold various programs in order to enhance the understanding and identify proactive actions to confront and deal with cyber attacks.

We hope that CyberSecurity Malaysia active involvement in these programs will sustain our position as a leading cyber security industry in Malaysia as well as in the international arena.

It is my pleasure to present the CyberSecurity Malaysia Annual Report 2015. This annual report features and shares with you the

organization's operational review consists of corporate performance, financial report, events and key activities throughout the year, list of local and international visits, list of staff who obtained professional certifications and achievements, publications as well as local and international presentations.

I would like to thank the Board of Directors for their valuable support, and the Management and Staff for their continuous hard work and dedications in creating and sustaining a safe cyberspace alongside promoting national sustainability, social well-being and wealth creation. I am truly grateful for the opportunity to lead CyberSecurity Malaysia.

I am confident that we are well positioned for a strong future and I look forward to work with the all sectors for the year ahead.

Thank you.
On behalf of CyberSecurity Malaysia.



DATO' DR. HAJI AMIRUDIN ABDUL WAHAB
Chief Executive Officer



The Management Committee



Dato' Dr. Haji Amirudin bin Abdul Wahab

Chief Executive Officer (CEO)



Dr. Zahri bin Hj Yunos

Chief Operating Officer (COO)



Dr. Solahuddin bin Shamsuddin

Chief Technology Officer (CTO)





Mohd Roslan bin Ahmad

Senior Vice President, Corporate Services Division (SVP CSD)



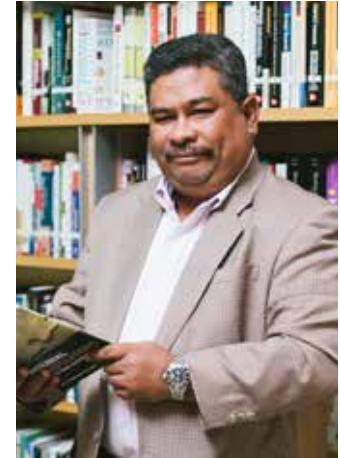
Mohd Shamir bin Hashim

Senior Vice President, International & Government Engagement Division (SVP IGE)



Roshdi bin Hj Ahmad

Senior Vice President, Corporate Strategy and Industry Development Division (SVP CSID)



**Lt. Col. Mustaffa bin Ahmad
(Retired)**

Senior Vice President, Outreach & Capacity Building Division (VP OCB)



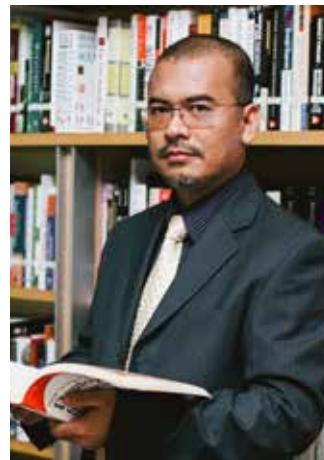
**Lt. Col. Sazali bin Sukardi
(Retired)**

Senior Vice President, Strategic Research Division (VPSR)



Maslina binti Daud

Senior Vice President, Cyber Security Proactive Services Division (VP CSPS)



Dr. Aswami Fadillah Bin Mohd Ariffin

Senior Vice President, Cyber Security Responsive Services Division (VP CSRS)



Jailany Bin Jaafar

Head, Legal & Secretarial/ Company Secretary (HOD LESEC)



Review of Corporate Performance 2015

The table below shows our performance against the target for MOSTI's Ministry KPI 2015.

| ITEM | KPI | % ACHIEVED |
|--|--|------------------------------|
| MKRA / MKPI | | |
| 1 Intensification of R,D&C via STI | <ul style="list-style-type: none"> ■ Number of Technologies Transferred ■ Number of Publications in STI Journals | 133% 120% |
| INTERNAL KPI | | |
| 2 Intensification of RD&C & Scientific/Industry Services in ST | <ul style="list-style-type: none"> ■ Number of Clients Benefited from Scientific Services Provided | 103% |
| 3 Societal Well-being Through Creation of Innovative and Creative Culture and Increase in STI Awareness, Appreciation and Application | <ul style="list-style-type: none"> ■ Number of STI/CSR Projects Diffused to Community ■ Number of People Impacted from STI/CSR Projects Diffused to Community ■ Number of STI Awareness Programmes Focusing on Students, Communities & Industries ■ Number of People Impacted from STI Awareness Programmes Focusing on Students, Communities & Industries | 100% 144% 111% 113% |
| 4 Strengthening Talents in STI | <ul style="list-style-type: none"> ■ Number of Trained K-workers by Staff Development Programmes/ Nurtured Companies ■ Number of Trained K-workers by Certification/ Professional Qualification ■ Number of Trained K-workers for Companies/ Agencies | 113% 167% 220% |
| KPI PEB | | |
| 5 Menawarkan khidmat rundingan dalam bentuk latihan bagi meningkatkan kemahiran pekerja mahir/ usahawan/ graduan dalam STI | <ul style="list-style-type: none"> ■ Bilangan k-workers Bumiputera yang dilatih dalam bidang keselamatan maklumat | 146% |
| 6 Pemindahan Teknologi | <ul style="list-style-type: none"> ■ Bilangan Pemindahan Teknologi | 100% |
| 7 Inkubator untuk syarikat Bumiputera dalam bidang sains dan teknologi dan perniagaan | <ul style="list-style-type: none"> ■ Bilangan penyertaan usahawan Bumiputera di inkubator dalam bidang STI | 110% |
| 8 Pengauditan syarikat | <ul style="list-style-type: none"> ■ Bilangan perniagaan/ syarikat yang diaudit teknologinya | 100% |
| 9 Program Pengkomersilan | <ul style="list-style-type: none"> ■ Bilangan produk yang dikomersilkan | 120% |



How We Performed Based on Corporate Key Performance Indicators (2015 KPI)

The following table are about the 2015 KPI – what were the indicators, and how we performed in relations to the targets.

| KPI | Achievement |
|--|---|
| SG1 Establishment of National Center of Excellence (COE) | <ul style="list-style-type: none"> ■ CSM COE blueprint submission for RMK11 approval <p>The CSM COE blueprint have been translated to RMK11 proposal and 8 projects have been approved value at RM 416 millions</p> |
| SG2 Develop national proactive & defensive capabilities | <ul style="list-style-type: none"> ■ 5 co-branding program local / internationa <p>7 co-branding program local / international</p> |
| SG3 Driving National Cyber Security Acculturation | <ul style="list-style-type: none"> ■ 600 Trained knowledge workers ■ 2 new services <p>1000 information security certification to local professionals</p> <p>4 New Services: <ul style="list-style-type: none"> ■ CyberD.E.F – DF (May) ■ MyCSC Premium Lisencing - IBD (1 July) ■ Mobile application security assessment – SA (3 Nov) ■ LebahNET API – MyCERT (6 Oct) </p> |
| SG4 Smart Partnership as the strategic engagement model | <ul style="list-style-type: none"> ■ 15,500 people impacted from outreach awareness activities ■ 1 New Cyber Security Awareness Modules Completed ■ RM 1M value of contribution to National Acculturation Program <p>17,487 people impacted from outreach awareness activities</p> <p>2 New Cyber Security Awareness Modules Completed : <ul style="list-style-type: none"> ■ Bahagian Teknologi Pendidikan - Module Ambassador level 2 ■ NIEW Module </p> <p>RM 1,931,460.77 value of contribution to National Acculturation Program including PR Value and Sponsorship</p> |
| SG5 Catalyze Local Industry Growth and Competitiveness | <ul style="list-style-type: none"> ■ 5 strategic partnerships established ■ 4 ICT products in evaluation for certification ■ Common Criteria procurement guideline or policy completed ■ 2 Protection Profile developed <p>Certified Product: <ul style="list-style-type: none"> ■ Biocryptodisk Sdn Bhd - Biocryptodisk Encryptor Model SD302. Cert no 2015-003-C054. </p> <p>Product In Evaluation Phase: <ul style="list-style-type: none"> ■ Dasar Jati Sdn Bhd – Media Sphere ■ Evault Sdn Bhd – Secure Mi ■ Techforte – Log Radar ver 4.0 </p> <p>CC Procurement Guideline/Policy have been presented to MOSTI at Mesyuarat Penyelaras MOSTI-CSM Bil. 2/2015 on 23rd Jun 2015</p> <p>The CC Procurement Guideline/Policy have been approved and proceed to be presented at Jawatankuasa e-Kedaulatan.</p> <p>5 Protection Profile developed</p> |

| | |
|--|--|
| SG 6 | Delivering specialized and niche services |
| ■ 83% Cyber Security Resolution | Cyber Security Resolution Result ■ MyCERT = closed : 9588 / receive : 9915 = 97.71% ■ DF = resolve : 344 / receive : 392 = 87.76% ■ AVE = 92.74% |
| ■ 75% customer satisfaction | CSM Customer Satisfaction Survey reported for year 2015 is 90.97% |
| SG 7 | Secure and Professionally Manage Funds |
| ■ Strategic Business Unit secured RM3 Mil of Net profit | RM3.17 million net profit achieved for year 2015 |
| ■ RM500k Cost saving | Total Cost Saving from procurement process amounted RM707,911.16 for year 2015 |
| SG 8 | Intellectual Property as the competitive edge |
| ■ 2 products / services approved with IP Protection under the relevant law | 3 products / services vested with IP Protection under the relevant law: ■ MyTrustSEAL - ISCB ■ CyberDEF - DF |
| ■ 12 information security papers published in journals | 18 information security papers published in journals. |
| SG 9 | Best-in-class talent |
| ■ 10% increased of local/ international as speaker/ presenter | Increase : 16 staff (53% increase) ■ 11 staffs : local / International speaker ■ 7 staff - media appearance ■ 23 staff – Trainer Total : 46 staff (2015) / 30 staff (2014) |
| ■ 3% of undergoing postgraduate program | 3.48% of undergoing postgraduate Currently we have 8 staff rating at 53 (8/230 = 3.48%) |
| SG 10 | Build Creative & Innovative Work Processes & Environment |
| ■ 75% Employee Engagement Satisfaction Index | Employee Engagement Satisfaction Index result for year 2015 is 74.1% |



Financial Report

STATEMENT OF FINANCIAL POSITION AS AT 31 DECEMBER 2015

| | 2015 | 2014 |
|-------------------------------------|--------------------|-------------------|
| | RM | RM |
| Non Current Assets | | |
| Property, Plant And Equipment | 12,356,985 | 12,163,289 |
| Intangible Assets | 3,606,121 | 3,540,259 |
| Current Assets | | |
| Trade Receivables | 351,180 | 979,664 |
| Other Receivables | 1,890,020 | 1,488,972 |
| Cash And Cash Equivalents | 113,690,886 | 12,565,140 |
| Total Current Assets | 115,932,086 | 15,033,776 |
| Total Assets | 131,895,192 | 30,737,324 |
| EQUITY AND LIABILITIES | | |
| Reserves | | |
| Accumulated Reserves | 1,411,965 | 1,363,187 |
| Non Current Liabilities | | |
| Government Grants | 125,152,627 | 25,002,044 |
| Current Liabilities | | |
| Other Payables And Accruals | 5,330,600 | 4,367,735 |
| Tax liability | - | 4,358 |
| Total Current Liabilities | 5,330,600 | 4,372,093 |
| Total Liabilities | 130,483,227 | 29,369,779 |
| TOTAL EQUITY AND LIABILITIES | 131,895,192 | 30,737,324 |

**STATEMENT OF COMPREHENSIVE INCOME FOR THE YEAR ENDED 31
DECEMBER 2015**

| | 2015 | 2014 |
|--|-------------------|-------------------|
| | RM | RM |
| Income From Grant | 90,600,554 | 60,965,445 |
| Operating Revenue | 4,857,531 | 4,429,329 |
| Other Income | 1,563,194 | 409,823 |
| Total Income | 97,021,297 | 65,804,597 |
| | | |
| Staff Cost | (28,552,448) | (31,241,703) |
| Directors' Emoluments | (897,243) | (765,974) |
| Depreciation And Amortisation | (4,956,396) | (4,985,265) |
| Rental | (4,783,083) | (4,041,874) |
| Other Operating Expenses | (57,787,689) | (24,763,674) |
| Profit Before Taxation | 44,420 | 6,107 |
| | | |
| Tax (credit)/expense | 4,358 | (4,358) |
| | | |
| TOTAL COMPREHENSIVE INCOME FOR THE YEAR | 48,778 | 1,749 |

**STATEMENT OF CHANGES IN EQUITY FOR THE YEAR ENDED 31
DECEMBER 2015**

| | ACCUMULATED RESERVES |
|--|----------------------|
| | RM |
| As at 1 January 2014 | 1,361,438 |
| Total Comprehensive income for the year | 1,749 |
| As at 31 December 2014 | 1,363,187 |
| | |
| As at 1 January 2015 | 1,363,187 |
| Total comprehensive income for the year | 48,778 |
| As at 31 December 2014 | 1,411,965 |

2015

Calendar of Activities



JAN 15 CyberSecurity Malaysia Appreciation Ceremony 2014



FEB 10 OpenSys Seminar 2015



FEB 23 Safer Internet Day 2015



JAN 27 Second UK-Malaysian Transnational Crime Working Group Meeting and meeting with Information Security Group (ISG), Royal Holloway, University of London (RHUL)



FEB 10 Cyber Security - Protection of Critical Sectors Seminar



MAR 2 39th Asia Pacific Network Information Centre (APNIC) Conference & APCERT Cyber Security Day 2015



JAN 28 National Cyber Security Awareness Master Plan Workshop



FEB 17 Official visit by The Honorable Tan Sri Dato' Sri Dr. Noorul Ainur Mohd Nur, Secretary General of the Ministry of Science, Technology and Innovation (MOSTI) and launching of Cyber Forensics X Lab



MAR 3 7th East Asia Security Outlook Seminar 2015



FEB 9 Certified Security Analyst (ECSA) Training





MAR 4 Cyber Security Issues Seminar



MAR 19 Public Sector Social Media Forum



MAR 31 Cyber Security Awareness with the Industry Program



MAR 10 Internal Audit ISO / IEC 27001: 2013 course



MAR 24 Audit Committee Conference



APR 2 Ops Jelajah Cyber – Zone 3, Terengganu



MAR 13 Ops Jelajah Cyber – Zone 1 Kelantan and Zone 2 Pahang



MAR 25 ASEAN Regional Forum – Workshop on Counter Radicalisation and the Internet



APR 6 Working Visit by the Executive Director, Market & Corporate Supervision dan Security Commissions Delegates to CyberSecurity Malaysia



MAR 17 7th Annual Bank Tech Asia 2015



MAR 28 Activities and Exhibition in conjunction with the Majlis Graduasi & Inovasi 2015 at SMK Ghafar Baba, Melaka



APR 14 Meeting and Working Visit to CNCERT, Beijing, China





APR 16 Khazanah ICT Day Carnival 2015, Kuala Lumpur



APR 25 Prize Giving Ceremony of Kuiz Celik CyberSAFE - ASUH, Kuala Lumpur



MAY 12 Strategic Collaboration between CyberSecurity Malaysia and Universiti Teknikal Malaysia Melaka (UTeM), Melaka



APR 16 Science 4U Carnival – Central Zone - Kiblat Walk, Putrajaya



APR 29 ISMS Transition Briefing Session, Putrajaya



MAY 12 Safe Cities Asia 2015, Singapore



APR 21 Meeting and Working Visit to Trendmicro, Manila, Philippines



APR 29 Science 4U Carnival – Sabah Zone, Penampang



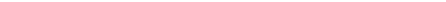
MAY 13 Applied Risk and Incident Management Seminar, Kuala Lumpur



APR 22 Cyber Intelligence Asia Conference 2015, Manila, Philippines



MAY 4 The 20th ISO/IEC JTC 1/SC 27 ITSecurity Techniques Working Group & Plenary Meeting, Kuching, Sarawak



MAY 10 Global Offset and Countertrade Associate (GOCA)



MAY 21 National Innovation Conference & Exhibition - NICE 2015, Kuala Lumpur





MAY 22 Launching of CyberDEF in conjunction with National Innovation Conference and Exhibition (NICE) 2015, Kuala Lumpur



JUN 1 Strategic Working Visit to AlliaCERT, Paris, France



JUN 9 National ICT Seminar - MyGOV Tech 2015



MAY 25 ASEAN Forum on ICT for Sustainable Rural Development and Knowledge Cross-Fertilization, Kuala Lumpur



JUN 2 Visit from The Ambassador and Delegation of ICT Industry, Czech Republic



JUN 9 Asia PKI Conference 2015



MAY 26 Cyber Security and Live Simulation Seminar, Kuala Lumpur



JUN 4 FIRST Technical Colloquia (TC'S) 2015, Amsterdam, Netherlands



JUN 10 Signing Ceremony of the Memorandum of Understanding between CyberSecurity Malaysia and Moroccan National Defense through the General Direction of Information System Security (DGSSI), Kuala Lumpur



MAY 26 Cyber Security and Live Simulation Seminar, Kuala LumpurSymposium on Electronic Crime Research (eCrime 2015), Barcelona, Spain



JUN 8 Cyber Security Day, Kuala Lumpur



JUN 12 Meeting and Working Visit to CNCERT, Beijing, China





JUN 12 Signing Ceremony of Memorandum of Agreement (MoA) between International College of Yayasan Melaka (ICYM) and CyberSecurity Malaysia



JUN 16 Strategic Meetings and Research Collaboration on Biometrics Forensics as well as Working Visit to Mobotix AG Research Centre, Langmeil, Germany



JUN 26 Signing Ceremony of the Memorandum of Understanding between Thailand Computer Emergency Response Team (ThaiCERT, Electronic Transactions Development Agency (ETDA) dan CyberSecurity Malaysia, Bangkok, Thailand



JUN 12 Cyber Security Professional Certification Scheme Workshop, Post Dickson



JUN 17 Persada Transformasi Perkhidmatan Awam 2015 Program, PICC



JUN 26 Strategic Meeting and Research Collaboration as well as Working Visit to Computer Forensic Laboratory Operations Center of the Royal Thai Police, Bangkok, Thailand



JUN 14 FIRST (Forum for Incident Response and Security Teams) Conference and AGM 2015, Berlin, Germany



JUN 18 Strategic Meetings and Research Collaboration on Biometrics Forensics as well as Working Visit to Open Technology Real Services (OTRS), Straubing, Germany



JUN 20 Safe Citi NatCSIRT Meeting 2015, Berlin, Germany es Asia 2015, Singapore

JUL 1 Handing Over Ceremony of MyCSC Premium Licensing to KPerak, Ipoh, Perak





JUL 2 Soft Launch of the CSM-ACE 2015, APCERT and OIC-CERT Conference, Kuala Lumpur



JUL 11 "Shopping Raya" Programme with Anak-anak Bait Al Amin, Perak



JUL 28 Technical Colloquium 2015, Seri Kembangan



JUL 2 Meeting on Cyber Security and Desktop Drill organized by the Ministry of Defence Thailand with cooperation from CyberSecurity Malaysia, and UBM Malaysia in Bangkok, Thailand



JUL 11 Youth Intellectual Dialogue "Belia dan Pengaruh Media Sosial" - Pusat Belia Antarabangsa, Kuala Lumpur



JUL 28 ASEAN REGIONAL FORUM (ARF) Workshop on Cyber Security Capacity Building, Beijing, China



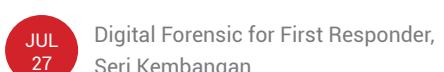
JUL 9 PETRONAS Security Awareness Program 2015 - KLCC



JUL 26 Working Visit to HUAWEI Headquarters in Shenzhen, China and Visit to "SOC" Automated Systems Holdings Limited, Hongkong



JUL 29 5th Annual Cyber Security For Government Summit - Putrajaya



AUG 1 Crisis Simulation Exercise, Seri Kembangan





AUG 6 CyberSecurity Malaysia (CSM) Technology Roadmap Workshop & Discussion Session, Putrajaya



AUG 18 Cyber Security Readiness Workshop, Cyberjaya



AUG 26 Development of Cyber Security Framework for the Public Sector Workshop 2016 - 2020 with Industry, Kuala Lumpur



AUG 8 NICTSeD 2015 – Qualifying, Quarter and Semi Finals, Johor Bahru



AUG 25 Briefing on the Preparation of Information Security Management System Certification (ISO/IEC 27001:2013), Kuala Lumpur



AUG 26 Development of Cyber Security Framework for the Public Sector Workshop 2016 - 2020 with Industry, Kuala Lumpur



AUG 17 Cyber Security Technical Training Among ASEAN Countries, Selangor



AUG 25 MyIoT Week 2015, Kuala Lumpur



AUG 28 Asia-Pacific Economic Cooperation Electric Commerce Steering Group-Data Privacy Subgroup (APEC ECGS-DPS) & World Trustmark Alliance (WTA) Task Force Meeting, Manila, Philippines



AUG 18 Oracle Security Workshop 2015, Kuala Lumpur



AUG 25 Enhancing Port Security Against Terrorism Course Seminar, Pulau Pinang





AUG 27 Lecture on Cyber War at the Maktab Pertahanan Angkatan Tentera (MPAT) 35/2-15, Kuala Lumpur



SEPT 6 Annual General Meeting and Conference of the Organisation of Islamic Cooperation – Computer Emergency Response Team (OIC-CERT) and the Asia Pacific Computer Emergency Response Team (APCERT), Kuala Lumpur



SEPT 18 CLOUD EXPO KOREA 2015, Korea



SEPT 2 3rd International Conference Recent Trends in Engineering and Technology (ICRET'2015), Istanbul, Turkey



SEPT 7 Advanced Computer and Network Intrusion Course (ACNIC)



SEPT 9 Malaysian Cyber Security Awards 2015 Gala Dinner, Kuala Lumpur



SEPT 4 Working Visit by Director General of Malaysian Administrative Modernisation and Management Planning Unit (MAMPU) to CyberSecurity Malaysia



SEPT 8 Finale of the National ICT Security Discourse – CyberSAFE Challenge Trophy (NICTSeD) 2015, Kuala Lumpur



SEPT 10 Opening of the Cyber Security Malaysia – Awards, Conference and Exhibition 2015 and APCERT Conference and OIC-CERT Conference 2015, Kuala Lumpur



SEPT 10 Launch of "Buku Kisah Benar Cyber999", Kuala Lumpur





SEPT 13 China-ASEAN Information Harbor Forum, Quangzi, China



OCT 4 Working Visit by The National Commission on Research, Science, Technology (NCRST), Namibia.



OCT 7 Management Course for Grades 27-38 Assistant Chief Security Officer of The Malaysian Government, PRime Minister Department, Port Dickson, Negeri Sembilan.



SEPT 16 Strategic Working Visit and International Common Criteria Conference, United Kingdom



OCT 6 Workshop on Multimedia Forensics Analysis Technique and Security Health Check Day 2015, Bangkok, Thailand.



OCT 7 Cyber Awareness Seminar, Politeknik Muadzam Shah, Kuantan, Pahang.



SEPT 28 4th International Industrial Security Seminar, Pulau Pinang



OCT 6 3rd Big Data Show Malaysia 2015, Kuala Lumpur.



OCT 7 Cloud South East Asia Conferences 2015, Kuala Lumpur



OCT 4 Workshop on Empowering New Technology in Contributing to the Development of Fisheries Engineering, Morib, Selangor



OCT 8 Forum and Digital Services Platform for Government 2015, Putrajaya





OCT 11 Memorandum of Understanding (MoU) between CyberSecurity Malaysia and Information Technology Authority (ITA), Oman



OCT 14 Falak Carnival in conjunction with Maal Hijrah 1437H, Melaka

OCT 28 Technology and Applications for Disaster Management International Conference 2015 (TADMIC 2015), Kuala Lumpur.



OCT 28 ASEAN CERT Incident Drill 2015 (ACID DRILL)



OCT 21 ASEAN Regional Forum Seminar on Operationalizing Cyber Confidence-Building Measures, Singapore.



OCT 30 Talking ASEAN Conference : "The Role of Media in Countering Religious Extremism", Kuala Lumpur



OCT 12 3rd International Conference on Artificial Intelligence and Computer Science (AICS 2015), Pulau Pinang.



OCT 25 EC/ISO Pre-Plenary Workshop for Developing Countries & 30th meeting of ISO/IEC Joint Technical Committee (JTC) 1, Beijing, China



OCT 31 Power Success Course for Leaders: Towards Excellence Performance For Administrative And Diplomatic Officer (PTD) and Assistant Administrative Officer (PPT), Cameron Highland, Pahang



OCT 26 FIRST Technical Colloquium: Pembentangan Kertas Kerja & Perbincangan Panel: Building an Effective National CERT Team, Istanbul, Turkey



OCT 12 FireEye Special Customer Appreciation & Awards in conjunction with Cyber Defense Summit 2015, Washington D.C, Amerika Syarikat



NOV
3

ICT Sabah 2015 Seminar, Kota Kinabalu, Sabah.



NOV
4

Cyber Security Seminar and Desktop Exercise, Bangkok, Thailand



NOV
4

Presentation of Working Paper and Working Visit - Nasarawa State University, Keffi, Nigeria and Consultancy Support Services (CS2) Limited, Abuja, Nigeria



NOV
9

Exchange of The Memorandum of Understanding between CyberSecurity Malaysia and the Malaysian Communications and Multimedia Commission (MCMC), Cyberjaya



NOV
11

International Information Systems Security Certification Consortium Conference, Kuala Lumpur



NOV
11

E-Dagang CyberSAFE Training Program, Kuala Terengganu, Terengganu



NOV
13

Competition & Exhibition - Universiti Teknologi PETRONAS National Hacking Competition 2015 (UTP-HAX'15), Seri Iskandar, Perak



NOV
14

Karnival Inovasi – Creativity & Science 4U Zone Timur, Kuala Terengganu, Terengganu



NOV
12

Visit by Information Communication and Technology Secretary Cluster, National Professor Council to CyberSecurity Malaysia, Seri Kembangan



NOV
17

Induction Programme / MySEF Revision, Kuala Lumpur





NOV 18 MOSTI Commercialization Conference and Exhibition (MCCE) 2015, Kuala Lumpur



DEC 1 AntiFraud Russia 2015 Conference and Working Visit to Moscow, Russia



DEC 15 World Trustmark Alliance (WTA) Task Force and Annual Meeting, Shenzhen, China



NOV 23 Memorandum of Understanding (MOU) on Cooperation between CyberSecurity Malaysia and The Indian Computer Emergency Response Team (CERT-IN), Putrajaya



DEC 1 The 2015 Fourth International Conference on Internet Applications, Protocols and Services (NETAPPS2015), Malaysian Communications and Multimedia Commission (MCMC), Cyberjaya



DEC 17 Advocacy Ilmuwan National Professors Council, Dewan Besar UTEM, Melaka



DEC 26 Technical Collaboration in Digital Forensics between Information Technology Authority (ITA) and CyberSecurity Malaysia



NOV 25 Sarawak IT Security Seminar 2015, Kuching, Sarawak



DEC 7 The 1st Annual Coordination Meeting of the Organization of the Islamic Cooperation Institutions -(ACMOI), Jeddah, Kingdom of Saudi Arabia



NOV 29 2015 SSR International Conference on Social Sciences and Information in Tokyo, Japan



Main Activities

Key Events Organised/ Co-organised at National/ International Level

28 - 29 January 2015

NATIONAL CYBER SECURITY AWARENESS MASTER PLAN WORKSHOP

On 28 and 29 January 2015, National Security Council (NSC) in collaboration with CyberSecurity Malaysia organized a workshop to discuss the development of Master Plan for National Cyber Security Awareness (CSA).

The two-day workshop was attended by 19 organizations from various Ministries, Government agencies, NGOs and representatives of private companies that directly involved in strengthening cyber security awareness in Malaysia.

10 -11 February 2015

CYBER SECURITY - PROTECTION OF CRITICAL SECTORS SEMINAR

Southeast Asia Regional Centre for Counter-Terrorism (SEARCCT) in collaboration with CyberSecurity Malaysia organized a Cyber Security - Critical Sector Protection Seminar. The seminar was held from 10 to 11 February 2015 and was supported by the Ministry of Foreign Affairs and National Security Council (NSC).

The two-day workshop was held at CyberSecurity Malaysia. More than 30 participants from various government agencies and Critical National Information Infrastructure (CNII) organizations attended the Seminar.

2 - 5 March 2015

39TH ASIA PACIFIC NETWORK INFORMATION CENTRE (APNIC) CONFERENCE & APCERT CYBER SECURITY DAY 2015

The 39th APNIC Conference which was organized by the Asia Pacific Network Information Centre (APNIC) and Asia Pacific Computer Emergency Response Team (APCERT) was held from 2 to 5 March 2015 in Fukuoka, Japan.

The conference aimed to bring together the network operator's community and cyber security practitioners (CERT) in the Asia Pacific region.

CyberSecurity Malaysia which is a member of the Steering Committee for APCERT has been actively involved in this conference, and also attended several meetings to discuss the matter and issues related to cyber security.

12 – 14 May 2015

SAFE CITIES ASIA 2015, SINGAPORE

CyberSecurity Malaysia participated in Safe Cities Asia 2015 Conference as speaker organized by the WBR Singapore Pte. Ltd. in Singapore from 12 to 14 May 2015.

A total of 200 participants from around the world and 50 speakers from various industries and portfolio, including Interpol, Europol, US, UK, Holland, India, Hong Kong, Australia, Japan, Singapore, Philippines, Indonesia, Malaysia and New Zealand attended the conference. Besides the conference, there was also an exhibition participated by various organizations such as Alcatel-Lucent, Hitachi Data Systems, IBM, NICE Systems, Simudyne, Citynet, Verint and A * STAR's Institute for Infocomm Research.

29 - 30 July 2015

5TH ANNUAL CYBER SECURITY FOR GOVERNMENT SUMMIT - PUTRAJAYA

On 29 and 30 July 2015, CyberSecurity Malaysia participated and supported the 5th Annual Cyber Security Summit for Government Summit which was organized by IQPC Asia.

The summit has been held to discuss issues regarding cyber security becoming increasingly important in the development of an organization.

As the supporting organization to this summit, CyberSecurity Malaysia has also involved in presentation and panel discussion. Representative of CyberSecurity Malaysia is Lt. Col. Sazali bin Sukardi (Retired) the Vice President of Strategic Research Division who gave two presentations entitled "APT Detection" and "Safeguarding Your Government Critical Infrastructure against APTs Modern".

18 & 27 August 2015

CYBER SECURITY READINESS WORKSHOP, CYBERJAYA

On August 18 and August 27, 2015, CyberSecurity Malaysia organized a Workshop on Cyber Security Readiness for technical officers of the Ministry of Science, Technology and Innovation (MOSTI). The workshop is aimed to enhance the participants' understanding of the steps and proactive actions that need to be in confronting and dealing with cyber attacks.

A total of 14 MOSTI agencies attended the first workshop and 21 agencies attended the second session that was opened by the Chief Executive Officer of CyberSecurity Malaysia, Dr. Amirudin Abdul Wahab.

The workshop was an opportunity for CyberSecurity Malaysia to share experiences and to obtain input and feedback regarding cyber security.



28 - 30 August 2015

**ASIA-PACIFIC ECONOMIC COOPERATION
ELECTRIC COMMERCE STEERING
GROUP-DATA PRIVACY SUBGROUP
(APEC ECGS-DPS) & WORLD
TRUSTMARK ALLIANCE (WTA) TASK
FORCE MEETING, MANILA, PHILIPPINES**

On 28 to 30 August 2015, CyberSecurity Malaysia attended the APEC Task Force CSG-DPS and WTA Task Force Meeting, organized by the Asia-Pacific Economic Cooperation (APEC) and the World Trustmark Alliance (WTA) in collaboration with the Government of the Philippines located in Manila, Philippines. CyberSecurity Malaysia participation is in the capacity as Chairman of the WTA (World Trustmark Alliance).

By attending the APEC meeting CSG-DPS, CyberSecurity Malaysia obtained information and disclosures about the economic development in the Asia Pacific region, particularly in the development of data privacy in electronic commerce (electronic commerce development data privacy).

CyberSecurity Malaysia was represented by Information Security Certification Body (ISCB), Head of Department Wan Shafiuuddin Wan Zainuddin and Hasnida Zainuddin, Senior Analyst

6 - 10 September 2015

**ANNUAL GENERAL MEETING AND
CONFERENCE OF THE ORGANISATION
OF ISLAMIC COOPERATION –
COMPUTER EMERGENCY RESPONSE
TEAM (OIC-CERT) AND THE ASIA
PACIFIC COMPUTER EMERGENCY
RESPONSE TEAM (APCERT), KUALA
LUMPUR (6-10 SEPTEMBER 2015)
BLUESPACE IT SECURITY 2014
CONFERENCE**

From 6 to 10 September 2015, there was an Annual General Meeting and Conference of the Computer Emergency Response Team - Organization of Islamic Countries (OIC-CERT) and the Computer Emergency Response Team Asia Pacific (APCERT) in Kuala Lumpur.

The main program of the Annual General Meeting and Conference 2015 OIC-CERT and APCERT that lasted for 5 days includes the Steering Committee Meeting, Desktop Technical Workshop and Exercise, the Annual General Meeting; and the Annual Conference of the OIC-CERT and APCERT.

This is the first annual Conference of OIC-CERT and APCERT that was jointly organized with Cyber Security Malaysia - Awards, Conference and Exhibition (CSM-ACE) 2015, which is the annual event by CyberSecurity Malaysia. The opening ceremony was officiated by YB. Datuk Seri Panglima Madius Tangau, Minister of Science, Technology and Innovation on 10 September 2015.

8 September 2015

**FINALE OF THE NATIONAL ICT
SECURITY DISCOURSE – CYBERSAFE
CHALLENGE TROPHY (NICTSeD)
2015, KUALA LUMPUR (8 SEPTEMBER
2015) SEMINAR: "SECURED ONLINE
BUSINESS"**

On 8 September 2015 there was the finale of the National ICT Security Discourse: CyberSAFE Challenge Trophy 2015. The final competition witnessed two schools, namely SMK Iskandar Shah, Jasin, Melaka and SMK Sultan Ismail, Johor Bahru, Johor compete to win the CyberSAFE Challenge Trophy 2015.

NICTSED 2015 is a competition in the form of discussion and presentation of proposals (discourse) aimed at promoting awareness and encouraging creative and critical thinking among secondary school students and teachers on current issues related to ICT, cyber security and Internet usage positively.

NICTSED is organized by CyberSecurity Malaysia in collaboration with the Educational Technology Division (ETD) and supported by the Ministry of Education (MOE) and the Ministry of Science, Technology and Innovation (MOSTI).



Local and International Visits Received

CyberSecurity Malaysia also receives dignitaries, international visitors, students/researches and representatives from various organisations at our premises as part of our customer service and branding activities, as well as to form an understanding between the visiting parties and CyberSecurity Malaysia. Guests are briefed about our roles and services. Below is the list of guests received in 2015:

Local

| Date | Name of Visiting Organisations |
|-------------------|--|
| 22 January 2015 | Persatuan Pandu Puteri Malaysia Cawangan Wilayah Putrajaya |
| 22 January 2015 | Telekom Malaysia Berhad (TMB) |
| 28 January 2015 | Politeknik Balik Pulau, Pulau Pinang |
| 17 February 2015 | Lawatan Rasmی dan Majlis Pelancaran Makmak Cyber Forensics X-Laboratory oleh YBhg. Tan Sri Dato' Sri Dr. Noorul Ainur Mohd Nur, Ketua Setiausaha, Kementerian Sains, Teknologi dan Inovasi (MOSTI) |
| 25 February 2015 | Pusat Latihan Kor Polis Tentera DiRaja Malaysia (PULAPOT) |
| 25 February 2015 | Institut Latihan Kehakiman dan Perundungan (ILKAP) |
| 5 March 2015 | Maktab Polis Di Raja Malaysia (PDRM) Kuala Kubu Bahru |
| 9 March 2015 | Pusat Latihan Peperangan Elektronik Angkatan Tentera Malaysia (ATM) |
| 16 March 2015 | Maktab Polis Di Raja Malaysia (PDRM), Cheras |
| 6 April 2015 | Suruhanjaya Syarikat Malaysia (SSM) |
| 12 April 2015 | Universiti Tun Hussein Onn Malaysia (UTHM) Batu Pahat, Johor |
| 13 April 2015 | Universiti Teknologi MARA (UiTM) Jasin, Melaka |
| 16 April 2015 | Kementerian Kesihatan Malaysia (KKM) |
| 24 April 2015 | International Islamic University Malaysia (UIAM) |
| 14 May 2015 | Akademi Kastam DiRaja Malaysia (AKMAL), Melaka |
| 3 August 2015 | Markas Angkatan Tentera Malaysia (Sungai Buloh) |
| 18 September 2015 | Tenaga Nasional Berhad (TNB) |
| 29 September 2015 | Institut Kehakiman dan Perundungan (ILKAP) |
| 12 October 2015 | Politeknik Sultan Azlan Shah |
| 22 October 2015 | Lawatan Turun Padang YBhg. Tan Sri Dato' Sri Dr. Noorul Ainur Mohd Nur, Ketua Setiausaha, Kementerian Sains, Teknologi dan Inovasi (MOSTI) |
| 28 October 2015 | NAM Institute for the Empowerment Women (NIEW) |

International

| Date | Visitor's employee |
|------------------|---|
| 20 January 2015 | LAC Co. LTD Japan |
| 25 November 2015 | Technical and Vocational Training Corporation (TVTC) Saudi Arabia |
| 9 December 2015 | Technical and Vocational Training Corporation (TVTC) Saudi Arabia |

Personnel Who Obtained Professional Certification

Below is the list of CyberSecurity Malaysia's employees who obtained professional certifications in 2015. The list is arranged in chronological order (by month).

| No | Name | Department | Certification | Date/Month |
|----|---------------------------------|--------------------|---|---------------|
| 1 | Syed Muhammad Fadhil Syed Aluwi | MyCERT | GIAC CERTIFIED INCIDENT HANDLER (GCIH) | February 2015 |
| 2 | Kamarul Baharin Khalid | Security Assurance | EC-COUNCIL CERTIFIED SECURITY ANALYST (ECSA) | February 2015 |
| 3 | Ahmad Dahari Jarno | Security Assurance | EC-COUNCIL CERTIFIED SECURITY ANALYST (ECSA) | February 2015 |
| 4 | Nor Safwan Amirul Salleh | Security Assurance | EC-COUNCIL CERTIFIED SECURITY ANALYST (ECSA) | February 2015 |
| 5 | Noor Asyikin Zulkifli | Security Assurance | EC-COUNCIL CERTIFIED SECURITY ANALYST (ECSA) | February 2015 |
| 6 | Wira Zanoramy Ansiry Zakaria | MyCERT | GIAC CERTIFIED INCIDENT HANDLER (GCIH) | March 2015 |
| 7 | Ahmad Aizuddin Aizat Tajul Arif | MyCERT | GIAC CERTIFIED INCIDENT HANDLER (GCIH) | March 2015 |
| 8 | Mohd Sharizuan bin Mohd Omar | Digital Forensics | XRY CERTIFIED | April 2015 |
| 9 | Nur Edlina Haida Ramli | Digital Forensics | XRY CERTIFIED | April 2015 |
| 10 | Nur Aishah Mohamad | Digital Forensics | XRY CERTIFIED | April 2015 |
| 11 | Muhammad Anis Farhan | IBD | XRY CERTIFIED | April 2015 |
| 12 | Nur Haslaily binti Mohd Nasir | CIA | ISO27001:2013 ISMS LEAD AUDITOR TRAINING | May 2015 |
| 13 | Rizawati Munsarikh | IBD | ASSOCIATE BUSINESS CONTINUITY PROFESSIONAL (ABCP) | July 2015 |
| 14 | Nur Nadira Mohamad Jafar | Procurement | CERTIFIED SUPPLY CHAIN PRACTITIONER | July 2015 |
| 15 | Razman Hakim Abdul Rahman | Security Assurance | INFORISK360 INFORMATION SECURITY SPECIALIST | October 2015 |
| 16 | Noor Azwa Azreen Abd Aziz | SRA | CompTIA SECURITY+ CERTIFIED | November 2015 |
| 17 | Mohammad Zailani bin Shato | STS | CERTIFIED NETWORK ENGINEER IPv6 (CNE6) | December 2015 |
| 18 | Farah Harnum binti Gulam Haidir | Finance | NEURO LINGUISTIC PROGRAMMING (NLP) CERTIFIED | December 2015 |
| 19 | Faridatul Hanim Abdul Hamid | HCD | NEURO LINGUISTIC PROGRAMMING (NLP) CERTIFIED | December 2015 |
| 20 | Norhzaimi bin Mohamed | GE | CERTIFIED IP ASSOCIATE (CIPA) | October 2015 |



Published Technical Papers and Journals

Below is the list of technical papers and journals authored or co-authored by employees of CyberSecurity Malaysia. In this list, only the names of CyberSecurity Malaysia's employees are mentioned as authors. Please refer to the actual publication for complete list of authors.

| No | Title | Author/s | Date/ Volume | Journal | Publication | Country | Page |
|-----|--|--|-----------------------------|--|--|----------------|-----------|
| 1 | A Qualitative Analysis For Evaluating A Cyber Terrorism Framework in Malaysia | Dr. Zahri Hj. Yunos | Jan 2015 | Information Security Journal : A Global Perspective | Taylor and Francis | United Kingdom | 6-11 |
| 2 | Framework of Analysis Technique for Abnormal Behavior in Mobile Application | Naqliyah Zainuddin | Jan-15 | Recent Advances in Electrical Engineering and Electronic Devices | World Scientific and Engineering Academy and Society | USA | 209 - 216 |
| 3 | Harmonising ISO/IEC 27001 and ISO.IEC 17025 Implementation in the Digital Forensics Department, CyberSecurity Malaysia: A Case Study | Sarah Khadijah Taylor and Mohd Zabri Adil Talib | December 2014/ January 2015 | Forensic Asia [Issue 6] | Asian Forensic Science Network | Korea | |
| 4 | Randomness Analysis on Speck Family of Lightweight Block Cipher | Liyana Chew Nizam Chew; Isma Norshahila Mohammad Shah; Nik Azura Nik Abdullah; Norul Hidayah Ahmad Zawawi; Hazlin Abdul Rani & Abdul Alif Zakaria | Jan-15 | International Journal of Cryptology Research No 5 Issue 1 | Malaysian Society for Cryptology Research | Malaysia | 44 - 60 |
| 5 | Analysis of Steganography Substitution System Methods Using New Testing Techniques Proposed for Strict Avalanche Criterion | Abdul Alif Zakaria; Nor Azeala Mohd Yusof; Wan Zariman Omar; Nik Azura Nik Abdullah and Hazlin Abdul Rani | Jan 2015 | International Journal of Cryptology Research No 5 Issue 1 | Malaysian Society for Cryptology Research | Malaysia | 61 - 76 |
| 6 | Non Intrusive SSL/TLS Proxy with JSON Based Policy | Suhairi Mohd Jawi | Feb-15 | Lecture Notes in Electrical Engineering Volume 338 | Springer | Germany | 431 - 438 |
| 7 | Developing the Security Zone for Wireless Body Area Network (WBAN) Implementation Using Practical Security Assessment (PSA) | Abdul Fuad Abdul Rahman and Madihah Zulfa Mohammad | Jun-15 | Journal of Advances in Computer Networks [Volume 3 No. 2] | International Association of Computer Science & Information Technology | Singapore | 119 - 123 |
| 8 | Cyber-terrorism Framework | Dr. Zahri Yunos | 2015 | Cyber Terrorism: Policy and Technical Perspective [Chapter 2] | University Press, Universiti Teknikal Malaysia | Malaysia | |
| 9 | Terrorist Use of the Internet | Ooi Seong Hoe and Syahrir Mat Ali | 2015 | Cyber Terrorism: Policy and Technical Perspective [Chapter 3] | University Press, Universiti Teknikal Malaysia | Malaysia | 29 - 60 |
| 10. | Challenges and Efforts in Combating Cyber Terrorism | Lt. Col. Sazali Sukardi [Retired] | 2015 | Cyber Terrorism: Policy and Technical Perspective [Chapter 6] | University Press, Universiti Teknikal Malaysia | Malaysia | 97 - 108 |

| | | | | | | | |
|----|---|---|--------|--|---|-------------|-----------|
| 11 | Securing Classified Information : A Six-Step Approach to Data Classification | Siti Hazwah Abd Karim; Dr. Zahri Hj. Yunos; Mohd Shamir Hashim; Rahayu Azlina Ahmad | Jul-15 | "International Journal of Computer Science and Information Technologies (IJCSIT) | University Press, Universiti Teknikal Malaysia | Malaysia | 97 - 108 |
| 12 | Hybrid Approach for Assessing Security Vulnerability and Increasing the Resiliency of Industrial Control System (ICS) | Ruhama Mohamed Zin | Jul-15 | "International Journal of Computer and Information Technology | University Press, Universiti Teknikal Malaysia | Malaysia | 97 - 108 |
| 13 | A Change Impact Analysis Tool: Integration Between Static and Dynamic Analysis Technique | Wan Shafiuuddin bin Zainuddin | Sep-15 | Intelligent Software Methodologies, Tools and Techniques [Proceeding of the 14th International Conference SoMET in Naples, Italy on September 15 – 17, 2015] | Springer | Switzerland | 413 - 424 |
| 14 | Application of Case Based Reasoning in IT Security Incident Response | Wira Zanoramy | Sep-15 | Proceeding of the 3rd International Conference on Recent Trends in Engineering & Technology in Istanbul, Turkey on September 2 – 3, 2015 | South Valley University | Egypt | 106 109 |
| 15 | Utilizing Past Experiences of Incident Handlers For Realizing A CBR Recommender in IT Security Incident Response | Wira Zanoramy A. Zakaria; Kilausuria Abdullah and Faiszatulnasro Mohd Maksom | Oct-15 | Proceeding of the 3rd International Conference on Artificial Intelligence and Computer Science 12 – 13 October 2015 in Penang | Kolej Universiti Islam Antarabangsa Selangor [KUIS] | Malaysia | 189 - 194 |
| 16 | The Comparative Study Of Randomness Analysis Between Modified Version of LBlock Block Cipher And Its Original Design | Nik Azura Nik Abdullah; Liyana Chew Nizam Chew; Abdul Alif Zakaria | Nov-15 | "International Journal of Computer and Information Technology | Springer | Switzerland | 413 - 424 |
| 17 | Developing a Cyber Security Awareness Master Plan in Malaysia: Focus Group Discussion Approach | Dr. Zahri Yunos; Ramona Susanty Ab Hamid and Lt. Col. Mustaffa Ahmad (Retired) | Nov-15 | Proceedings of the 2015 International Conference on Social Sciences and Information November 29 – 30, Tokyo, Japan | Singapore Management & Sports Science Institute | Singapore | 164 - 168 |
| 18 | Non-Intrusive SSL/TLS Proxy Using JSON Data | Suhairi Mohd Jawi | Dec-15 | Proceedings for IEEE Student Conference on Research and Development 2015 by IEEE Malaysia Section | UiTM | Malaysia | TBD |



List of Presentations At International Level

| No | Date | Organizer | Location | Event / Conference | Presentation Topic / Subject Matter | Speaker |
|----|---------------------|---|------------------------------------|---|--|-----------------------------------|
| 1 | 3 - 5 February 2015 | APCERT | Fukuoka, Japan | Asia Pacific Computer Emergency Response Team(APCERT) Steering Committee Meeting 2015/ APCERT Day | Coordinate Malware, Eradication & Remediation Project (CMERP)- The Way Forward | Dr. Aswami Fadillah Mohd Ariffin |
| 2 | 11 February 2015 | Zenith Bizness Excellence | Kuala Lumpur | REGIONAL "EFFECTIVE DISASTER MANAGEMENT 10TH-12TH FEBRUARY 2015" CONFERENCE | "Eating the elephant in the room: Integrating Cyber Security & Business Continuity for Business Resilience" | Sabariah Ahmad |
| 3 | 20 February 2015 | Integrating Cyber Security & Business Continuity for Business Resilience" | Kathmandu, Nepal | CISCO International Conference on Cyber Security and Cyber Law 2015 | Need of Well Defined Incident Handling Process | Faiszatulnasro Mohd Makosm |
| 4 | 2 - 5 March 2015 | APCERT & OIC-CERT | Fukuoka, Japan | APCERT & OIC-CERT Event | CME Project | Dr. Aswami Fadillah Mohd Ariffin |
| 5 | 4 - 5 March 2015 | SHHB Institute of Defence and Strategic Studies, Ministry of Defence, Brunei Darussalam | Rizqun International Hotel, Brunei | 7th East Asia Security Outlook Seminar 2015 | Challenges and Responses in Cyber Security | Lt. Col. Sazali Sukardi (Retired) |
| 6 | 9 - 11 March 2015 | marcus evans | Hilton Hotel, Singapore | Cyber Resilience in Financial Institutions | i) Speaking Slot : Preventing Data Leakage ii) Panelist : Regulatory Changes in the Region and Organisational Reactions to The | Carrine Teoh Chooi Shi |
| 7 | 17 March 2015 | Knowledge Group of Companies | Grand Millennium Hotel, KL | 7th Annual Bank Tech Asia 2015 | Addressing Cyber Threats in the Banking Sector | Sazali Sukardi |
| 8 | 20 April 2015 | BIT | Shenzen, China | Info-Tech 2015 Conference | Cryptography Key Management: Issues & Challenges | Dr. Solahuddin Shamsuddin |
| 9 | 26 - 28 April 2015 | Dubai World Trade Centre | Dubai World Trade Centre | Gulf Information Security Expo & Conference (GISEC) 2015 | Evolving Cyber Threats and Cyber Security Concern for Industry | Dr Amirudin Abdul Wahab |
| 10 | 21 - 24 April 2015 | Intelligence-Sec Limited | Manila, Philippines | Cyber Intelligence Asia, Manila, The Philippines | "Understanding the Element of Cyber Terrorism" | Dr. Zahri Yunos |
| 11 | 12 May 2015 | WB Research | Suntec City, Singapore | Building Critical Information Systems for Safe Cities | i) Speaking Slot : Defending a Networked Nation ii) Panelist : How can you secure your City's Critical Information Systems Against Cyber Attacks? | Carrine Teoh Chooi Shi |
| 12 | 13 - 14 May 2015 | WB Research | Suntec City, Singapore | Safe Cities Asia | i) Speaking Slot : Case Study : Digital Safe Malaysia ii) Panelist : What are the Opportunities for Growth and the Challenges that Still need to be overcome in Malaysia? | Carrine Teoh Chooi Shi |

| | | | | | | |
|----|----------------------|--|--|---|---|---------------------------------------|
| 13 | 26 May 2015 | APWG.EU (Anti-Phishing Working Group European Union Foundation) | Barcelona, Sepanyol | Symposium on Electronic Crime Research (eCrime) 2014 | Lottery Scam and Mobile Threats in Malaysia | Faiszatulnasro Mohd Maksom |
| 14 | 4 Jun 2015 | SEARCCT | Berjaya Time Square Hotel, Kuala Lumpur | Seminar on the Dynamics of Youth and Terrorism | Illicit Use of Internet for Terrorist Activities | Lt. Col. Sazali Bin Sukardi (Retired) |
| 15 | 18 Jun 2015 | FIRST, USA | Berlin | FIRST Conference | Unifying Incident Response Teams via Multi-lateral CyberExercise for Mitigating Cross Border Incidents: Malaysia CERT Case Study | Sharifah Roziah Mohd Kassim |
| 16 | 19 Jun 2015 | Internet Architecture Board (IAB), USA | Berlin | Workshop on Coordinating Attack Response in Internet Scale (CARIS) | MyCERT's Data Exchange/Attack Type Mitigation | Sharifah Roziah Mohd Kassim |
| 17 | 20 Jun 2015 | CERT/CC, USA | Berlin | NatCSIRT Meeting | 1) Talk - Coordinated Malware Eradication in Malaysia 2) Panelist in Panel Discussion on Maintaining a Cybersecurity Attitude in a Government Culture | Sharifah Roziah Mohd Kassim |
| 18 | 29 - 30 July 2015 | Ministry of Foreign Affairs, China and National Security Council, Malaysia | Beijing, China | ASEAN Regional Forum Workshop on Cyber Security Capacity Building | "Role of Governmental & Non-governmental Actors on Capacity Building" | Dr. Zahri Yunos |
| 19 | 29 - 30 July 2015 | IQPC Worldwide Pte Ltd | Marriot Hotel, Putrajaya | 5th Annual Cyber Security for Government Summit | 1- Safeguarding your critical government infrastructure against modern APTs 2- Roundtable: APT Detection | Lt. Col. Sazali Bin Sukardi (Retired) |
| 20 | 27 August 2015 | Maktab Pertahanan Angkatan Tentera(MPAT) | MPAT | Syarahan Peperangan Siber | The Cyber Warfare | Lt. Col. Sazali Bin Sukardi (Retired) |
| 21 | 26 - 27 August 2015 | Transcavatives | Grand Copthorne Waterfront Hotel, Singapore | Global Payment Summit 2015 | Fighting Cybercrime | Carrine Teoh Chooi Shi |
| 22 | 2 - 3 September 2015 | International Institute of Engineers (IIIE) | Holiday Inn Istanbul City, Istanbul, Turkey | 3rd International Conference Recent trends in Engineering and Technology (ICRET'2015) | "Application of Case Based Reasoning in IT Security Incident Response". | Wira Zanoramy Ansiry bin Zakaria |
| 23 | 28 - 29 August 2015 | Malaysia Crime Prevention Foundation | Dewan Kompleks Cahaya, Universiti Sains Malaysia | 4th International Industrial Security Seminar | Illicit Use of Internet for Terrorist and Criminal Activities | Lt. Col. Sazali Bin Sukardi (Retired) |
| 24 | 27 October 2015 | Malaysian Institute of Accountant | Kuala Lumpur Convention Centre, KL | MIA International Accountants Conference 2015 | Managing the Evolution of Threats in the Cyber Age | Lt. Col. Sazali Bin Sukardi (Retired) |
| 25 | 28 October 2015 | ATSB | Intercontinental Kuala Lumpur | Technology & Applications for Disaster Management International Conference 2015 | Disaster Management: CyberSecurity Malaysia's Perspective | Tajul Josalmin Tajul Ariffin |



| | | | | | | |
|----|---------------------|--|---|---|--|---------------------------------------|
| 26 | 3 - 7 November 2015 | Center for Cyberspace Studies, Nasarawa State University Keffi, Nigeria | Abuja, Nigeria | CYBERABUJA 2015 | The Art of Terrorism in the Cyberspace | Dr. Zahri Yunos |
| 27 | 11 November 2015 | International Information System Security Certification Consortium | Hilton Hotel, KL | C's Security Conference | National Crisis: Cyber Warfare | Lt. Col. Sazali Bin Sukardi (Retired) |
| 28 | 2 December 2015 | Royal Malaysian Navy | Intercontinental Hotel, KL | 12th Annual Global MDA: Maritime Security & Coastal Surveillance | Cyber Security Challenges in Defence and Maritime Security | Lt. Col. Sazali Bin Sukardi (Retired) |
| 29 | 3 December 2015 | UUM | Malaysian Communications & Multimedia Commission, Cyberjaya | The 2015 Fourth International Conference on Internet Applications, Protocols and Services (NETAPPS2015) | Staying Ahead of Evolving Cyber Threats | Dr. Solahuddin Shamsuddin |



List of Presentations at National Level

| No | Date | Organizer | Location | Event / Conference | Presentation Topic / Subject Matter | Speaker |
|----|--------------------|---|---|---|--|---------------------------------------|
| 1 | 10 February 2015 | OpenSys (M) Bhd | Aloft Hotel, KL | OpenSystem Seminar | Evolving Cyber Threats on Banking and Financial Sector | Lt. Col. Sazali Bin Sukardi (Retired) |
| 2 | 11 February 2015 | CSM - Southeast Asia Regional Centre for Counter-Terrorism (SEARCCT) | Theatrette, Level 7, Sapura@Mines | Cyber Security: Protection of Critical Sectors Workshop | Cyber Security Landscape | Ooi Seong Hoe |
| 3 | 25 February 2015 | "Pusat Latihan Keselamatan Perlindungan | Kathmandu, Nepal | CISCO International Conference on Cyber Security and Cyber Law 2015 | Need of Well Defined Incident Handling Process | Faiszatulnasro Mohd Makosm |
| 4 | 24 March 2015 | ComputerWorld Malaysia | Intercontinental Hotel, Kuala Lumpur | Computerworld Malaysia: Security Summit 2015 | Combating The Emerging Cyber Threats – Are We Winning? | Dr. Amirudin Abdul Wahab |
| 5 | 25 - 26 March 2015 | Southeast Asia Regional Centre for Counter-Terrorism (SEARCCT), Ministry of Foreign Affairs | Kuala Lumpur | ASEAN Regional Forum Workshop on Counter Radicalization | "Internet Radicalization & Cyber Terrorism" | Dr. Zahri Yunos |
| 6 | 2 April 2015 | MKN WPKL | Biro Tatanegara, Jalan Bellamy KL | Taklimat Eksekutif Ancaman Keselamatan Negara | Peranan Cybersecurity Serta Kesedaran Tentang Jenayah Siber | Faiszatulnasro Mohd Makosm |
| 7 | 8 April 2015 | Pejabat Ketua Pegawai Keselamatan Kerajaan | Akademi Imigresen Malaysia, Port Dikcson | Kursus Pengurusan Pegawai Gred 41-44 | Ancaman Keselamatan dari perspektif ICT | Lt. Col. Sazali Bin Sukardi (Retired) |
| 8 | 8 April 2015 | Pejabat Pembangunan Persekutuan Negeri Selangor | Shah Alam | Seminar ICT | Cyber Security Trends and Best Practices | Sharifah Roziah Mohd Kassim |
| 9 | 16 April 2015 | Pejabat Pembangunan Persekutuan Negeri Selangor | Shah Alam | Seminar ICT | Cyber Security Trends and Best Practices | Sharifah Roziah Mohd Kassim |
| 10 | 8 May 2015 | CyberSecurity Malaysia | Aloft Hotel, Kuala Lumpur | Cyber Security Day | 2015 Cyber Security Trends and Threats | Lt. Col. Sazali Bin Sukardi (Retired) |
| 11 | 12 May 2015 | "Gerakan saraf dan Pengurusan Isu, Jabatan Penerangan | Dewan Serbaguna Aras B1, Kompleks KKMM, Putrajaya | Taklimat Isu Semasa Bil 2/2015 | Pengumpulan Maklumat Menjejak Pesalah Siber | Mohd Rizal bin Abu Bakar |
| 12 | 14 May 2015 | Rejimen Perhubungan Strategik | Kem Paya Jaras, SUNGAI BULOH, SELANGOR | SEMINAR ICT SECURITY SIRI 1/2015 | Latest Vulnerabilities & Cyber Threat | Faiszatulnasro Mohd Makosm |
| 13 | 26 May 2015 | Malaysian Institute of Defence & Security | Kuala Lumpur | Seminar on Cyber Security and Live Simulation | "Live Simulation of Post Cyber Attack" | Dr. Zahri Yunos |
| 14 | 26 May 2015 | Perbadanan Malaysia | MoF Putrajaya | Taklimat ISMS ISO/IEC 27001:2013 | ISO/IEC 27001:2013 Information Security Management System – What Are The Changes | Sabariah Ahmad |



| No | Date | Organizer | Location | Event / Conference | Presentation Topic / Subject Matter | Speaker |
|----|------------------|--|--|--|--|---------------------------------------|
| 15 | 29 Jun 2015 | Pusat Teknologi dan Pengurusan Lanjutan (PTPL) | Seremban, Negeri Sembilan | ceramah kesedaran keselamatan siber | latest cyber threats and do - don't | Faiszatulnasro Mohd Maksom |
| 16 | 11 July 2015 | Institut Penyelidikan Pembangunan Belia Malaysia | Putra Belia Antarabangsa, Cheras | Dialog Intelektual Belia "Belia dan Pengaruh Media Sosial" | Belia dan Pengaruh Media Sosial dari Perspektif Keselamatan Siber | Lt. Col. Sazali Bin Sukardi (Retired) |
| 17 | 30 July 2015 | Lembaga Peperiksaan, Kementerian Pendidikan Malaysia | Hotel Sri Petaling, Bandar Baru Sri Petaling | "Mesyuarat Pengurusan Peperiksaan | Need of Well Defined Incident Handling Process | Faiszatulnasro Mohd Maksom |
| 18 | 6 August 2015 | CSM | KL | Cyber Security Day | Current Security Threats | Sharifah Roziah Mohd Kassim |
| 19 | 25 August 2015 | SEARCCT | Pejabat Suruhanjaya Pelabuhan Pulau Pinang, Georgetown, Pulau Pinang | Enhancing Port Security Against Terrorism Course | Cyber Terrorism : Current Trend and Its Challenges to Maritime and Port Security | Lt. Col. Sazali Bin Sukardi (Retired) |
| 20 | 6 September 2015 | MOF | Putrajaya | National ICT Seminar - MyGOV Tech 2015 | Current Security Threats in Malaysia | Sharifah Roziah Mohd Kassim |
| 21 | 20 October 2015 | Malaysias Association of Standards Users | The Club@Bukit Utama, Persiaran Surian, Bandar Utama, PJ | Workshop on Online B2C "Withstanding Challenges & Building Confidence" | E-Commerce and Online Security - where are we on consumer protection? | Hasnida Zainuddin |
| 22 | 4 October 2015 | Lembaga Kemajuan Ikan Malaysia | Gold Coast Resort, Morib | Bengkel Memperkasa Teknologi Baru Dalam Menyumbang Kepada Pembangunan Kejuruteraan Perikanan | Current Cyber Security Issues and Challenges | Lt. Col. Sazali Bin Sukardi (Retired) |
| 23 | 7 October 2015 | Politeknik Muadzam Shah, Pahang | Politeknik Muadzam Shah, Pahang | Seminar Kesedaran Siber | Current Cyber Security Landscape | Lt. Col. Sazali Bin Sukardi (Retired) |
| 24 | 31 October 2015 | Jabatan Kesihatan Negeri Perak | Heritage Hotel, Cameron Highland | Kursus Kuasa Sukses Untuk Pemimpin : Kerah Kecemerlangan Prestasi Bagi Pegawai Tadbir Dan Diplomatik (PTD) & Penolong Pegawai Tadbir (PPT) | Current Trend and Cyber Security Challenges | Lt. Col. Sazali Bin Sukardi (Retired) |
| 25 | 30 November 2015 | Angkatan Tentera Malaysia - ATM | Wisma Perwira, ATM, Jalan Semerak, KL | Working Group, MALAYSIA-UNITED STATESOF AMERICA COMMAND AND CONTROL INTEROPERABILITY BOARD | Introduction to MyCERT: Current Security Trends | Sharifah Roziah Mohd Kassim |
| 26 | 6 November 2015 | Angkatan Koperasi Kebangsaan Malaysia Berhad | Hotel Katerina, Batu Pahat, Joho | Konvensyen ICT-COOP & Inovasi Koperasi 2015 | Kepentingan Keselamatan Siber | Dr. Amirudin Abdul Wahab |
| 27 | 11 November 2015 | (ISC)2 | Hilton, Kuala Lumpur | International Information System Security Certification Consortium | STAYING AHEAD OF EVOLVING CYBER THREATS | Dr. Solahuddin Shamsuddin |

| | | | | | | |
|----|------------------|--|---|---|---|----------------------------------|
| 28 | 18 November 2015 | FireEye | Le Meridian Hotel, Kuala Lumpur | "Asia Hacked: Are You?" | Coordinated Malware Eradication & Remediation Project (CMERP) – CyberDEF System & Service | Dr. Aswami Fadillah Mohd Ariffin |
| 29 | 29 November 2015 | UCTS | University College of Technology Sarawak | Sarawak IT Security Seminar 2015 | STAYING AHEAD OF EVOLVING CYBER THREATS | Dr. Solahuddin Shamsuddin |
| 30 | 1 December 2015 | Institut Pengurusan & Integriti Melaka (INSPIM) | Equitorial Hotel, Melaka | Ceramah | Keselamatan Siber dalam Menangani Ketirisan Maklumat | Sabariah Ahmad |
| 31 | 2 December 2015 | Institut Tadbiran Awam Negara (INTAN) Kampus Kota Samarahan | INTAN Auditorium, Kota Samarahan, Sarawak | Technology Update Seminar | MH370-Cyber Crisis Management | Mohd Rizal Abu Bakar |
| 32 | 14 December 2015 | IEEE Malaysia Section and IEEE Asia Pasific University of Technology Innovation Student Branch | Berjaya Hotel | 2015 IEEE Student Conference on Research and Development (SCOReD) | Non-intrusive SSL/TLS Proxy Using JSON Data - Implementation and Issues | Suhairi Mohd Jawi |



Editorial Committee

Advisor:

Dr. Zahri Bin Hj. Yunos
Chief Operating Officer

Reviewer:

Lt. Col. Mustaffa bin Ahmad (Retired)
VP, Outreach and Capability Building Division

Mohd. Shamil Mohd Yusoff
Head, Outreach and Corporate Communications

Editor:

Sandra Isnaji
Manager, Outreach and Corporate Communications

Layout artists & graphic designers:

Zaihasrul Ariffin
Senior Analyst, Secure Technology Services Department

Nurul 'Ain Zakariah
Executive, Secure Technology Services Department

Content Contributors:

Abd. Rouf Mohammed Sayuti
Head, Internal Audit Department

Azlin Samsudin
Senior Executive, Legal and Secretarial Department

Ernieza Ismail
Senior Executive, Strategy Management Department

Azrina Md. Saad
Senior Executive, Finance Department

Nur Nadira Mohamad Jafar
Executive, Procurement and Logistics Department

Photographer:

Zul Akmal Manan
Executive, Outreach and Corporate Communications



Contact Information

EMAILS:

- | | | |
|------------------------------------|---|---------------------------|
| To report cyber security incidents | : | cyber999@cybersecurity.my |
| General enquiry | : | info@cybersecurity.my |
| Training enquiry | : | training@cybersecurity.my |
| Media Inquiry | : | media@cybersecurity.my |

ADDRESS:

- | | | |
|------------------|---|--|
| Corporate Office | : | CyberSecurity Malaysia, Level 5, Sapura@Mines, No. 7 Jalan Tasik, The Mines Resort City, 43300 Seri Kembangan, Selangor Darul Ehsan, Malaysia. |
|------------------|---|--|

GPS Coordinate: 3.03648, 101.709386
Phone: +603 - 8992 6888
Fax: +603 - 8992 6841

- | | | |
|---|---|--|
| CyberSecurity Malaysia - Northern Regional Office Product Development and Marketing Department | : | Level 19, Perak Techno-Trade Centre, Bandar Meru Raya, Off Jalan Jelapang, 30020 Ipoh, Perak Darul Ridzuan, Malaysia. |
|---|---|--|

GPS Coordinate: 4.665146, 101.074746
Phone: +605 - 528 2088
Fax: +605 - 528 1905



Corporate Office:

CyberSecurity Malaysia

Level 5, Sapura@Mines
No. 7, Jalan Tasik, The Mines Resort City
43300 Seri Kembangan
Selangor Darul Ehsan
Malaysia

Tel: +603 8992 6888

Fax: +603 8992 6841

Email: info@cybersecurity.my

Customer Service Hotline: 1300 88 2999

www.cybersecurity.my

