IMPACT

INTERNATIONAL MULTILATERAL PARTNERSHIP AGAINST CYBER THREATS
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GLOSSARY
Based in Cyberjaya, Malaysia, IMPACT is the operational home of ITU’s Global Cybersecurity Agenda (GCA). As ITU’s cybersecurity executing arm, IMPACT provides ITU’s 193 Member States access to expertise, facilities and resources to effectively address cyber threats.

On 20 May 2011, during the World Summit of the Information Society (WSIS) in Geneva, a landmark agreement was signed between the International Telecommunication Union (ITU) and the International Multilateral Partnership Against Cyber Threats (IMPACT).

IMPACT officially became the cybersecurity executing arm of the United Nations’ (UN) specialised agency - ITU. As the world’s first comprehensive alliance against cyber threats, IMPACT brings together governments, academia and industry experts to enhance the global community’s capabilities in dealing with cyber threats.

In addition to this, during the 2011 WSIS Forum, a Memorandum of Understanding (MoU) was signed between ITU and the United Nations Office on Drugs and Crime (UNODC) which will see IMPACT playing a pivotal role in supporting both organisations in their collaboration to assist UN member states mitigate risks posed by cybercrime. IMPACT’s Global Response Centre (GRC) acts as the foremost cyber threat resource centre for the global community and provides emergency responses to facilitate identification of cyber threats and sharing of resources to assist ITU-UNODC Member States.
The MoU will enable both organisations to work together in making available the necessary expertise and resources to establish legal measures and legislative frameworks at national level for the benefit of all interested countries. **ITU and UNODC will collaborate to make available to the UNODC constituencies (enforcement officials, judges, prosecutors and related bodies) prevention and response tools and capabilities provided through IMPACT.** IMPACT’s Global Response Centre (GRC) acts as the foremost cyberthreat resource centre for the global community and provides emergency response service and coordination to facilitate identification of cyber threats and sharing of resources to assist ITU-UNODC Member States.

In operationalising the GCA, ITU-IMPACT invited its 193 Member States to join the coalition in order to receive cybersecurity services. The growth of countries joining the ITU-IMPACT coalition has been encouraging and positive since 2008. Up until September 2011, the number of countries that have joined the coalition has reached 137 representing all the six continents.
Geographical spread of ITU-IMPACT
137 Partner Countries

NORTH AMERICA
Antigua and Barbuda
Barbados
Belize
Costa Rica
Cuba
Dominican Republic
Grenada
Guatemala
Haiti
Honduras
Panama
Saint Kitts and Nevis
St. Lucia
Saint Vincent and the Grenadines
Trinidad and Tobago

SOUTH AMERICA
Brazil
Ecuador
Guyana
Paraguay
Peru
Suriname
Uruguay
Venezuela
The Global Cybersecurity Agenda (GCA) is an ITU framework for international cooperation aimed at proposing and implementing strategies for solutions to enhance confidence and security in the information society.

The GCA intends to build on existing national and regional initiatives to avoid the duplication of work and encourage and foster collaboration amongst all relevant partners.

As the physical and operational home of the GCA, IMPACT has operationalised the GCA through its four strategic pillars.
**IMPACT operationalising the ITU’s GCA**

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<th>ITU’s GCA Five Strategic Thrust</th>
<th>IMPACT’s Four Pillars</th>
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<td>Enhancing public-private partnerships to improve knowledge, expertise, skills, resources &amp; experience</td>
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<td>Technical and Procedural Measure</td>
<td>Global Response Centre</td>
<td>Enhancing international cooperation:</td>
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<tr>
<td></td>
<td></td>
<td>- To mitigate cyber threats between nations</td>
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<td></td>
<td>- Regulators, law enforcement and national Computer Incident Response Team (CIRT)</td>
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<td>Organisational Structure</td>
<td>Centre for Security Assurance and Research</td>
<td>Developing national CIRTs</td>
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<td>Capacity Building</td>
<td>Centre for Training and Skills Development</td>
<td>Providing world class capacity and capability building programmes</td>
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</tbody>
</table>
Centre for Policy and International Cooperation

IMPACT, through its Centre for Policy and International Cooperation, creates a platform for various stakeholders to come together and collaborate to share knowledge, expertise and resources and technology for the benefit of its partner countries. Through the Centre, IMPACT participates globally in various conferences, workshops, seminars, forums and meetings as speakers, panel moderators, keynote speakers and panellists. Our involvement in these important events have positioned IMPACT as a key player and a thought leader in the field of cybersecurity. Through them, IMPACT has established partnerships and alliances through agreements with key industry, academia and international organisations.
Collaboration with International Partners and Alliances, Media Relations, Award Recognitions and Certifications

IMPACT’s participation in the global cybersecurity arena has been recognised with awards, recognitions, new partnerships and alliances that will see IMPACT growing and expanding its services and expertise in the coming years.

IMPACT’s key partnerships include the following:

1. Industry Partners
   a. Microsoft
   b. Kaspersky Lab
   c. Symantec
   d. Trend Micro
   e. F-Secure
   f. High-Tech Bridge
   g. GuardTime
   h. IRIS
   i. Society for the Policing of Cyberspace (POLCYB)

2. Academia
   a. (ISC)²
   b. SANS Institute
   c. EC-Council
   d. University College Dublin
   e. University of Bonn
   f. University Sains Malaysia (USM)
   g. Association of African Universities (AAU)
   h. The Anti-Phishing Working Group (APWG)

3. International Organisation
   a. Commonwealth Telecommunications Organisation (CTO)

4. Child Online Protection
   a. Trend Micro
   b. Microsoft Corporation
   c. Symantec
   d. (ISC)²
   e. WISE KiDS
   f. iKeepSafe
   g. ENISA
   h. ECPAT International
   i. Blue Coat Systems

5. Alliance
   a. INTERPOL

In May 2011, IMPACT’s Senior Management visited INTERPOL headquarters in Lyon, France. The purpose of the visit was to further explore potential collaboration between both organisations. Some of the key areas discussed were sharing of cyber threat data and for INTERPOL to participate in IMPACT’s Electronically Secure Collaborative Application Platform for Experts (ESCAPE). This platform will assist INTERPOL to better facilitate their investigation and coordination with their 188 member countries.

Another key area that was identified was on Child Online Protection (COP). INTERPOL agreed to assist IMPACT through their Internet Access Blocking initiative and Child Abuse Domain. The MoU is currently under review by both parties.

Key Activities

Over the years, the Centre for Policy & International Cooperation have collaborated with its key strategic partners to organise various events in enhancing greater collaboration and knowledge in cybersecurity. Some of the key initiatives that have been undertaken include:

Child Online Protection (COP)

As part of ITU’s GCA, a special initiative within this framework was launched; COP. COP aims to bring together partners from all sectors of the global community to ensure a safe and secure online experience for children everywhere. COP aims to tackle cybersecurity holistically, addressing legal, technical, organisational and procedural issues as well as capacity building and international cooperation.

In 2010 – IMPACT together with its COP partners, built one of the world’s largest repository for child online protection. These resources have been contributed by ITU-IMPACT’s partners from industry, academia and international organisations. The repository includes awareness materials, teaching supplements, videos and tools for parents, educators, industry and children from partner countries to utilise in creating a safer and secure online environment for children. These resources are made available to partner countries at no costs.

Honeynet Project Workshop (26-28 February 2009)

IMPACT hosted the annual Honeynet Project workshop in Kuala Lumpur. The workshop was attended by 65 delegates from more than 40 countries which included France, Australia, Brazil, China, Polska, United States of America (USA), New Zealand, United Kingdom (UK) and Malaysia. Participants
were also briefed on IMPACT and the role it plays towards the global cybersecurity community. Through this workshop, IMPACT had fostered new partnerships within participating countries to further strengthen its alliances. Subsequently, the Honeynet Project has contributed articles and technical advice to IMPACT to further enhance our services to partner countries.

The Honeynet Project is a leading non-profit research organisation, dedicated to investigating the latest cyber attacks and developing open-source security tools to improve Internet security.

**ITU-IMPACT Partner Forum (23 September 2010)**

An inaugural forum organised by ITU-IMPACT, to bring industry partners together with the aim of achieving a more coordinated and systematic collaboration for ITU-IMPACT’s events and activities. The forum was attended by seven international
industry and academia partners; Microsoft, Kaspersky Lab, Trend Micro, Symantec, (ISC)², GuardTime and F-Secure. The forum concluded strategic partnership initiatives between ITU-IMPACT and its partners for 2010-2011. Among the initiatives are;

- (ISC)² – collaboration to provide safety awareness programme for partner countries.


- World CyberSecurity Summit (WCSS) – all partners have agreed to contribute and support the next WCSS.

- Partners also agreed to share latest reports, articles, white papers and statistics related to cybersecurity for the benefit of ITU-IMPACT partner countries.

ITU Plenipotentiary Conference 2010, City of Guadalajara, Mexico (4 - 22 October 2010)

ITU-IMPACT organised a high-level forum on cybersecurity during the ITU Plenipotentiary Conference 2010. ITU-IMPACT brought together seven international experts as panellists to discuss issues and challenges on cybersecurity with participants from ITU-IMPACT partner countries. The panellists were; Eugene Kaspersky-CEO of Kaspersky Lab, Datuk Mohd Noor Amin-Chairman of IMPACT Management Board, Dr. Bilel Jamoussi, ITU/Chief, Study Groups Department, H.E Engr Hassam Baryali - Afghanistan Deputy Minister of Communications, Cheri McGuire-VP Global Gov Affairs & Cybersecurity Policy of Symantec, Andrew Cushman-Senior Director Trustworthy Computing of Microsoft and Jody Westby - CEO of Global Cyber Risk. The session was moderated by Steve Santorelli-Director of Global Outreach of Team Cymru.
This event saw more than 80 countries participating in the forum which was streamed live over the Internet to all of ITU’s 192 Member States. Members of the panel shared their experience and expertise while stressing the importance of having the ITU-IMPACT collaboration to further assist countries to prevent, defend against and respond to cyber threats.

The Plenipotentiary Conference is the key event at which ITU’s Member States decide on the future role of the organisation, thereby determining the organisation’s ability to influence and affect the development of ICTs worldwide.

United States Department of Defense, Cyber Crime Center (DC3) Digital Forensics Challenge

In encouraging stronger ties within the digital forensic community globally IMPACT has, for two consecutive year now, been supporting the U.S. Department of Defense DC3 Digital Forensics Challenge. This challenge aims to resolve issues faced by the digital forensic community by the development of new tools, techniques and methodologies by participants. IMPACT honoured winners of the DC3 Digital Forensics Challenge 2009 and 2010 for the international category. This annual challenge is organised by the United States Department of Defence, Cyber Crime Centre and attracts international participation.

9th Annual Policing Cyberspace International Summit

IMPACT sealed another MoU with POLCYB during the 9th Annual Policing Cyberspace International Summit in Kuala Lumpur, early 2010. This marked a strong collaboration between ITU-IMPACT and POLCYB to enhance international networking and managing strategic alliances to prevent and combat cyber crime as well as to promote international policy and legislative discussions on emerging trends and challenges.

The Summit themed “Implications of Evolving Technologies upon Cybercrime: Collaborating to Develop Action Plans within a Global Context” was attended by 120 cybersecurity professionals and experts from UNODC, Queensland Police, Hong Kong Police, Canadian Police, Los Angeles County District Attorney’s Office, US, Ministry of Public Security, China, Crown Prosecution Service, UK and many more. The summit saw participation from Facebook, Symantec, ArcSight, GuardTime, PayPal, MasterCard, PricewaterhouseCoopers, Oracle and Nexbis.
IMPACT in the Global Media

Having participated in numerous events, projects and initiatives globally, IMPACT has been recognised as a credible subject matter expert in the field of cybersecurity for media agencies all over the world. IMPACT was featured on several internationally renowned media agencies such as BBC, CNN, CNBC, Al Jazeera, UNTV, FutureGov TV, SC Magazine and other medias.

(ISC)²’s Asia Pacific Information Security Leadership Achievements 2010 and 2011

IMPACT received recognition in the form of double honours twice at (ISC)²’s annual Asia Pacific Information Security Leadership Achievements (ISLA) Program 2010 and 2011.

The recipients for 2010 - Philip Victor, Director of Training, Skills Development and Outreach was conferred the Senior Information Security Practitioner Award Honouree while Sivanathan Subramaniam, Manager of GRC Professional Services was conferred the Information Security Practitioner Award Honouree.

As for 2011, the recipients are Anuj Singh, Director of Global Response Centre and Mr. Raj Kumar Kunhiraman, ISO/IEC27001 Lead Auditor, ABCP, Manager of Training and Skills Development were respectively recognised as Honouree in the Senior Information Security Professional category and Managerial Professional for Information Security Project(s).

The awards were for their contributions towards operationalising the ITU's GCA globally.

IMPACT’s International Team of Experts – Certifications

IMPACT’s internationally diverse workforce carries many certifications in the field of information security, including;

- ISO27001 Lead Auditor
- Sensecurity Institute Security Practitioner (SISP)
- Certified Information Systems Security Professionals (CISSP)
- SANS GIAC Security Essential Certified (GSEC)
- Associate Business Continuity Professional (ABCP)
- GCIA SANS Certified Intrusion Analyst (GIAC)
- GIAC SANS Certified Forensic Analyst (GCFA)
- GIAC Certified Incident Handler (GCIH)
- EC-Council Licensed Penetration Tester (LPT)
- EC-Council Certified Security Analyst (ECSA)
- EC-Council Certified Ethical Hacker (CEH)
- EC-Council Certified Computer Hacking & Forensics (CHFI)
- Certified Penetration Testing Specialist (CPTS) – Mile 2
- Linux Professional Institute Certification (LPIC)

Visits

IMPACT has been visited by high-level officials from governments, industry, and academia of various countries.

These visits have enhanced confidence and provided a better understanding of ITU-IMPACT’s services and initiatives. This has sealed various partnerships from the industry and academia and resulted in countries joining the ITU-IMPACT coalition.
### International Cooperation

#### 2008-2011

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<tr>
<td>The First World CyberSecurity Summit 2008, Kuala Lumpur</td>
<td>Launch of IMPACT</td>
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<tr>
<td>ITU Telecom, Bangkok, Thailand</td>
<td>ITU-IMPACT MoU signing</td>
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<tr>
<td>8th International Botnet Task Force Conference, New York, United States of America</td>
<td>IMPACT presented during the conference</td>
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<tr>
<td>The Middle East IT Security Conference (MEITSEC), Dubai, UAE</td>
<td>Keynote address by IMPACT</td>
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<tr>
<td>Internet Governance Forum, Hyderabad, India</td>
<td>IMPACT presented during the conference</td>
</tr>
<tr>
<td>SC Magazine World Conference, New York, United States of America</td>
<td>IMPACT presented during the conference</td>
</tr>
<tr>
<td>Honeynet Project – Workshop, Cyberjaya, Malaysia</td>
<td>IMPACT hosted the Honeynet Project</td>
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<tr>
<td>MoU signing with United Arab Emirates Computer Emergency Response Team (aeCERT), Dubai, UAE</td>
<td>MoU signed with ae-CERT</td>
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<tr>
<td>World Summit on the Information Society (WSIS), Geneva, Switzerland</td>
<td>IMPACT presented during the conference</td>
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<tr>
<td>Launch of IMPACT’s Global Headquarter, Cyberjaya, Malaysia</td>
<td>Tun Abdullah Ahmad Badawi, the 5th Prime Minister of Malaysia officially launched IMPACT’s building. The launch was also attended current Secretary-General of the ITU, Dr. Hamadoun Touré, Prime Minister of Malaysia, Dato’ Sri Najib Tun Razak, and leaders from industry and academia.</td>
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<tr>
<td>MoU signing with Telecommunications Regulatory Authority (TRA), Abu Dhabi, UAE</td>
<td>MoU signed with TRA</td>
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<tr>
<td>Year</td>
<td>Event Description</td>
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<tr>
<td>2008-2009</td>
<td>Japanese Strategic Dialogue on Child Online Protection – Safer Internet for Children, Tokyo, Japan</td>
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<td>2009 ITU Regional Cybersecurity Forum for Africa and Arab States, Tunis, Tunisia</td>
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<td></td>
<td>21st Annual FIRST Conference – “Aftermath: Crafts and Lessons of Incident Recovery”, Kyoto, Japan</td>
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<td>Asia-Pacific Advanced Network (APAN) Conference, Kuala Lumpur, Malaysia</td>
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<td>The 42nd Session of the International Seminars on Planetary Emergencies, Erice, Italy</td>
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<td>Regional Cybersecurity Forum, Hyderabad, India</td>
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<td>ITU Telecom World 2009, Geneva, Switzerland</td>
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<td>FutureGov Summit, Bali, Indonesia</td>
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<td>78th INTERPOL General Assembly 2009, Singapore</td>
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<td>Internet Government Forum (IGF) 2009, Sharm El-Sheikh, Egypt</td>
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<td></td>
<td>Regional Cybersecurity Forum (RCF) 2009, Santo Domingo, Dominican Republic</td>
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<td>Pacific Island CIRT Meeting, Nadi, Fiji</td>
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<td></td>
<td>Sub-regional Telecommunication Ministerial Forum for Cambodia, Lao PDR, Myanmar and Vietnam (CLMV), Nha Trang, Vietnam</td>
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## International Cooperation

### 2010-2011

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<tr>
<td>7th Annual Worldwide Security Conference 2010, Brussels, Belgium</td>
<td>IMPACT presented during the conference</td>
</tr>
<tr>
<td>APCERT Meeting and Conference, Phuket, Thailand</td>
<td>IMPACT presented during the event</td>
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<tr>
<td>Memorandum of Agreement was signed with Egypt</td>
<td>Egypt joins IMPACT as a partner country</td>
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<tr>
<td>ITU-SG 17 Meeting, Geneva, Switzerland</td>
<td>IMPACT attended the meeting to further discuss on technical issues</td>
</tr>
<tr>
<td>Counter Terror Expo 2010, London, United Kingdom</td>
<td>IMPACT presented during the event</td>
</tr>
<tr>
<td>Trend Micro South East Asia Security Summit 2010, Ha Long Bay, Vietnam</td>
<td>IMPACT presented during the summit and signed an MoU with Trend Micro</td>
</tr>
<tr>
<td>World Telecommunication and Information Society Day awards (WTISD), Shanghai</td>
<td>Prime Minister of Malaysia Dato’ Sri Mohd Najib bin Tun Abdul Razak as IMPACT IAB chairman was awarded the WTISD laureate 2010 for his work in strengthening global cybersecurity through IMPACT in Cyberjaya, Malaysia</td>
</tr>
<tr>
<td>3rd African ICT Best Practices Forum, Ouagadougou, Burkina Faso</td>
<td>IMPACT presented during the forum</td>
</tr>
<tr>
<td>Commonwealth Telecommunications Organisation (CTO) Cybersecurity Forum 2010, London, United Kingdom</td>
<td>IMPACT presented on enhancing international cooperation. Signed MoU with CTO</td>
</tr>
<tr>
<td>Regional Collaboration in Cybersecurity – Securing the Cloud, Web and Virtual Networks, Singapore</td>
<td>IMPACT delivered keynote address</td>
</tr>
<tr>
<td>Towards a Secure &amp; Sustainable Communications Sector Conference, Dares Salaam, Tanzania</td>
<td>IMPACT presented during the conference and discussed on the establishment of Tanzania’s national CIRT</td>
</tr>
<tr>
<td>SecureAsia@Singapore: Building a Secure Connected Future</td>
<td>Double Honours for IMPACT at (ISC)² Annual Asia-Pacific Information Security Leadership Achievements Program. Philip Victor was awarded as an Honouree in Senior Information Security category while Sivamathan Subramaniam was an Honouree in the Information Security category</td>
</tr>
<tr>
<td>Digital Inclusion: Connecting Responsibly, Maldives</td>
<td>CIRT deployment for Bangladesh, Bhutan, Maldives, Nepal and Afghanistan</td>
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## 2010-2011

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<tr>
<th>Events and Conferences</th>
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<tr>
<td>ITU-IMPACT’s Partner Forum 2010, Cyberjaya, Malaysia</td>
<td>This inaugural forum brought together ITU-IMPACT’s partners such as F-Secure, GuardTime, (ISC)², Kaspersky Lab, Microsoft, Symantec and Trend Micro to plan activities from Q4 2010 – Q4 2011</td>
</tr>
<tr>
<td>ITU Plenipotentiary Conference 2010, Guadalajara, Mexico</td>
<td>ITU-IMPACT participated and organised a side event on cybersecurity which was attended by ITU’s Member States</td>
</tr>
<tr>
<td>DC3 Digital Forensics Challenge Winners (non-US entries)</td>
<td>IMPACT honoured the winning team of the US’s Department of Defense’s DC3 Digital Forensics Challenge 2009</td>
</tr>
<tr>
<td>FutureGov Philippines 2010</td>
<td>IMPACT presented during the forum</td>
</tr>
<tr>
<td>ITU CEE Workshop on CIRT Capability Assessment, Belgrade, Serbia</td>
<td>Conducted CIRT assessment for Albania, Montenegro and Romania</td>
</tr>
<tr>
<td>Asia-Pacific Telecommunity (APT) Cyber Security Forum, Sydney, Australia</td>
<td>IMPACT presented during the forum</td>
</tr>
<tr>
<td>European Cybercrime Training &amp; Education Group (ECTEG) Meeting, The Hague, Netherlands</td>
<td>IMPACT participated in the meeting</td>
</tr>
<tr>
<td>e-Government in Asia and the Pacific, Seoul, Republic of Korea</td>
<td>IMPACT moderated the session on: Cyber/information Security in the context of E-government Legal and regulatory frameworks</td>
</tr>
<tr>
<td>5th CSI Annual World Conference Series: The International Cyber &amp; Economic Crimes Conference (ICECC), Kuala Lumpur, Malaysia</td>
<td>IMPACT presented during the conference</td>
</tr>
<tr>
<td>WSIS, Geneva, Switzerland</td>
<td>IMPACT participated during the WSIS Forum 2011; a landmark agreement was signed between ITU and IMPACT. Under this agreement, IMPACT became the cybersecurity executing arm of ITU</td>
</tr>
<tr>
<td>Information Security Summit 2011, Kuala Lumpur, Malaysia</td>
<td>Keynote address by IMPACT</td>
</tr>
<tr>
<td>Trend Micro APAC Security Summit 2011, Taipei and Hualien, Taiwan</td>
<td>IMPACT’s expert presented during the conference</td>
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</table>
IMPACT’s Centre For Training & Skills Development

The IMPACT Centre for Training & Skills Development provides world-class training in the field of cybersecurity. IMPACT has developed its own specialised training programmes such as information security essentials, forensics, malware analysis and network investigations. The centre also collaborates with leading international certification bodies, academia, industry and ITU’s Centre of Excellence.

The needs and desires of IMPACT partner countries are carefully examined with an eye toward continual improvement and development. In view of future requirements and training needs, IMPACT strives to develop and deploy effective training courses to meet these specific demands.

In 2010, IMPACT embarked on developing IMPACT SecurityCore, a foundation programme developed by internationally recognised course developers. IMPACT SecurityCore is aimed at providing a high quality curriculum focusing on information security standards, best practices and technical measures in order for information security professionals, practitioners and Internet users to effectively identify, manage and mitigate cyber threats.

A beta-run of the course was successfully conducted in Canada by the developers and received excellent reviews from the participants. ITU-IMPACT is deploying this programme across all its partner countries.
Scholarships

ITU-IMPACT’s scholarship deployment for the period 2008-2011

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www.impact-alliance.org
### Capacity Building

#### 2009-2010

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<tr>
<td>SANS workshop held at IMPACT, Cyberjaya, Malaysia</td>
<td>The workshop was successfully held, training saw global participation</td>
</tr>
<tr>
<td>Global Response Centre conducted cybersecurity training during the Regional Cybersecurity Forum held in Hyderabad, India</td>
<td>GRC Training was conducted for IMPACT’s partner countries and potential partner countries (Lao PDR, India, Indonesia, Philippines, Australia, Sri Lanka, Malaysia, Iran, Nepal, Mongolia, Bangladesh, Pakistan, Bhutan and Maldives)</td>
</tr>
<tr>
<td>IMPACT Regional Network Forensics Training held at IMPACT, Cyberjaya, Malaysia</td>
<td>Five-day training programme was successfully held at IMPACT. The training was attended by participants from Malaysia, Philippines and Thailand</td>
</tr>
<tr>
<td>Symantec Workshop on IT Governance, Risk Management and Compliance and Best Practices in Security held at IMPACT, Cyberjaya, Malaysia</td>
<td>Participants gained knowledge on IT Governance, Risk Management and Compliance and best practices in security</td>
</tr>
<tr>
<td>Global Response Centre’s Portal Training for aeCERT held in Dubai, UAE</td>
<td>On site GRC portal training conducted for UAE by IMPACT</td>
</tr>
<tr>
<td>IMPACT-Microsoft Regional Critical Infrastructure Protection Seminar held at IMPACT, Cyberjaya, Malaysia</td>
<td>The seminar was successfully conducted by Angela McKay, Microsoft’s Senior Security Strategist and Jerry Cochran, Microsoft’s Principal Security Strategist. More than 30 participants from critical sectors in Malaysia and Asia Pacific attended the seminar</td>
</tr>
<tr>
<td>IMPACT-Kaspersky Lab Seminar on Formulating Effective Global Counter-Phishing Efforts held at IMPACT, Cyberjaya, Malaysia</td>
<td>This one-day seminar was conducted by Michael Molsner, Kaspersky Lab, Team Leader, IT Security Lab (Japan) on “Global Phishing Threats and How To Mitigate These Threats Effectively”</td>
</tr>
<tr>
<td>IMPACT Training on Network Investigations for Law Enforcement held in Brunei Darussalam</td>
<td>Conducted training for law enforcement participants from five countries</td>
</tr>
<tr>
<td>IMPACT-Trend Micro seminar on “The Botnet Storm: Challenges &amp; Global Cooperation” held at IMPACT, Cyberjaya, Malaysia</td>
<td>This seminar was streamed live for ITU’s staff in Geneva</td>
</tr>
<tr>
<td>ITU-IMPACT CIRT Readiness Assessment for East Africa held in Kampala, Uganda</td>
<td>ITU and IMPACT conducted CIRT readiness assessment, capacity building and training needs assessment for East Africa, Uganda, Kenya, Tanzania and Zambia</td>
</tr>
<tr>
<td>IMPACT Training on Network Forensics: Understanding and Mitigating Malicious Internet Activity held at IMPACT, Cyberjaya, Malaysia</td>
<td>Participants gained real world knowledge and skills to analyse network traffic, improve network security and reliability, and protect networks from malicious and criminal attacks</td>
</tr>
<tr>
<td>SANS IPv6 Essentials Training held at IMPACT, Cyberjaya, Malaysia</td>
<td>The training was conducted by Dr. Johannes Ullrich, the Chief Research Officer for The SANS Institute and Director of SANS Internet Storm Center</td>
</tr>
</tbody>
</table>
## 2009-2010

<table>
<thead>
<tr>
<th>Trainings and Workshop</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>SANS-IMPACT Security Essentials Bootcamp Style Training held at IMPACT, Cyberjaya, Malaysia</td>
<td>The course was conducted at IMPACT by Dr. Eric Cole, an industry-recognised security expert with over 15 years of hands-on experience. He is also the CTO for the Americas for McAfee, SANS faculty fellow, a course author and is actively involved with the SANS Technology Institute (STI) and SANS. The course was attended by 26 participants from United Arab Emirates, Malaysia, Palestine, Indonesia, Oman, Brunei and Libya</td>
</tr>
<tr>
<td>SANS-IMPACT Hacker Techniques, Exploits and Incident Handling Training held at IMPACT, Cyberjaya, Malaysia</td>
<td>The course was conducted by John Strand, a SANS Institute Certified Instructor, owner and senior security researcher with Black Hills Information Security, and a consultant with Argotek Inc. for TS/SCI programs. This course had international audiences from Vietnam, Malaysia, Thailand, Japan, South Korea, Qatar, Saudi Arabia, Sudan, Sweden and Israel</td>
</tr>
<tr>
<td>Seminar on the Estonian Cyberwar: What Really Happened in 2007, held at IMPACT, Cyberjaya, Malaysia</td>
<td>Dr. Jaan Priisalu, co-founder of Estonian's CyberDefense League, presented on “The Baltics, Defending an Internet Bank against Cybercriminal Elite” and “The CyberDefense League, What Really Happened in 2007”. The seminar also featured Mike Gault, CEO of GuardTime who presented on “Digital Evidence in a Networked Age”. The seminar was attended by 43 participants from various sectors</td>
</tr>
<tr>
<td>SANS-IMPACT Community Night 2010 held at IMPACT, Cyberjaya, Malaysia</td>
<td>A knowledge sharing session was held at IMPACT. Two fascinating and informative topics were presented. “Offensive Countermeasures” by John Strand, who is a SANS Institute Certified Instructor and “The 20 Critical Security Controls Perspective” by Dr. Eric Cole, SANS Institute Faculty Fellow</td>
</tr>
<tr>
<td>Defending Web Applications Security Essentials Training held at IMPACT, Cyberjaya, Malaysia</td>
<td>The course covered the OWASP Top 10 and helped participants to better understand web application vulnerabilities, thus enabling participants to properly defend their organisation’s web assets</td>
</tr>
<tr>
<td>Asia IPv6 Task Force Workshop held at IMPACT, Cyberjaya, Malaysia</td>
<td>IMPACT hosted the Asia IPv6 by streaming life from Australia. It was attended by more than 15 delegates</td>
</tr>
</tbody>
</table>

## 2011

<table>
<thead>
<tr>
<th>Trainings and Workshop</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>IMPACT SecurityCore Training, held at IMPACT, Cyberjaya, Malaysia</td>
<td>The first IMPACT SecurityCore training was conducted. It was attended by IT practitioners and professionals from various industries</td>
</tr>
<tr>
<td>ISO/IEC 27001 Information Security Management System (ISMS) awareness programme held at IMPACT, Cyberjaya, Malaysia</td>
<td>Trend Micro - collaborated with IMPACT and conducted ISO/IEC 27001 Information Security Management System (ISMS) for government and critical national information infrastructure agencies</td>
</tr>
</tbody>
</table>
Global Response Centre (GRC)

GRC has evolved as the centralised threat coordination and analysis centre in collaboration with its research and operational partners. Through its extensive partnership with leading vendors from cybersecurity, academic research networks and the governments, GRC provides the global community (especially the government sector) with visualisation of emerging threats, near real-time aggregated threat information and a collaboration platform for helping governments to mitigate the threats through effective collaboration tools. GRC provides access to focal points in governments to its resources from the centre located in Cyberjaya, Malaysia.

The two main systems offered by the GRC are - **Network Early Warning System (NEWS)** and **ESCAPE**.

GRC through its alliances such as Microsoft, Symantec, Kaspersky Lab, Trend Micro, SANS Internet Storm Center, F-Secure and many more, provides a well developed threat diagnosis and prioritisation scheme via NEWS. NEWS fuses data from multiple trusted sources and this aggregated data is then made available to key focal points in partner countries. This process gives them the ability to rapidly distribute actionable information back to key cybersecurity agencies, law enforcement agencies and trusted cybersecurity experts who can identify cyber threats at its inception and take necessary measures to counter them.

**ESCAPE** is a platform that enables trusted cybersecurity experts across different countries to collaborate with each other remotely, within a secured environment. This includes IT experts, regulators, CIRTs and “white hats”. ESCAPE enables partner countries and the global community to respond immediately to cyber threats, especially during crisis or outbreaks.
Key Features of ESCAPE:

**Knowledge Exchange Network (KEN)**

Creates an active online community of trusted cybersecurity experts and users where everybody shares knowledge and benefits from other users. The KEN technology automatically channels queries and issues to experts who are willing to help. KEN enables a real-time communication between knowledge seekers and appropriate experts.

**Automated Threat Analysis System (ATAS)**

A flexible, scalable and fully automated malware analysis system for monitoring and reporting on the behaviour of suspected malware samples. Its dynamic analysis shows how the applications are executed, what system changes are made, what network traffic is generated and the severity level of the threat in a secure, controlled environment. The system executes the malware part of the code inside a controlled environment then recording all system changes and network traffic, such as any Windows API calls made. By creating the appropriate sandboxed Windows environment, anything from infected Office documents to malicious URLs or scripts in Flash ads can be analysed.

**Incident Reporting and Response System**

This module provides tools for managing incident response service requests. It also provides tools for management of knowledge base wikipedia and library. Incident reporters can view request, response, statistics, and create request tickets. Service representative can manage their assigned service requests. Users unable to find information or the experts to handle an incident can submit general service requests for help. IMPACT’s analysts will respond to the service request and help them locate the necessary resources.

**Blogs, Forums, security advisories knowledge base**

Here information security related issues are discussed and advisories are provided to the partner countries.

**GRC Deployment to ITU-IMPACT Partner Countries**

IMPACT’s GRC is currently providing access to 85 partner countries globally. Countries have been given access to the threat feeds that IMPACT aggregates from its strategic partners globally.

Countries that join the ITU-IMPACT coalition will nominate key focal points from the regulatory authority, law enforcement, CIRT and other relevant stakeholders. Focal points will be given access to IMPACT’s ESCAPE platform to enable greater collaboration, exchange of information, ideas and expertise and for enhanced co-operation for remediating cyber incidents. ESCAPE’s platform currently holds over 300 professionals and experts.
The Centre for Security Assurance and Research

The Centre for Security Assurance aims at enhancing a government’s cybersecurity posture through IMPACT’s product and services, namely the IMPACT Government Security Scorecard (IGSS) and CIRT-Lite. Both solutions were developed by IMPACT and its industry partners to bridge the need for governments to ramp up on their cybersecurity capabilities in light of the increasing number of cyber threats and the need for managing Internet governance, risk and compliance.

IGSS

One of the main elements of an effective security programme is the development and enforcement of security policies. While governments have cybersecurity policies as part of their security measures, the enforcement of policy compliance has always been a daunting challenge. IGSS provides centralised and automated policy compliance, auditing for government’s critical business applications and infrastructure. Governments can effectively manage risks by identifying weaknesses and measuring compliance with identified security controls and policies. Through its extensive capabilities, the tool enables the government to understand the critical components of its security posture by analysing compliance to identified policies across the entire government infrastructure, down to the region or office level.
IGSS Pilot Project - Malaysian Administration and Modernisation Planning Unit (MAMPU)

IMPACT embarked on the development and deployment of IGSS for the Malaysian government as its pilot project, the Malaysian Administration and Modernisation Planning Unit (MAMPU), under the Prime Minister’s Department. The project started in 2009 and was completed in the first quarter of 2010. With this success, the Malaysian Government has requested for the extension of the security scorecard to several other government ministries and agencies. IGSS will subsequently be deployed throughout IMPACT’s partner countries. The MAMPU-IGSS pilot project was the first IGSS project deployed by IMPACT this year.

IGSS Implementations:

• Completed IGSS pilot project for Malaysian Government – 1st Quarter 2010

• Extending IGSS project to selected Malaysian government ministries and agencies in 2011

• Extending IGSS to Middle East countries in 2011

The Centre for Research

The Centre for Research oversees a collaborative global network platform that aims to bridge the gap between the private sector, academia and governments, specifically to address areas that are not adequately researched in cybersecurity. The Centre for Research coordinates and directs the research between all stakeholders to cohesively advance the cybersecurity agenda in order to enable individual nations to play collective leadership roles in the interest of national and international cybersecurity.
**IMPACT CIRT-Lite**

CIRT-Lite is an initiative by IMPACT and ITU that helps interested countries to set up a CIRT that is able to identify, manage and remediate cyber threats and enhance cyberspace security. CIRT-Lite as the name suggest is an enabler for countries that are embarking on their projects to establish a national CIRT. The solution sets help them establish a roadmap for the country to offer services to identify constituents, resources that will be required to operate a CIRT, key tools and policy templates for the CIRT and a sustainability model for the operation of the CIRT.

IMPACT and ITU are strong advocates for the establishment of a national CIRT that is responsible for proactively managing the response to cyber incidents for identified constituents in a country. The CIRT is also responsible for disseminating alerts to identified critical national infrastructure agencies in a country.

**ITU-IMPACT CIRT Assessment and Implementation**

<table>
<thead>
<tr>
<th>Partner Countries</th>
<th>Assessment Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Afghanistan</td>
<td>Completed in October 2009</td>
</tr>
<tr>
<td>Uganda, Tanzania, Kenya &amp; Zambia</td>
<td>Completed in April 2010</td>
</tr>
<tr>
<td>Nigeria, Burkina Faso, Ghana, Mali, Senegal &amp; Ivory Coast</td>
<td>Completed in May 2010</td>
</tr>
<tr>
<td>Maldives, Bhutan, Nepal &amp; Bangladesh</td>
<td>Completed in June 2010</td>
</tr>
<tr>
<td>Serbia, Montenegro, Bosnia &amp; Albania</td>
<td>Completed in November 2010</td>
</tr>
<tr>
<td>Cameroon, Chad, Gabon, Congo &amp; Sudan</td>
<td>Completed in December 2010</td>
</tr>
<tr>
<td>Senegal, Gambia, Togo &amp; Niger</td>
<td>Completed in November 2010</td>
</tr>
<tr>
<td>Lao P.D.R</td>
<td>Completed in November 2011</td>
</tr>
<tr>
<td>Cambodia, Myanmar, Vietnam (Assessment for CMV national CIRTs)</td>
<td>Completed in November 2011</td>
</tr>
<tr>
<td>Armenia</td>
<td>Completed in November 2011</td>
</tr>
<tr>
<td>South America and Arab region</td>
<td>Planned for 2012</td>
</tr>
</tbody>
</table>

Through CIRT-Lite, countries will have access to a range of tools, templates of polices, processes and procedures that can be used in identifying and remediating security threats.

**ITU-IMPACT has to date, completed CIRT workshops for over 30 countries.** The primary objective of this project is to assist the identified countries in the assessment of its readiness to implement a national CIRT. The national CIRT has the capability to identify, respond to and manage cyber threats and at the
same time enhance the cybersecurity posture of the country. The final outcome and deliverable of this mission is a report that contains key issues, findings and analysis, recommendations and an implementation plan for setting up a national CIRT.

Collectively, with the integration of best practices, processes and experienced people, the national CIRTs can play the role of maintaining round-the-clock vigilance to defend critical national infrastructure and assets against cyber attacks, and also serve as a critical cyber-nerve centre in analysing threat information; which would enhance security awareness, assist in remediation of identified vulnerabilities and improving overall security posture.
COP Awareness Programme

A key area being addressed under the Global Cybersecurity Agenda is COP. COP is a special initiative that aims to bring together partners from all sectors of the global community to ensure a safe and secure online experience for children everywhere.

This initiative is designed for relevant stakeholders in the government comprising the Ministry of Information and Communication, Ministry of Education, Ministry of Health and the Department of Justice, industry representatives and other alliances.

The COP awareness programme will be deployed across different regions globally. These programmes will be jointly organised and deployed by ITU, IMPACT and COP partners comprising of industry experts, child online experts and law enforcement agencies.

CIRT Implementation

After the successful completion of Phase 1 country assessments, ITU-IMPACT will now move to Phase 2 which will be the implementation phase. The implementation phase will be the setting up of the country’s national CIRT. As part of ITU-IMPACT’s effort to ensure that its partner countries are better prepared to counter cyber threats, national CIRTs are important as the first line of defence. For the period 2011-2012, ITU-IMPACT will be focusing on setting up 2 to 4 national CIRTs for its partner countries.

International Cyber Drill

ITU-IMPACT successfully held its inaugural cyber drill simulation in December 2011, known as ALERT (Applied Learning for Emergency Response Team) linking the CERT/CIRT team of Cambodia, Lao P.D.R., Myanmar and VietNam (CLMV Countries) with the executing experts from ITU-IMPACT in a one-day exercise. The drill was held in conjunction with the ITU-ASEAN Subregional CSIRT/CIRT/CERT Workshop for CLMV Countries in Yangon, Myanmar.
Each participating countries was divided into two roles, representing “player” and “observer”. The player executed the incident handling process, analysed the threats and mitigated the simulated attacks while the observer executed the communication roles and assist the player to mitigate the simulated attacks.

The purpose of this simulation was to enhance the communication and participating teams’ incident response capabilities. This exercise was supported by ABI Research and technical assistance provided by Trend Micro and F-Secure.

**World CyberSecurity Summit (WCSS)**

WCSS themed “Bringing Nations together for a Safer Cyber World” is an international summit that focuses on enhancing international cooperation between nations. It is a platform where governments and cybersecurity experts from the industry, academia and think tanks meet to exchange their experiences, expertise, best practices, ideas and knowledge on cybersecurity related issues. The summit will see key issues being discussed in the areas of cyber law, child online protection, cyber crime investigation and critical national information infrastructure protection.

**Research Symposium**

ITU-IMPACT’s Research Symposium acts as an avenue for researchers and students to share their research works. It also aims to provide interaction between researchers and industry experts on developing prototypes, realise innovative concepts and provide awareness for the need of research and development in the field of high technology crime.

**Sensor Deployment**

Over the past few years there has been a significant increase in the amount of cyber attacks over the Internet. Viruses, Worms, Exploits, Trojan Horses, and Denial-of-Service attacks continue to plague networks all over the world. There is a need for identifying and prioritising cyber attacks at a global level.

ITU-IMPACT is embarking on a project to capture and recognise these cyber attacks by deploying capabilities aimed at capturing potential malicious traffic targeting partner countries.

The valuable information gathered from this network of sensors from around the world will be visualised and shared across with all partner countries and will provide a good view of the global threat landscape.

**IGSS**

With the successful implementation of the pilot IGSS project for the Malaysian government, IMPACT will be expanding this implementation to its partner countries. IMPACT will start deploying to the Middle East by end of 2011 and subsequently to other regions from 2012 onwards.
Chairman's Office

Mohd Noor Amin
Chairman
Management Board

Mohamed Shihab
Advisor (Technical)

Azmi Faez
Advisor (Administration)

Chairman's Office

Datuk Mohd Noor Amin, Chairman, Management Board

As Chairman of IMPACT, Datuk Mohd Noor Amin’s role is to strategically guide IMPACT and its affiliates – that includes international organisations, ITU and the governments of IMPACT’s 192 partner countries – to enhance the global community’s capacity in preventing, defending against and responding to cyber threats.

Mohamed Shihab, Advisor (Technical)

Mohamed Shihab oversees the technical aspects of IMPACT’s work, including intellectual property, consulting and knowledge building capacities. Mohamed Shihab is part of the core team that conceptualised and incorporated IMPACT into existence.

Azmi Faez, Advisor (Administration)

A licensed Company Secretary, Azmi Faez assists the Chairman in overseeing all administrative aspects of IMPACT which includes human resources, legal and finance.
Global Response Centre

Anuj Singh
Director
Global Response Centre (GRC)

Anuj Singh is responsible for the design, development and operational activities of GRC. He also works closely with various global industry partners in offering comprehensive threat and remediation information to partner countries.

Centre for Policy & International Cooperation

Philip Victor
Director
Centre for Policy & International Cooperation

Philip Victor oversees the development of IMPACT’s partner countries globally and the relationships between partners in the industry, international organisations, academia and governments. He has been actively involved in promoting ICT Security Awareness for schools, organisations, CNII and the general public. At IMPACT, Victor also oversees the design, development and deployment of cybersecurity courses and training curriculum globally.
CNN

Dan Rivers, reports on IMPACT’s work and its global role

CNN’s monthly series i-List highlights innovation and influence in industry, business, technology, culture and more. It showcases a nation’s people and places - those having an influence inside and outside their borders.

BBC

BBC World’s interview with Secretary-General of the ITU on IMPACT

Interview by the British Broadcasting Corporation (BBC) World News with the Secretary-General of the United Nations specialised telecommunication agency - the International Telecommunication Union. The interview took place at the BBC’s studios in Kuala Lumpur via satellite link-up during the inauguration of IMPACT on 20 March 2009.

United Nations Television

United Nations Television’s documentary features IMPACT’s work

This specially commissioned documentary by the United Nations Television (UNTV) was produced in conjunction with the World Telecommunication and Information Society Day on 17 May 2010.

FutureGov TV

FutureGov TV interviews IMPACT on cybersecurity challenges

In this interview by FutureGov TV, IMPACT Chairman Datuk Mohd Noor Amin observed that in their attempts to improve national cybersecurity, many Asian governments focus more on technology, systems and devices, and tend to overlook the importance of cybersecurity skills training of their employees.
**AL Jazeera**

*AL Jazeera interviews IMPACT on Blackberry security concerns*

AL Jazeera global news channel interviews IMPACT’s Director of Training, Skills Development and Outreach, Philip Victor.

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**Bloomberg**

*Bloomberg International interviews IMPACT’s Chairman - 28 January 2010*

Bloomberg interviews IMPACT’s Chairman Datuk Mohd Noor Amin in their Singapore studio for Bloomberg’s Asia Confidential morning programme.

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**Bloomberg**

*Bloomberg International interviews IMPACT’s Chairman - 8 May 2008*

Bloomberg interviews IMPACT’s Chairman Mohd Noor Amin in their Hong Kong studio. The interview centred on the establishment of IMPACT and the World CyberSecurity Summit 2008.

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**CNBC**

*CNBC’s feature story on IMPACT - 6 April 2009*

This CNBC feature story on IMPACT was broadcasted globally in CNBC’s World Business program and also aired in-flight by more than 20 airlines worldwide.

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**CNBC**

*CNBC interviews IMPACT on Africa’s cybersecurity - July 2010*

As the African continent improves its bandwidth connectivity to the Internet, the state of its cybersecurity has become a key concern not just among African nations, but also the world at large. Given its borderless nature, cyber threats - including cyber crimes, emanating from there could potentially threaten the global community.
13 September 2009

EE Publishers

ITU boosts security confidence
The global headquarters of the International Multilateral Partnership Against Cyber Threats (IMPACT) was inaugurated in Cyberjaya on the outskirts of Kuala Lumpur, Malaysia. The new IMPACT facilities hosts ITU’s Global Cybersecurity Agenda (GCA), which is an international framework for cooperation aimed at finding strategic solutions to boost confidence and security in an increasingly networked information society.

23 September 2009

CeBIT

ITU calls for global cybersecurity measures
The International Telecommunication Union (ITU) has published its proposals for harmonising global cybersecurity legislation on the periphery of a conference on the information society in Geneva.

UN News Centre

UN forum urges Asia-Pacific nations to band together to fight cyber-crime
The importance of bolstering international cooperation to combat the rising tide of cyber-crime across Asia and the Pacific was underlined by participants of a regional United Nations information and communications technology (ICT) gathering that kicked off in India today.

24 September 2009

IT.TMCNet.com

ITU: ITU’s Asia-Pacific Regional Cybersecurity Forum Urges International Cooperation Against Cyber Crime
Mr Al Basheer expressed his hope that the event would succeed in promoting increased cooperation and coordination among different stakeholders across the Asia-Pacific region. He noted the progress already made in international collaboration through the signing of an important MoU between ITU and the International Multilateral Partnership Against Cyber Threats (IMPACT) last year, which is making state-of-the-art cybersecurity measures and early warning systems available to ITU Members.

Enterprise Innovation

Cyber crime-fighters receive $1M scholarship
The International Council of E-Commerce Consultants (EC-Council) awarded the International Multilateral Partnership Against Cyber Threats (IMPACT) with a US$ 1 million scholarship at the Hackers Halted Conference in Miami, Florida.

The Chief Officers’ Network

Infotech

Internet: UN urges Asia-Pac nations to work harder on cyber crime
120 participants from 19 countries throughout the Asia-Pacific region, the UN International Telecommunications Union Forum in Hyderabad, India, heard the UN’s view that progress has already been made in global collaboration through the signing of an agreement between the agency and the International Multilateral Partnership Against Cyber Threats (IMPACT) last year.

ISRIA

UN forum urges Asia-Pacific nations to band together to fight cyber-crime
Sami Al Basheer Al Morshid, an ITU Director, noted the progress already made in global collaboration through the signing of an agreement between the agency and the International Multilateral Partnership Against Cyber Threats (IMPACT) last year.

06 October 2009

Gruppo Posteitaliane

ITU Geneva: Poste Italiane signs a new partnership for Cyber security
CEO Massimo Sarmi signs an agreement with IMPACT, the international committee involved in studying technological solutions for security in digital communication.
07 October 2009
Herald Sun
Next world war may be in cyberspace
The next world war could take place in cyberspace, the UN telecommunications agency chief has warned.

13 October 2009
ZDNet Asia
Govt red tape adds to security threats
SINGAPORE--Bureaucracy as well as a lack of communication and information sharing amongst countries, are impeding the fight against cyberthreats, according to experts.

14 October 2009
eGovAsia
Governments wage war against cyber crime
The International Multilateral Partnership Against Cyber Threats (IMPACT) called for governments around the world to set up dedicated agencies to address the growing dangers of cyber threats. The adoption of this approach by both developed and developing countries is the most targeted and therefore likely to be the most effective in combating cyber attacks that threaten the wellbeing of a country’s information and communications technology infrastructure, IMPACT Chairman Mohamed Noor Amin said.

22 October 2009
Techdaily.com.my
IMPACT on Cybersecurity
Tech Daily was today honoured to be in the presence of Eugene Kaspersky, Co-Founder and CEO of Kaspersky Labs. Eugene is the first International advisory board member of the International Multilateral Partnership Against Cyber Threats (IMPACT) to pay a visit to its facilities in Malaysia.

30 October 2009
BERNAMA
Bomb Attack: Two Malaysians Saved By Breakfast
SEPANG, (Bernama) - Two Malaysians, Jagdish Singh and S.Sivanathan, who escaped harm from a bomb and rocket attack on the Serena Hotel in Kabul, Afghanistan on Wednesday, today recounted the moments they went through in the war-torn country.

01 December 2009
Siam Daily News | Bernama.com
Malicious Activities On The Rise In Internet
KUALA LUMPUR, (Bernama) -- Malicious activities on the Internet have increased with the targets being reputable, high-traffic websites, according to a research done by Symantec.

05 December 2009
MIS Asia
Partner countries need to step up in-country response teams: IMPACT
KUALA LUMPUR, -- International Multilateral Partnership Against Cyber Threats (IMPACT) has called for partner companies to step up in-country cyber response teams.

06 December 2009
The Sun
Malware infection on the Rise
CYBERJAYA, Malware infection via the Internet is increasing in Malaysia with more than 160,000 cases reported since the beginning of the year.

08 December 2009
The Star - In Tech
Police to be trained in cybersecurity
KUALA LUMPUR, The International Multilateral Partnership Against Cyber Threats (Impact) is planning to conduct cybersecurity courses for the Royal Malaysian Police.
14 December 2009

**Enterprise Innovation**

IMPACT renews call for faster cyber threat response

IMPACT (International Multilateral Partnership Against Cyber Threats) recently renewed its call to form in-country cyber threats response teams in order to accelerate action against cybercriminals.

29 December 2009

**The Star**

Datuk Mohd Noor Amin Meets Symantec CTO Mark Bregman at Cybersecurity Discussion Partnership.

PLEAS'D TO MEET YOU : Datuk Mohd Noor Amin, chairman of the International Multilateral Partnership Against Cyber Threats (left) meeting Symantec chief technology officer Mark Bregman before a media roundtable discussion on cybersecurity in Kuala Lumpur recently. In the centre is the roundtable discussion moderator, Freda Liu.

22 February 2010


Spies, Hackers Exploit World Cyber Rule Void

The best weapon against online thieves, spies and vandals who threaten global business and security would be international regulation of cyberspace. Luckily for them, such cooperation does not yet exist. Better still, from a hacker’s perspective, such a goal is not a top priority for the international community, despite an outcry over hacking and censorship and disputes over cyberspace pitting China and Iran against U.S. firm Google.

07 April 2010

**MOD DCB**

International Cooperation in Countering Cyber Attacks

In a world where information is key cyber attacks are an increasingly common form of terrorism. In this feature, Philip Victor of International Multilateral Partnership Against Cyber Threats (IMPACT), tells MOD DCB about the importance of international collaboration to defend against the digital attacks on information infrastructure.

24 April 2010

**Business Times**

Najib gets ITU award for role in digital revolution

Prime Minister Datuk Seri Najib Razak has been awarded the 2010 International Telecommunication Union (ITU) World Telecommunication and Information Society Award for his contributions to the ongoing digital revolution. As part of the New Economic Model for Malaysia, the prime minister has placed high priority on strengthening ICT infrastructure. ITU said Najib’s administration has also supported its work in strengthening global cyber security through the IMPACT centre in Cyberjaya.
26 April 2010

**The Star**

ITU names Najib as one of three eminent personalities

Prime Minister Datuk Seri Najib Razak has been awarded the 2010 International Telecommunication Union (ITU) World Telecommunication and Information Society Award for his contributions to the ongoing digital revolution. As part of the New Economic Model for Malaysia, the prime minister has placed high priority on strengthening ICT infrastructure. ITU said Najib’s administration has also supported its work in strengthening global cybersecurity through the IMPACT centre in Cyberjaya.

29 April 2010

**MIS Asia**

ITU singles out Malaysian PM as a key player in the digital revolution

Government ICT agency MDeC (Multimedia Development Corporation) chief executive officer Dato’ Badlisham Ghazali welcomed the conferment on the prime minister of the ITU World Telecommunication and Information Society Award. “The prime minister was one of three laureates honoured by the ITU in conjunction with its 145th anniversary, and the only national leader to be given the award.” He added that the award cited the PM’s efforts in making connectivity a priority, especially in the recently announced New Economic Model (NEM), which places a high level of importance on strengthening ICT infrastructure in the country. “The prime minister was also commended for his administration’s strong support for boosting global cybersecurity, via the IMPACT centre that has been set up in Cyberjaya.”

11 May 2010

**Yahoo! News**

Najib Awarded World Telecommunication And Information Society Award 2010

Information Communication and Culture Minister Datuk Seri Dr Rais Yatim will receive the World Telecommunication and Information Society Award 2010 in Shanghai on behalf of Prime Minister Datuk Seri Najib Tun Razak.

27 May 2010

**ZDNet Asia**

Planning for future IT security skills

IT security professionals need to arm themselves with skills that are currently in demand as well as relevant for the future, according to industry watchers, who also list the toughest certificates in the industry and explain why IT security professionals need to know more than just technical know-how.

16 June 2010

**MIS Asia**

Getting Creative to Fight Cyber Crime: Microsoft Digital Crimes Unit

REDMOND, USA, -- Asian CIOs need to get more creative to fight the rising tide of cyber crime, said Microsoft's Digital Crimes Unit. Microsoft senior attorney, Digital Crimes Unit (DCU) senior attorney, Richard Boscovich, said: "CIOs and companies in general need to become more creative in order to fight online fraud".

27 June 2010

**This Day**

Cyber Crimes: CTO Signs MoU for Multilateral Cooperation

The Commonwealth Telecommunications Organisation (CTO) and the Malaysia-based International Multilateral Partnership Against Cyber Threats (IMPACT) have signed a Memorandum of Understanding (MoU) aimed at promoting international cooperation on cybersecurity.

29 June 2010

**allAfrica.com | Vanguard**

CTO signs MOU with IMPACT On Cyber Crime

To further promote of international cooperation against cyber crimes eating deep into the socio-economic fabrics of nations of the world, the Commonwealth Telecommunications Organisation (CTO) and the Malaysia-based International Multilateral Partnership Against Cyber Threats (IMPACT) have signed a memorandum of understanding (MOU).
29 June 2010

CIOL
Boost for International Cooperation on Cybersecurity
CTO signs MOU with IMPACT for multilateral cooperation against cyber crimes
LONDON, UK: A Memorandum of Understanding (MOU) aimed at promoting International cooperation on cybersecurity has been signed between the Commonwealth Telecommunications Organisation (CTO) and the Malaysia-based International Multilateral Partnership Against Cyber Threats (IMPACT).

30 June 2010

TMCnet.com
CTO signs MOU with IMPACT On Cyber crime
To further promote of international cooperation against cyber crimes eating deep into the socio-economic fabrics of nations of the world, the Commonwealth Telecommunications Organisation (CTO) and the Malaysia-based International Multilateral Partnership Against Cyber Threats (IMPACT) have signed a memorandum of understanding (MOU).

05 July 2010

ZDNet
Tackling cyber threats, championing cyberpeace
With well over 200 nations around the world, the chairman of the International Multilateral Partnership Against Cyber Threats (IMPACT) shares body’s efforts to galvanize governments worldwide in addressing the global issue in the area of cybersecurity. Mohd. Noor Amin shared about IMPACT’s role in operationalising UN/ITU’s Global Cybersecurity Agenda in enhancing the 192 nation’s capacity and capability in cybersecurity.

07 July 2010

MIS Asia
Commonwealth telecommunications organisation signs with Malaysia-based anti-cyber threats group
International Multilateral Partnership Against Cyber Threats (IMPACT) partners with Commonwealth Telecommunications Organisation (CTO) for multilateral cooperation against cyber crime in promoting stronger international collaboration in the area of cybersecurity. Under the Memorandum of Understanding (MOU), both organisations would work towards enhancing information flow, resources, capacity building and the setting up of robust cybersecurity framework for protection against cyber crime amongst its member countries.

10 July 2010

AsiaNet | Altnews
(ISC)² Announces Honorees for Annual Asia-Pacific Information Security Leadership Achievements Program
Fourth Annual ISLA Program to Announce New “Community Service Star” Recognition and Showcased Honorees at Ceremony on 26 July in Singapore. (ISC)², the not-for-profit global leader in educating and certifying information security professionals throughout their careers with nearly 70,000 certified members worldwide, today announced the honorees for its fourth annual Asia-Pacific Information Security Leadership Achievements (ISLA) Program.

10 August 2010

The Korea Herald
Education critical in fighting cyber crime
Educating users so that they know what kind of cyber threats they are exposed to on a daily basis is among the challenges that governments face as the world becomes increasingly wired.
07 September 2010
IMPACT Speaks at the Enterprise Information Security Conference (EIS) in Singapore

The International Multilateral Partnership Against Cyber Threats (IMPACT) will be presenting an interesting topic on “Strengthening International Cooperation to Enhance Prevention and Defend Against and Respond to Cyber Threats” during the Enterprise Information Security (EIS) 2010 held in Singapore from 23 – 24 November 2010.

IMPACT’s expert, Anuj Singh, Director of Global Response Centre will enlighten professionals and practitioners on understanding the nature to counter attacks and the requirements for cooperation between the public and private sectors.

06 October 2010
BERNAMA

ITU Lauds Malaysia’s Willingness to Share ICT Expertise with Member Countries

GUADALAJARA (Mexico), (Bernama) -- Malaysia’s willingness to share its experiences in developing the Information Communication Technology (ICT), especially its success in developing ICT access to rural and remote areas with others, is being much appreciated by the International Telecommunication Union (ITU).

Its secretary-general, Dr Hamadoun Toure said Malaysia had been a strong partner of ITU especially in the International Multilateral Partnership Against Cyber Threats (IMPACT), the world’s first non-profit comprehensive global public-private partnership against cyber threats which is based in Cyberjaya, Malaysia.
Photo Gallery

The Launch of IMPACT in 2008

Howard Schmidt, Former International Advisory Board Member of IMPACT

Ministry of Communications & IT, Egypt visits IMPACT

The Launch of IMPACT in 2008

Information Technology Authority (ITA) of Oman visits IMPACT

Kaspersky Lab Collaboration with IMPACT

INTERPOL Visits IMPACT in 2009

IMPACT Exchanged Partnership Agreement with Microsoft

IMPACT Exchanged Partnership Agreement with Microsoft
Australian High Commission & Australian Federal Police visits IMPACT

Communications Regulatory Authority (TCRA) of Tanzania visits IMPACT

Ministry of Information and Communications, Kazakhstan visits IMPACT

SANS Training in 2009

Forensics Training in 2009

Commission on Information and Communications Technology (CICT) of Philippines visits IMPACT

Datuk Mohd Noor Amin, Chairman, Management Board, IMPACT, and Dr Hamadoun Touré, ITU Secretary-General during the agreement signing ceremony in 2011

POLYCB Annual Summit in Malaysia
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<th>Acronym</th>
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<tr>
<td>aeCERT</td>
<td>United Arab Emirates Computer Emergency Response Team</td>
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<tr>
<td>APAN</td>
<td>Asia-Pacific Advanced Network</td>
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<td>APT</td>
<td>Asia-Pacific Telecommunity</td>
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<td>APCERT</td>
<td>Asia Pacific Computer Emergency Response Team</td>
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<td>ATAS</td>
<td>Automated Threat Analysis System</td>
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<td>CDL</td>
<td>CyberDefense League</td>
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<td>CIRT</td>
<td>Computer Incident Response Team</td>
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<td>CoE</td>
<td>Centre of Excellence</td>
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<td>COP</td>
<td>Child Online Protection</td>
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<td>CTO</td>
<td>Commonwealth Telecommunications Organisation</td>
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<td>ECTEG</td>
<td>European Cybercrime Training &amp; Education Group</td>
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<td>ESCAPE</td>
<td>Electronically Secure Collaborative Application Platform for Experts</td>
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<td>International Data Corporation</td>
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<td>Abbreviation</td>
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<td>IGF</td>
<td>Internet Governance Forum</td>
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<td>IMPACT Government Security Scorecard</td>
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<td>IQPC</td>
<td>International Quality and Productivity Centre</td>
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<td>Information Technology Authority</td>
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