

# IMPACT

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INTERNATIONAL MULTILATERAL PARTNERSHIP AGAINST CYBER THREATS

## IMPACT – Overview

## Introduction to IMPACT – Characteristics

- **Non-profit organisation** – funded by grants, contributions etc.
- **Focussed on ‘upper end of cyber threats’** – including cyber-terrorism, leakage of confidential information etc.
- **International & multilateral in nature** – i.e. IMPACT is an international institution. It’s members are governments, it’s owner are the global community of member-nations.
- **Public-private partnership** – Private sector & academia are invited as partners to assist member countries secure their IT infrastructure e.g. through partnerships with IMPACT’s Global Response Centre. IMPACT is the platform for cooperation between governments of the world and the international private sector.

## Introduction to IMPACT – Characteristics cont...

- **IMPACT physical facilities:**
  - IMPACT's Global HQ in Cyberjaya, Malaysia houses a world-class centre for cyber-security – construction completed March 20, 2009.
  - State-of-the-art facilities include a Global Response Centre, threat labs & training facilities. These facilities have been designed with the assistance of the world's leading cyber security companies.
- **IMPACT's international secretariat** – IMPACT's secretariat is to be staffed by an international team of personnel. Recruitment is open to all member countries.

## **IMPACT Activities**

- **Global Response Centre**
- **Training & Skills Development**
- **Security Assurance & Research**
- **Centre for Policy & International Co-operation**

## IMPACT Activities – Global Response Centre

- Modelled after the famous Centers for Disease Control & Prevention (CDC) in Atlanta, IMPACT's (GRC) is designed to be the foremost cyber-threat resource centre for the global community.
- The GRC's 'Network Early Warning System' (NEWS) seeks to assist member countries in the early identification of cyber-threats and to provide guidance on the necessary remedial measures.
- Current partners for the GRC include Symantec Corporation, Kaspersky Labs, F-Secure, Trend Micro, Microsoft, SANS Institute among others.

## IMPACT Activities – Global Response Centre

- The GRC's 'Electronically Secure Collaborative Application Platform for Experts' (ESCAPE). ESCAPE is a unique framework that enables authorised cyber experts across different countries to pool resources and remotely collaborate with each other in a secure and trusted environment.
- ESCAPE enables the GRC to act as a 'one-stop' coordination and response centre for countries in times during emergencies, allowing for swift identification and sharing of available resources across borders.

## IMPACT Activities – Training & Skills Development

- IMPACT conducts highly specialised training, seminars etc. for the benefit of member governments.
- IMPACT will also, throughout the calendar year (beginning early 2009), conduct world-class cyber training in the form of specialised seminars, workshops etc.
- IMPACT offers specialised courses in partnership with various organisations such as SANS and EC-Council.

# IMPACT Activities – Security Assurance & Research

- **Security Assurance Division:**
  - IMPACT will work with leading ICT experts to extract and formulate a checklist of some of the relevant global best practices for the purpose of creating an international benchmark that is relevant for governments.
  - Members via IMPACT's Security Assurance Division will have the expertise and resources to conduct independent ICT security audit on government agencies or critical infrastructure companies.



## IMPACT Activities – Security Assurance & Research

- IMPACT, in partnership with Symantec Corporation has established a Centre of Excellence for Government Security Scorecard – the first such centre outside the United States.
- **Research Division:**
  - IMPACT's Research Division focuses on getting partners from academia – including universities and research institutions, to zoom into targeted areas of concern which are not being adequately addressed.
  - IMPACT will make available facilities and the necessary environment to encourage participating research partners to embark on joint research with government in those specific areas of concern.

## IMPACT Activities – Security Assurance & Research

- IMPACT will make available its research network for the benefit of any member country who are interested to participate.
- Besides the academic network, IMPACT Global HQ provides members with access to specialised ICT laboratories, specialised equipment, resource centre and other facilities.

## IMPACT Activities – Centre for Policy & International Co-operation

- Working with partners such as Interpol, Council of Europe, OECD etc., the Centre for Policy & International Co-operation contributes towards formulation of new policies and work towards harmonisation of national laws to tackle a variety of issues relating to cyber threats e.g. cyber crimes.
- Provides advisory services to ITU member-governments on policy and regulatory matters.
- The Centre shall work towards fostering international co-operation through specific programs e.g. co-ordinated cyber-drill exercise between countries etc.

## IMPACT - Updates

1. IMPACT secured a US\$13m initial start-up grant from Malaysian Government. Pledges from other governments and private sector organisations have also been received and will be announced in due course.
2. The International Telecommunication Union ('ITU') declares IMPACT the physical home for its cyber security initiative.
3. At the IMPACT Ministerial Roundtable, ministers & officials from 27 countries affirm support for IMPACT.
4. IMPACT's inaugural World Cyber Security Summit (20-22 May, 2008) received overwhelming response from governments, industry and academia – making it the world's largest ministerial-level gathering on cyber-terrorism.

## IMPACT - Updates

5. Symantec Corporation commits to assist IMPACT in establishing a Security Scorecard Centre of Excellence – the first ever outside USA.
6. World-renowned SANS Institute commits US\$1m to IMPACT for cyber security training of developing countries.
7. EC-Council commits to US\$1m to IMPACT for cyber security trainings.
8. Kaspersky Labs & F-Secure have committed technical expertise in setting-up IMPACT's Early Warning System and Global SOC.

## Partnership with UN/ITU

- **September 3, 2008 (Bangkok, Thailand) :**
  - ITU signs an MoU with IMPACT to operationalise its Global Cybersecurity Agenda (GCA) initiative.
  - IMPACT HQ in Cyberjaya will be the new physical home for ITU's GCA
  - IMPACT confers full-fledged membership to 191 countries
- **November 12-13, 2008 (Geneva, Switzerland):** ITU showcased the Global Response Centre (GRC) to 15 countries
- **December 3-6, 2008 (Hyderabad, India):** IMPACT invited to participate in the Internet Governance Forum (IGF) 2008 by UN
- **Project with ITU:** ITU special facilities in Malaysia.
- **BotNet initiative with ITU:** Malaysia is the test site for ITU's BotNet initiative. IMPACT is helping co-ordinate with various agencies.
- **Special report for ITU:** IMPACT is preparing a special report on cyber-threats

## Other events/Updates

- **February 2009:** IMPACT hosted the HoneyNet Project annual meeting from February 25<sup>th</sup> to February 28<sup>th</sup> 2009
- **March 20, 2009:** IMPACT launched its physical facilities in Cyberjaya. Launch attended by Malaysian PM, DPM and ITU Secretary General
- **WCSS 2009:** IMPACT will be hosting the world's major international organisations – UN, ITU, INTERPOL, EU, APEC etc at WCSS 2009