



IMPACT

INTERNATIONAL MULTILATERAL PARTNERSHIP AGAINST CYBER THREATS

ITU-IMPACT

Regional Cybersecurity Forum - CLMV

Philip Victor (philip.victor@impact-alliance.org)

Director, Policy & International Cooperation

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ITU-IMPACT

Regional & International Cooperation



IMPACT

INTERNATIONAL MULTILATERAL PARTNERSHIP AGAINST CYBER THREATS

ITU-IMPACT

Global Partnership

Industry



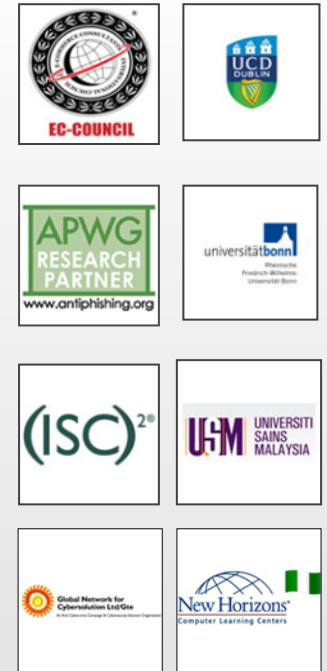
International Organisations



Civil Society



Academia (200+)



IMPACT

INTERNATIONAL MULTILATERAL PARTNERSHIP AGAINST CYBER THREATS

Collaboration With INTERPOL

Cooperation Agreement Between IMPACT-INTERPOL

IMPACT and INTERPOL signs a Cooperation Agreement to exchange information, expertise as well as to enhance both organisations' knowledge base in the field of cybersecurity. The Agreement will also see the cross promotion of capacity building activities aimed at the public and private sector and the civil society, with an objective to curb cyber crimes by protecting the cyber space and orchestrating a safer global community.



Secretary General of INTERPOL, Ronald Noble with IMPACT's Chairman, Datuk Mohd Noor Amin

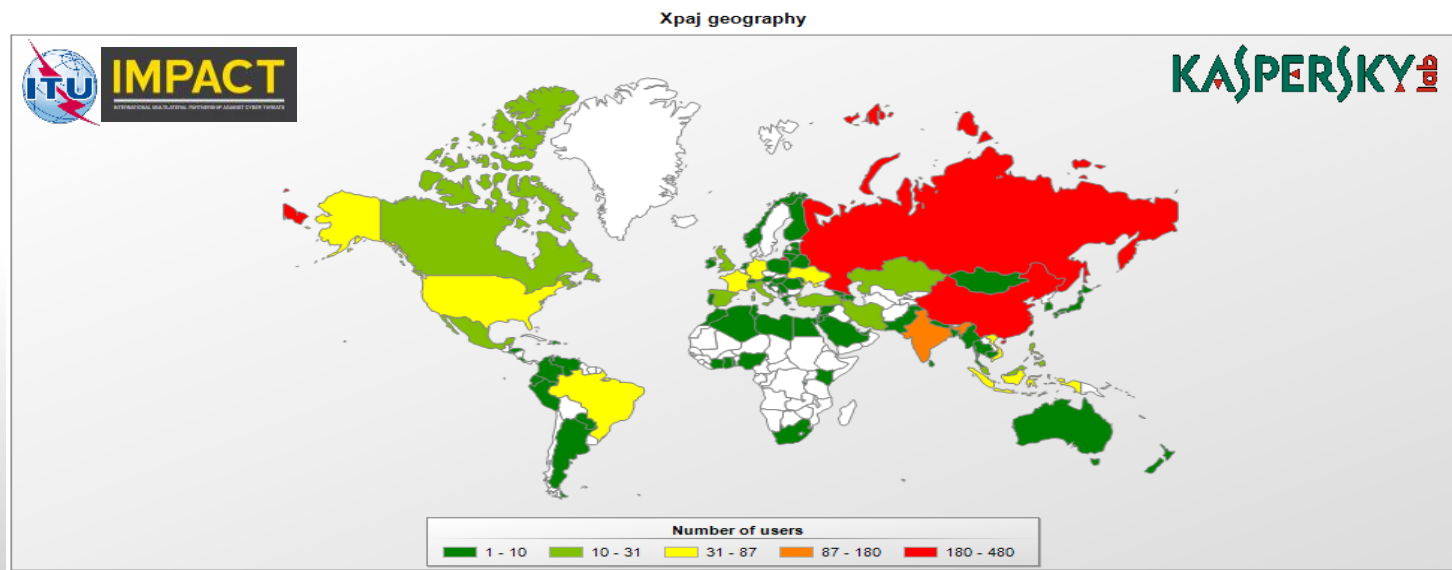


Witnessed by Noburu Nakatani, Executive Director, INTERPOL and Dr Hamadoun Touré, Secretary General of ITU

Collaboration

Cybercrime Investigation

- In July 2011, Kaspersky Lab began deep research/analysis of Xpaj samples from infected customer and multiple reports from all around the world started to arrive
- Kaspersky Lab worked with ITU-IMPACT to investigate this malware and to trace the criminals behind it
- Kaspersky Lab handled the technical side of investigation while ITU-IMPACT assisted at the organisational part and coordination with law enforcement and other relevant stakeholders
- Though the investigation was not able to capture the criminal, we were able to shut down the main C&C servers, subsequently crippling the criminal's activities

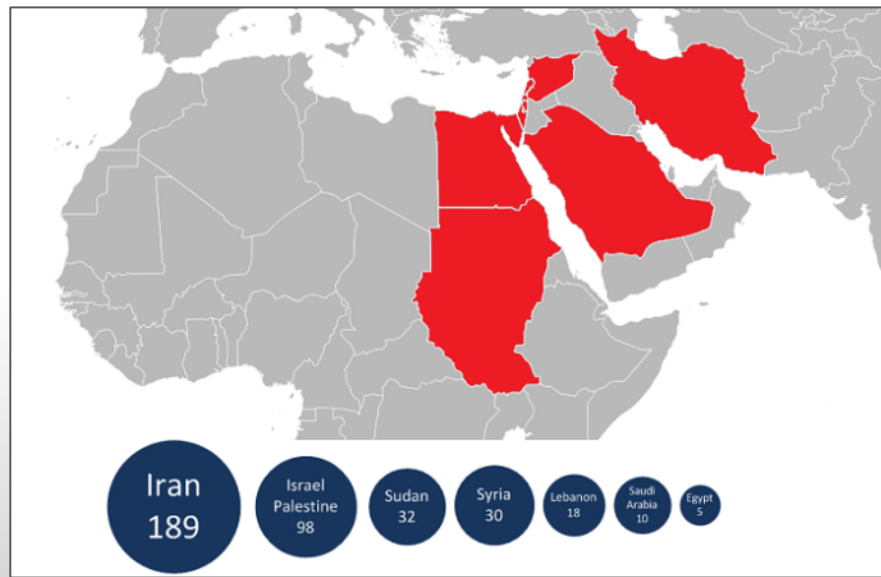


Collaboration

Flame & Gauss Malware

- ITU-IMPACT initiated malware investigations in 2012 with Kaspersky Labs.
- Kaspersky Labs detected the Flame & Gauss malware
- In both the cases above, Kaspersky responded swiftly to develop the removal tool
- ITU-IMPACT immediately made the tool available to all its 145 partner countries globally and this collaboration and effort has helped nations mitigate these attacks that could have potentially cause major disruption any economic losses to these nations

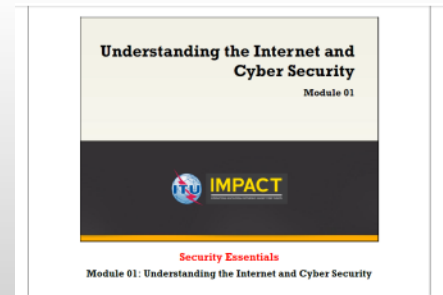
```
if not _params.STD then
  assert(loadstring(config.get("LUA.LIBS.STD"))())
  if not _params.table_ext then
    assert(loadstring(config.get("LUA.LIBS.table_ext"))())
    if not __LIB_FLAME_PROPS_LOADED__ then
      LIB_FLAME_PROPS_LOADED__ = true
      flame_props = {}
      flame_props.FLAME_ID_CONFIG_KEY = "MANAGER.FLAME_ID"
      flame_props.FLAME_TIME_CONFIG_KEY = "TIMER.NUM_OF_SECS"
      flame_props.FLAME_LOG_PERCENTAGE = "LEAK.LOG_PERCENTAGE"
      flame_props.FLAME_VERSION_CONFIG_KEY = "MANAGER.FLAME_VERSION"
      flame_props.SUCCESSFUL_INTERNET_TIMES_CONFIG = "GATOR.INTERNET_CHR"
      flame_props.INTERNET_CHECK_KEY = "CONNECTION_TIME"
      flame_props.BPS_CONFIG = "GATOR.LEAK.BANDWIDTH_CALCULATOR.BPS_QUEUE"
      flame_props.BPS_KEY = "BPS"
      flame_props.PROXY_SERVER_KEY = "GATOR.PROXY_DATA.PROXY_SERVER"
      flame_props.getFlameId = function()
        if config.hasKey(flame_props.FLAME_ID_CONFIG_KEY) then
          local l_1_0 = config.get
          local l_1_1 = flame_props.FLAME_ID_CONFIG_KEY
          return l_1_0(l_1_1)
        end
      end
      return nil
    end
  end
end
```



Collaboration

ITU-IMPACT Security Essentials

- ITU-IMPACT embarked on a project to develop a basic information security programme to make it affordable and covers the main Internet users such as teenagers and young adults.
- Objectives include:
 - To **make available** an awareness programme that targets end-users of ICT devices that is currently not available
 - To **address target groups that are inadequately being addressed** such as teens and young adults
 - To provide a **cost-effective and low price** training programme that can be made available on a global scale with particular attention to developing economies and the Least Developed Nations (LDC)
 - To provide a **comprehensive** yet concise programme that covers leading computing platforms
 - To incorporate a comprehensive **examination/certification** process to measure level of awareness globally among Internet users.
- Security Essentials has been developed in collaboration with our partner, EC-Council and is currently in the beta testing stage.



ITU Regional Cybersecurity Centre

Oman-ITU-IMPACT Initiative

- To further enhance nations' capacity and capability in cybersecurity, the setting up of regional centres will help to provide a more concerted and regional efforts in this endeavour
- Objectives of the regional centre:
 - **Localise ITU-IMPACT's cybersecurity services** in the various regions. Through localisation, services will be able to be delivered based on regional language, culture and issues.
 - Enhance cybersecurity capacity and capabilities through **regional collaborations and cooperation.**
 - Encourage **deeper information sharing via ITU-IMPACT's ESCAPE** (Electronically Secured Collaborative Application Platform for Experts) platform within regions
- March 2013 - The 1st regional centre was launched in Oman for the Arab region covering 22 nations. Oman is represented by the Information Technology Authority (ITA) and Oman CERT (OCERT)



- ITU-IMPACT
Cyber Drill -
Enhancing
Regional &
International
Cooperation



Thank you

 www.facebook.com/impactalliance



IMPACT
Jalan IMPACT
63000 Cyberjaya
Malaysia

T +60 (3) 8313 2020
F +60 (3) 8319 2020
E contactus@impact-alliance.org
impact-alliance.org

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