Investigation & Prevention Experience (Fighting Cyber Crime)

CID INDONESIAN NATIONAL POLICE
DIRECTORATE ECONOMIC & SPECIAL CRIME
IT & CYBER CRIME SECTION
### IT revolution (from real world to the cyber space)

<table>
<thead>
<tr>
<th>Real World Era</th>
<th>Cyber Space Era</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hunting, agriculture, industry</td>
<td>Information Era</td>
</tr>
<tr>
<td>Nationality</td>
<td>The end of the State</td>
</tr>
<tr>
<td>Conventional Crime</td>
<td>Cyber Crime</td>
</tr>
<tr>
<td>Physical</td>
<td>Cyber Space</td>
</tr>
<tr>
<td>Countries</td>
<td>One state</td>
</tr>
<tr>
<td>Border</td>
<td>Borderless</td>
</tr>
<tr>
<td>Paper</td>
<td>Paperless</td>
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<tr>
<td>Face to face</td>
<td>Virtual</td>
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</tbody>
</table>
Cyber Crime

- Computer crime; is crime associated with the system or in other words that the target of computer crime is to damage the system.
- Computer related crime; is crime committed by use and exploit information technology.
Resource on Fighting Cyber Crime

- Law
- Man
- Method
- Other
Law

• Information and Transaction Act; year 2008
• Penal Code
• Other Law
• Formal Law
Man

- Experienced
- Well Educated
- Understanding of Information Technology
- Insightful
- Others
Method

- Online investigation
- Traditional investigation
- Digital Forensic
- Shaman
- Others
Online Investigation
(Purpose)

• IP Address
• Internet Service Provider
• Internet Café
• Proxy
• Free Wifi
• Fake Profile
• Fake Account
• Networking
• Others

Is it enough?
Traditional Investigation (Thinking)

- Pattern of Crime
- Causality Aspect
- Undercover Buy
- Control Delivery
- Contra Fishing
- Networking
- Others

Helpfully
Digital Forensic (Analysis)

- admissible;
- authentic;
- complete;
- reliable;
- believable;

Evidence
Shaman ???

Luck

Ketik:
REG<spasi>DUKUN
Others
(Deterrence issue)

• People education
• Habit; think before click, don’t trust anybody at cyber space
• Blocking Websites
• Safety Internet;
http://trustpositif.kominfo.go.id
Barriers to disclosure cases

- ID Issue
- IP Proxy Issue
- Anti Forensic Issue
- Know You Customer Issue
- Regulation Related Telecommunication
- Internet Café
- Internet Service Providers
- Public Issue
- Email Spam issue
- HR Issue
- Etc
Sample successes, disclosure of criminal cases

- Deface www.polri.go.id
- Cracking
- Email Hijack (Cyber Threat)
- Cyber Harassment
- Data/Information Theft
- Online Child Pornography
- Cyber Fraud
- Int’L Telecommunication Fraud
- Online Gambling
- etc

From July 2011 to July 2012 has been submitted to the court, 45 criminals online including 6 Nigerian Schemes, and more than 200 online fraudsters deported to China & Taiwan
Terimakasih