

Fighting against a Big Monster: Cybercrime



- 1 Dark Side of IT Power**
- 2 Cybercrime Investigation Department(CID)**
- 3 Network among Government Agencies**
- 4 Investigation Skills : Powerful Weapon**
- 5 International Cooperation**

Benefits of Cyberspace : Age of Ubiquitous

Internet



Smartphone



SNS

1. Dark Side of IT Power



Dark side of IT Power : Cybercrime

Hacking



E-crime?



Smishing

Connected to Every
Crime Everywhere

CID under Supreme Prosecutors' Office



Supreme Prosecutors' Office



Cybercrime Investigation Department



- Effective response to “major” cybercrimes
- Support investigations for regional prosecutors' offices

2. Cybercrime Investigation Department



[Manage Malware Analysis System]

Systematically collect the malware code

Correlative Analysis & Tracking



[Investigation & Support]

Support cybercrime investigation
for field offices

2. Cybercrime Investigation Department



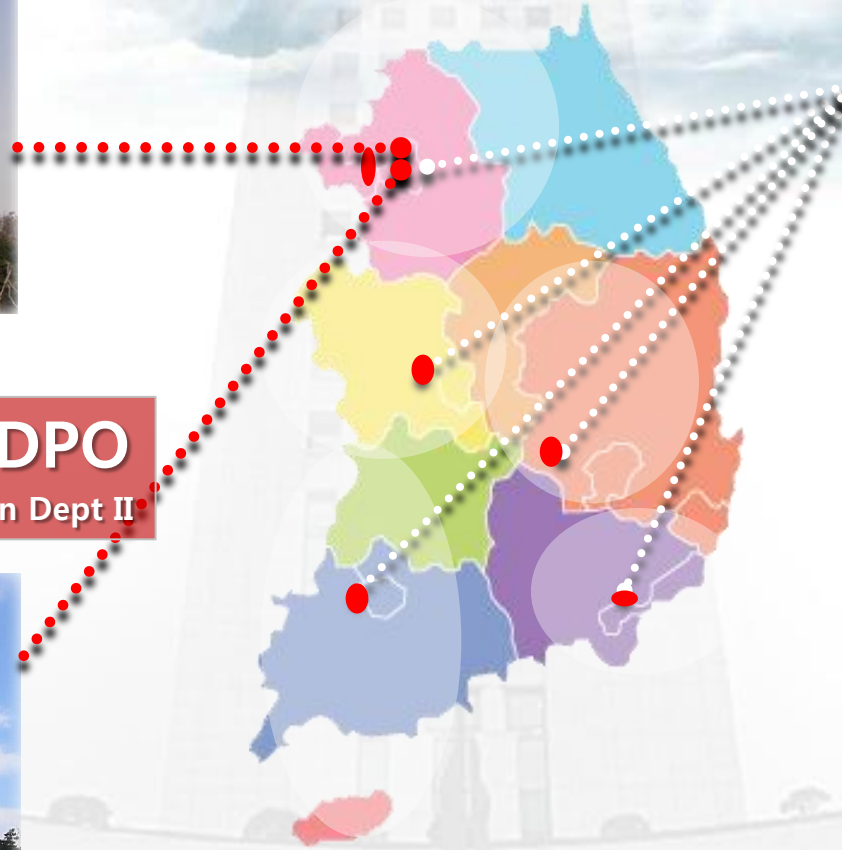
SPO / CID



Seoul Central DPO
High Tech Crime Investigation Dept II



Regional Offices



61 specialized prosecutors over the nation

3. Network among Government Agencies



[Wide Range of Network]

Consultative group consisting of 44 government agencies and public & private institutions



Investigation Skills

- IP tracing
- Cellphone Call Records and Phone Call Location Analysis,
- Digital Forensic (National Digital Forensic Center, NDFC)
- “IDEAS”(an big data analysis system) Utilization
- Search and Seizure
- Bank Record
- Various Kinds of Computer Analysis Tool

5. International Cooperation



Major Case

- **DDos Attack(Hacking)**
- **APT(Advanced Persistent Threat)**
 - ☞ evolved hacking method, complex technical knowledge needed to both criminals and prosecutors
 - ☞ multiple jurisdiction

International Smishing Organization Case

- Korea, China, Japan were involved
- Used International Cooperation in Criminal Justice between Korea and China

Thank You

Office of Cybercrime Investigation

