



THREATS TO DATA PRIVACY



Atty. Francis Euston Acero
Complaints and Investigations Division
National Privacy Commission

A. THREAT ACTORS



Questions that need to be addressed:

- ◆ Who wants to access our data?
- ◆ Who has the ability to pass data?
- ◆ Why do they want our data?



Cause-Oriented Actors:

- ◆ State-Sponsored Actors



Hacktivists/Cause-Oriented Actors

- ◆ Difficult to trace
- ◆ Inexpensive way to promote political agenda



- ◆ Divided between:

1. Media Hacking (perception of political support); and
2. Reality Hacking (attack form of political expression).



Fraud-Oriented Actors/ Commercial Actors

◆ Identity Thieves

1. Wide array of applications for false identities
2. Weak institutions and security protocols facilitate commission
3. Thriving industry of false documents (Recto)



◆ Personal Data Marketers

1. Generation of marketing leads for sale without consent of data subjects.
2. Combined with other data, capable of wide application

B. THREAT VECTORS



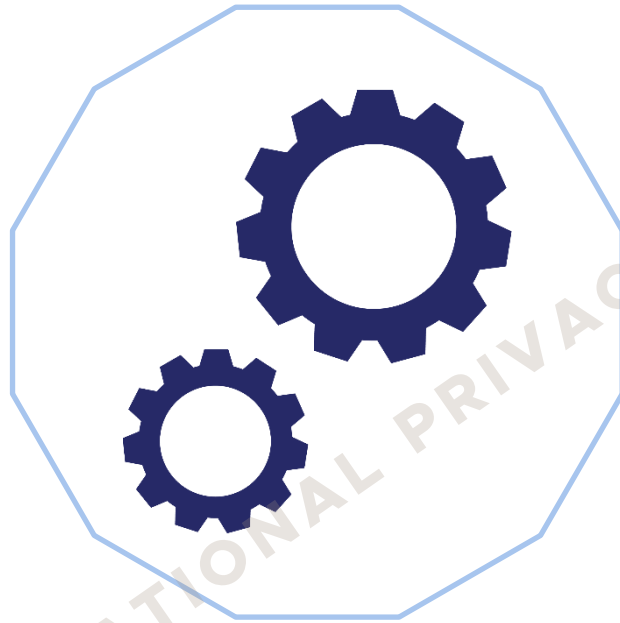
Organizational threats

- ◆ Insider Access
- ◆ Insufficient Backup and Recovery
- ◆ Social Media/ Engineering



Physical Threats

- ◆ Improper Destruction
- ◆ Lack of a Physical Security System
- ◆ Physical Theft



Technical Threats

- ◆ Removable Storage Media/ Peripherals
- ◆ Non-Existent Security Architecture
- ◆ Zero-Day Attacks



PRIVACY.GOV.PH

facebook.com/privacy.gov.ph

twitter.com/privacyph

info@privacy.gov.ph



**NATIONAL
PRIVACY
COMMISSION**

