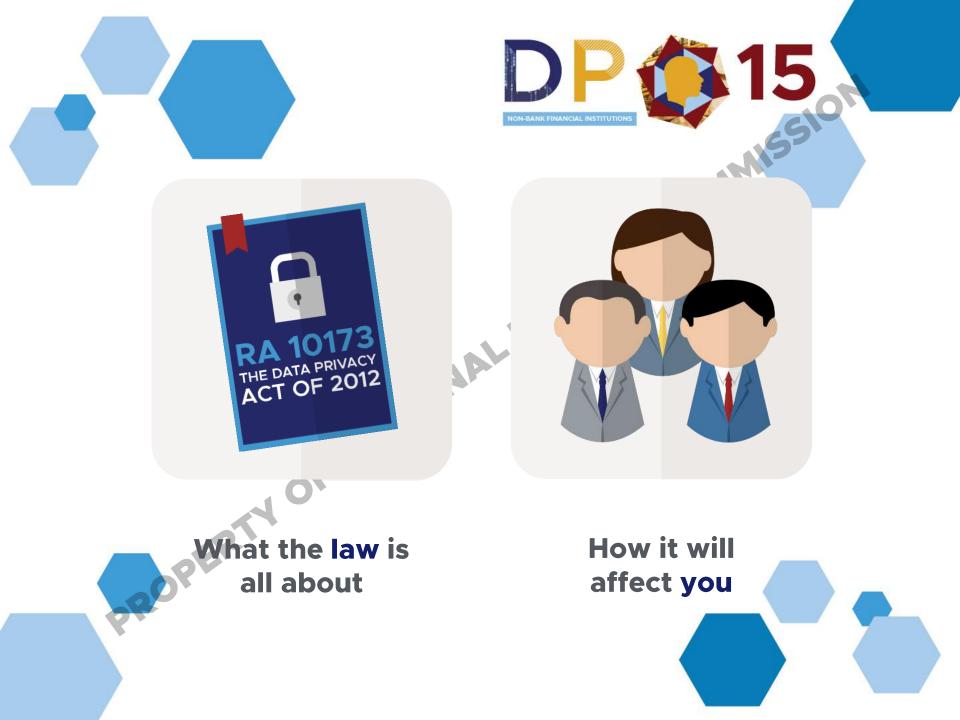
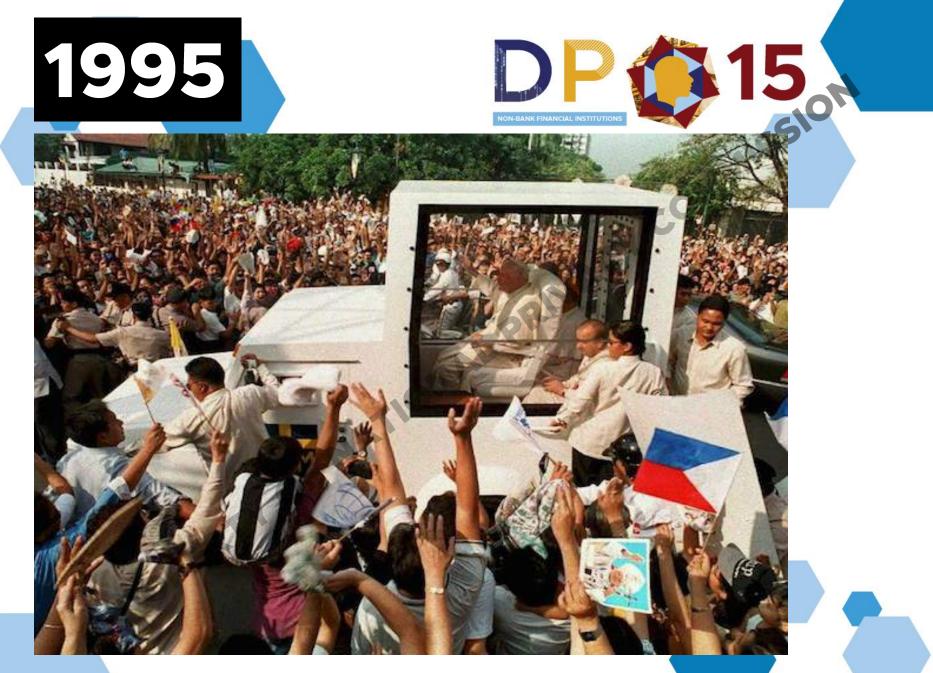
Overview of the Data Privacy Act of 2012 National Privacy Commission



Leandro Angelo Y. Aguirre Deputy Privacy Commissioner 20 February 2018





Picture from http://www.rappler.com/specials/pope-francis-ph/80492-pope-john-paulassassination-plot







Picture from http://dzrhnews.com.ph/pope-silent-uponhearing-stories-yolanda-victims/

DATA IS THE NEW OIL OF THE DIGITAL ECONOMY

111

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valuable-brands-2017-vs-2012-forbes.jpg





1998: Yahoo refuses to buy Google for \$1 million.
2002: Yahoo realizes its mistake and tries to buy
Google for \$3 billion. Google says "Give us
\$5 billion", Yahoo says no.

2008: Yahoo refuses to be sold to Microsoft for \$40 billion dollars.

2016: Yahoo sold for \$4.6 billion to Verizon.





Life is short. Have an affair.®

Get started by telling us your relationship status:

D	lease	Sal	loct
	lease	SE	IELL

See Your Matches »

Over 37,565,000 anonymous members!





As seen on: Hannity, Howard Stern, TIME, BusinessWeek, Sports Illustrated, Maxim, USA Today

Ashley Madison is the world's leading married dating service for discreet encounters



Trusted Security Award





Over 39,470,000 anonymous members!

ASHLEY ASHLEY MADISON® Life is short. Have an affair.®

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10NV

Please Select

Over

See



Ashley Madison

Ashley Madison let off with \$1.66m fine over huge hack

Customers receive nothing from settlement with US Federal Trade Commission. which decided owner Ruby Corp was unable to pay full \$17.5m penalty



60 < 55 Reuters in Toronto

Trunday '6 December 2016 01:40 GMT



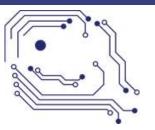
(2) Regulators suspended most of Ashiey Machanes (37.5% free because they were not 'sseking to put a company act of business'. Photograph. Philope Log 46,449,455 (images)

The owner of hacked incidelity website Ashley Madison will pay a sharply discounted \$1.66m penalty to settle US investigations into lax data security and deceptive practices.

The semainder of a \$17.5m settlement was suspended based on privately held Ruby Corp's inability to pay.

"I recognise that it was a far lower number frankly than I would have liked," said Federal Trade Commission chairwoman Edith Ramirez. "We want them to feel the pain. We don't want them to profit from unlawful conduct. At the same time we are not going to seek to put a company out of business."

The size of the payment means Ashley Madison's customers will not receive any



Uber paid hackers \$100,000 after they stole data on 57 million users UBER

by Selena Larson @selenalarson

Cyber-Safe



Ashley Madison let off with \$1.66m fine over huge hack ASHLEY MADISON

CVS Pays \$2.25 Million in Record HIPAA Settlement **CVS**pharmacy

Posted on February 20, 2009

Home Depot breach totals: 56 million credit cards exposed, \$62 million in losses

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Yahoo Says 1 Billion User Accounts Were Hacked

By VINDU GOEL and NICOLE PERLEOTH DEC. 11, 2016

YAHOO!

55M at risk in 'Comeleak'

inteo - Reporter / givantastinalNQ Palasmo Daty Insuror / 12:44 AM April 21, 20%

News titles from NPC DPO Summit Presentations

Target Data Breach Has Cost Banks \$240M So Far 🧿

Will Walgreens' \$1.44M HIPAA Privacy Breach Case Set Legal Precedent?

BOEING NOTIFIES 36,000 EMPLOYEES FOLLOWING BREACH

by Chris Brook

BOEING

01000100001

NATIONAL PRIVACY OMMISSION No Business Wants a Data Breach

Impact of data breaches on businesses:

Loss of reputation
Loss of market share
Legal liabilities



RESILIENCE & THE FILIPINO SPIRIT





RESILIENCE & THE FILIPINO SPIRIT



CN CC

May 27, 2010

REPUBLIC ACT NO. 10121

AN ACT STRENGTHENING THE PHILIPPINE DISASTER RISK REDUCTION AND MANAGEMENT SYSTEM, PROVIDING FOR THE NATIONAL DISASTER RISK REDUCTION AND MANAGEMENT FRAMEWORK AND INSTITUTIONALIZING THE NATIONAL DISASTER RISK REDUCTION AND MANAGEMENT PLAN, APPROPRIATING FUNDS THEREFOR AND FOR OTHER PURPOSES

SECTION 1. *Title.* — This Act shall be known as the "Philippine Disaster Risk Reduction and Management Act of 2010".

SECTION 2. Declaration of Policy. - It shall be the policy of the State

to:

(a)Uphold the people's constitutional rights to life and property by addressing the root causes of vulnerabilities to disasters, strengthening the country's institutional capacity for disaster risk reduction and management and building the resilience of local communities to disasters including climate change impacts;

RESILIENCE & THE FILIPINO SPIRIT





Resilience



commission Resilience rı'zılıəns/ noun -1.the capacity to recover

quickly from difficulties;

5

toughness.

-adapt well to change

-keep going in the face of

adversity

21st Century Hazards and Risks

20.41.50.604



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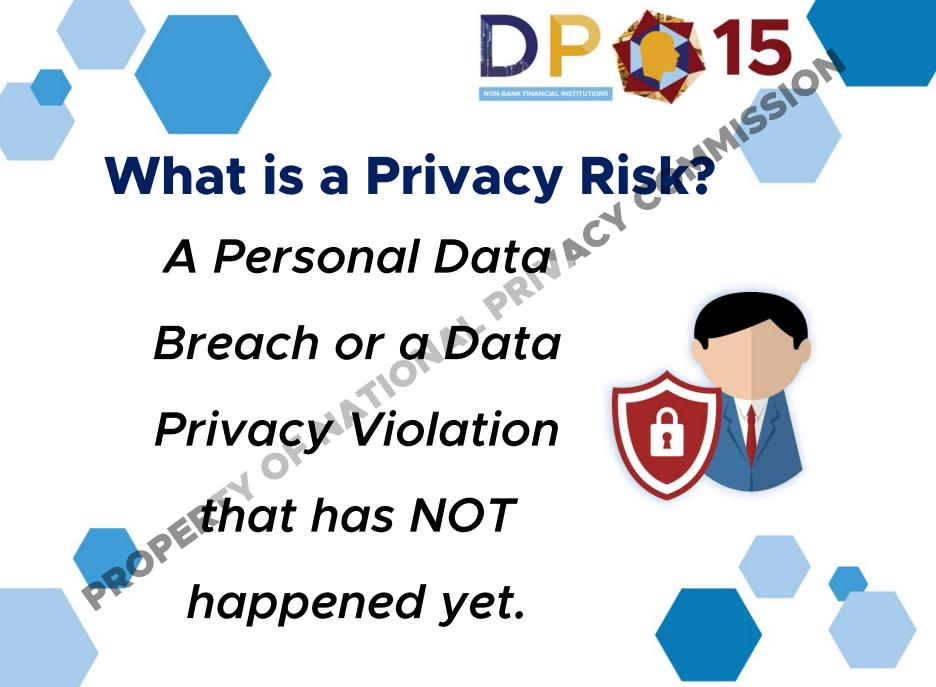
CA COMMISSION NORSE Norse - Superior Attack Intelligence We contain the world's largest deduced flowr sort processes. Will were right collicul resourcher. mainte even via theoremi application - lines Apple lightpi, to ATM multimet, to atlical influstrative system, to clearly circuit TV canastral - the Norte herelligence Network petition fatta on who the structure no and what they're offer. Norte delivers that due through the Norte Appliance, which pro-emptively biologic attacks and argeness tone or and i manify ROL and the News Multipears farries, which percebut professional sension threat monitoring for large outworks. LIVE ATTACKS TIMESTAMP ATTACKER IF ATTACKER GEO TARGET GED ATTACK TYPE 408/20.778 Philippine Long Distance Telephone 20:41:52.883 Paramaque. Lynnwood, 122.3.47.120 23 Company PH US 20:41:52.498 204152651 207.46.100.251 Redmond, US De Kalb Junctio...smtp 15:05:41.557 Philippine Long Distance Telephone 20 4151 788 122.54.132.220 Makati, PH Dubai, AE 23 Congany 2041-51 592 Mic 65.55.169.250 Washington, US De Kalb Junctio...smtp 2041:51.417 15:05:02.333 Philippine Long Distance Telephone Parashipse, Lyngwood, 2041-51.053 Microsoft Corr 122 3.47.120 23 Company PH. CIS. Purdue University 2041-50732 macrosom-a

182.180.160.97 Lahore, PK

The Data Privacy Act of 2012



Photo from Norse Website Real-time Cyber Attacks



What is Privacy Resilience:

A Personal Data Breach or a Data Privacy Violation that was prevented.

A breach and privacy disaster that did not happen.

Disaster



Resilience



Risk management approach | Prevention and mitigation | Building the culture of data privacy and protection

Ε

OMMISSIONER

Dh

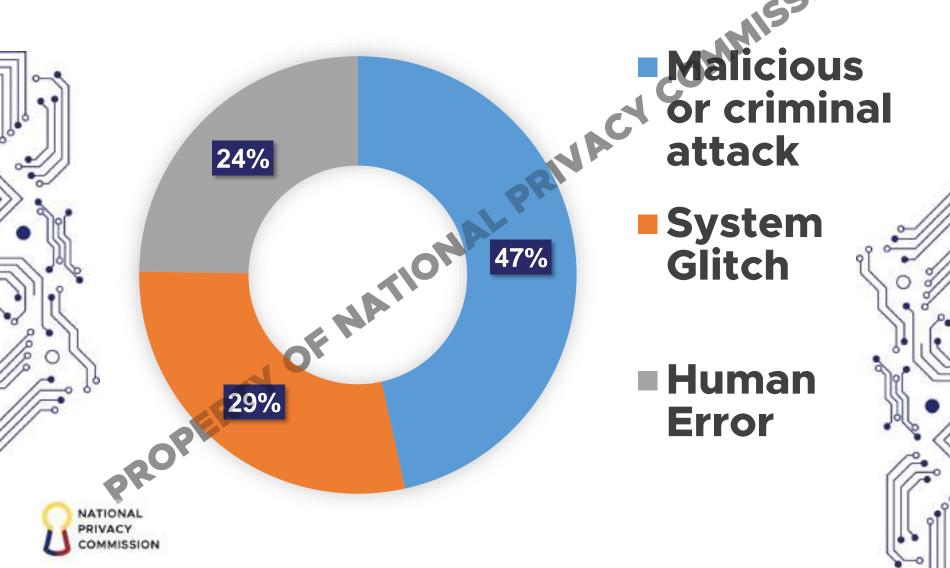
NATIONAL PRIVACY COMMISSION

Confidentiality Accountability **Availability** Assurance Integrity • Personal **Operational** Information Compliance PILIPINAS PRIVACY Compliance COMMISSIC (culture of privacy) **Demonstrable** Compliance

Data Privacy

Data Protection

ROOT CAUSES OF BREACH



Ponemon Institute LLC, 2015 Cost of Data Breach Study: Global Analysis, I

HOW DO PRIVACY BREACHES OCCUR?

- lost or stolen laptops, removable storage devices, or paper records containing personal information
 - **hard disk drives and other digital storage** media (integrated in other devices, for example, multifunction printers, or otherwise) being disposed of or returned to equipment lessors without the contents first being erased

databases containing personal information being 'hacked' into or otherwise illegally accessed by individuals outside of the agency or organization

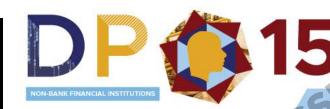


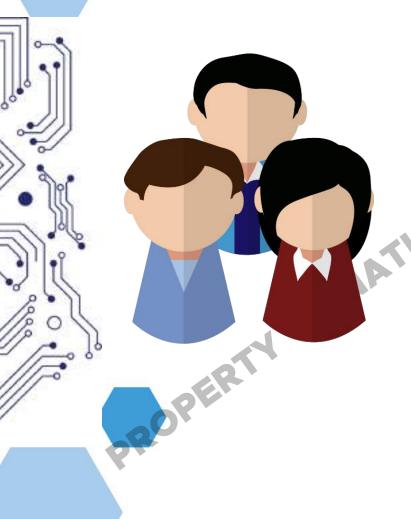
HOW DO PRIVACY BREACHES OCCUR?

- <u>employees accessing</u> or disclosing personal information outside the requirements or authorization of their employment
- paper records stolen from insecure recycling or garbage bins
- an agency or organization mistakenly providing personal information to the wrong person, for example by sending details out to the wrong address, and
- an individual deceiving an agency or organization into improperly releasing the personal information of another person.



DATA PRIVACY RELATED DIFFICULTIES





- Customer database breaches
- Company's lack of adequate policies to protect customer
 information
- Payment card security breaches
- Customer profiling leading to

transparency concerns

PROCESSING PERSONAL INFORMATION CAN CREATE PROBLEMS FOR INDIVIDUALS



- Loss of trust
- Loss of self-determination
 - Loss of autonomy
 - Loss of liberty
 - Exclusion
 - Physical harm
- Discrimination
 - Stigmatization
 - Power imbalance
- Economic loss



STRUCTURE OF RA 10173



Sections 1-6. Definitions and General Provisions

Sections 7-10.

The National Privacy Commission RA 10173 THE DATA PRIVACY ACT OF 2012 Sections 25-37. Penalties

> Sections 22-24. Provisions Specific to Government

Sections 11-21.

Rights of Data Subjects, and Obligations of Personal Information Controllers and Processors AN

AN introduction commuse TO THE PRIMA Data Privacy Act

OF 2012



FULL TITLE

con An act protecting individual personal information in information and communications systems in the government and the private sector, creating for this purpose a National Privacy Commission, and for other purposes





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Where is privacy in all of these?

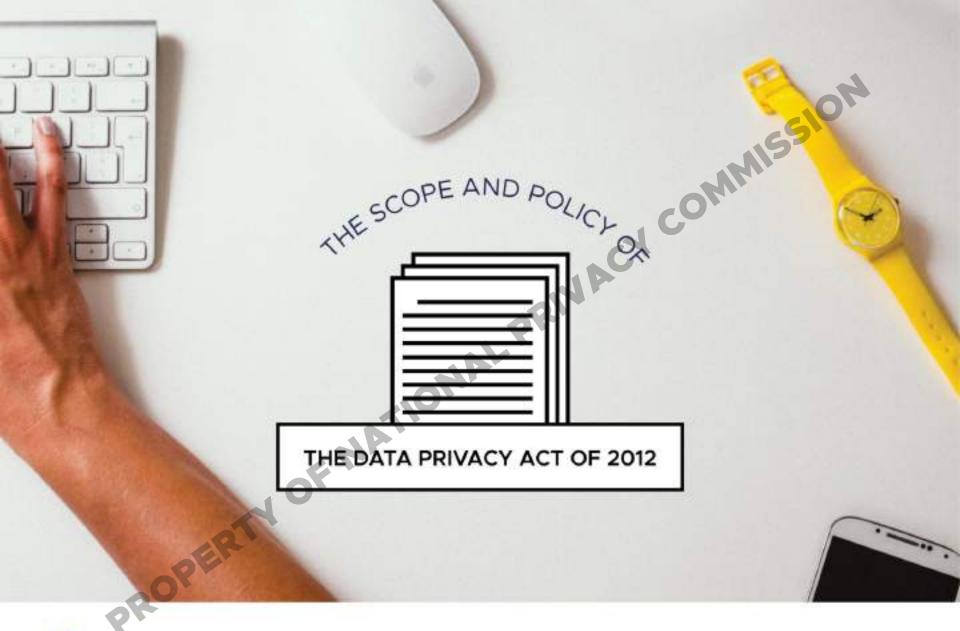
NULL TITLE

The law upholds the right to privacy by protecting individual personal information.

The National Privacy Commission protects individual personal information by *regulating the processing of personal information*









The Privacy Ecosystem

The Data Subject REGULATORS The NPC

Personal Information Controllers & Processors

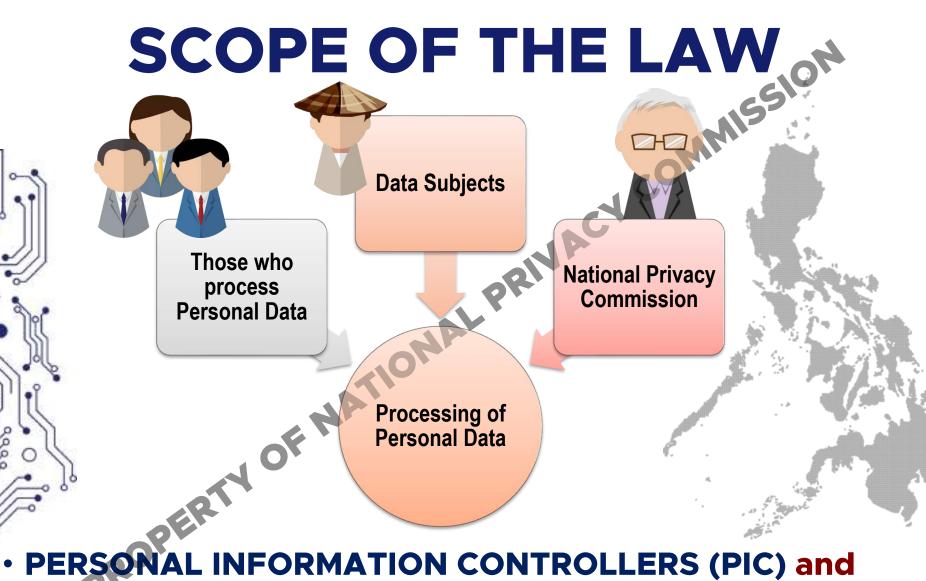
NATIONAL PRIVACY COMMISSION





SEC. 4. Applies to the processing of all types of personal information, in the country and even abroad, subject to certain qualifications.

 SEC. 15. Personal information controllers may invoke the principle of privileged communication over privileged information that they lawfully control or process.



PERSONAL INFORMATION PROCESSORS (PIP) PROCESSING PERSONAL DATA of DATA SUBJECTS

PROCESSING

Any operation of any set of operations performed upon personal data including, but not limited to, the collection, recording, organization, storage, updating or modification, retrieval, consultation, use, consolidation, blocking, erasure or destruction of data.



PERSONAL INFORMATION CONTROLLER

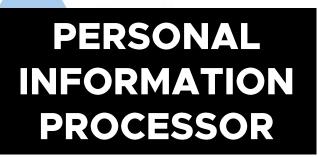


Refers to a natural or juridical person, or any other body who **controls the processing of personal data**, or instructs another to process personal data on its behalf.

It excludes:

- A natural or juridical person, or any other body, who performs such functions as instructed by another person or organization; or
- A natural person who processes personal data in connection with his or her personal, family, or household affairs;







Refers to any natural or juridical person or any other body to whom a personal information controller may **outsource or instruct the processing of personal data** pertaining to a data subject.



OBLIGATIONS OF A PERSONAL INFORMATION CONTROLLER



The PIC should collect personal information for specified and legitimate purposes determined and declared before, or as soon as reasonably practicable after collection

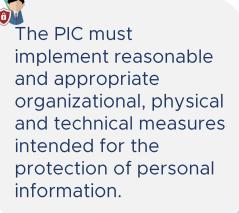


The PIC should process personal information fairly and lawfully, and in accordance with the rights of a data subject.

The PIC should process accurate, relevant and up to date personal information.

The PIC should collect and process personal information adequately and not excessively.

The PIC should retain personal information only for as long as necessary for the fulfillment of the purposes for which the data was obtained. The information should be kept in a form which permits identification of data subjects for no longer than is necessary.







CN CON

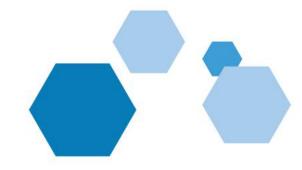
An individual whose personal, sensitive personal or privileged information is processed.

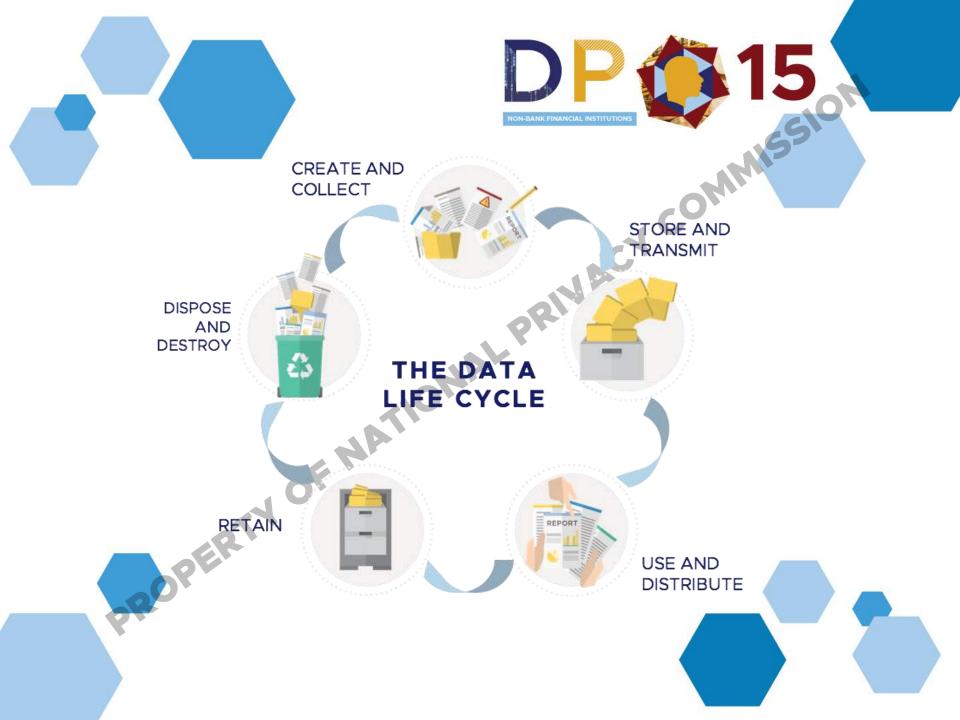
RIGHTS OF A DATA SUBJECT



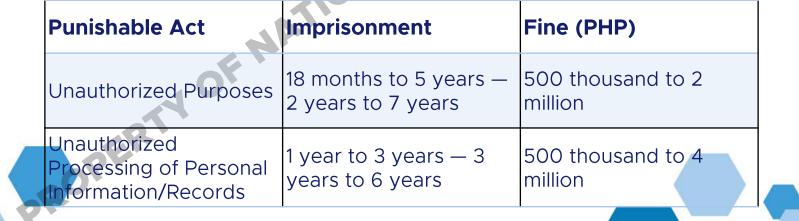


- 1. Right to be Informed
- 2. Right to Access
- 3. Right to Object
- 4. Right to Rectification
- 5. Right to Erasure or Blocking
- 6. Right to Damages
- 7. Right to Data Portability
- 8. Right to File A Complaint









II. STORE AND TRANSMIT

Î



Punishable Act	Imprisonment	Fine (PHP)	
Accessing of Personal Information and Sensitive Personal Information due to Negligence	1 year to 3 years — 3 years to 6 years	500 thousand to 4 million	
Intentional Breach	1 year to 3 years	500 thousand to 2 million	
Malicious Disclosure	18 months to 5 years	500 thousand to 1 million	
Unauthorized Disclosure	1 year to 3 years — 3 years to 5 years	500 thousand to 2 million	

III. USE AND DISTRIBUTE





Punishable Act	Imprisonment	Fine (PHP)		
Unauthorized Processing of Personal Information and Sensitive Personal Information	1 year to 3 years — 3 years to 6 years	500 thousand to 4 million		
Unauthorized Purposes	18 months to 5 years $-$ 2 years to 7 years	500 thousand to 2 million		
Intentional Breach	1 year to 3 years	500 thousand to 2 million		
Concealing Breach	18 months to 5 years	500 thousand to 1 million		
Malicious Disclosure	18 months to 5 years	500 thousand to 1 million		
Unauthorized Disclosure	1 year to 3 years — 3 years to 5 years	500 thousand to 2 million		



15







Punishable Act	Imprisonment	Fine (PHP)			
Access due to Negligence of Records	1 year to 3 years — 3 years to 6 years	500 thousand to 4 million			
Malicious Disclosure	18 months to 5 years	500 thousand to 1 million			
Unauthorized Disclosure	1 year to 3 years — 3 years to 5 years	500 thousand to 1 million			

V. DISPOSE AND DESTROY



Punishable Act	Imprisonment	Fine (PHP)		
Improper Disposal of Records	6 months 2 years — 1 year to 3 years	100 thousand to 1 million		
Access due to Negligence	1 year to 3 years — 3 years to 6 years	500 thousand to 4 million		
Concealing Breach	18 months to 5 years	500 thousand to 1 million		

DATA PRIVACY PRINCIPLES



TRANSPARENCY



LEGITIMATE PURPOSE





TRANSPARENCY

Principle of Transparency

A data subject must be aware of the nature, purpose, and extent of the processing of his or her personal data, including the risks and safeguards involved, the identity of personal information controller, his or her rights as a data subject, and how these can be exercised. Any information and communication relating to the processing of personal data should be easy to access and understand, using clear and plain language.

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Consent of miles the date subject

refers to any freely given, specific, informed indication of will, whereby the data subject agrees to the collection and processing of personal information about and/or relating to him or her. Consent shall be evidenced by written, electronic or recorded means. It may also be given on behalf of the data subject by an agent specifically authorized by the data subject to do so.



LEGITIMATE PURPOSE

The processing of information shall be compatible with a declared and specified purpose, which must not be contrary to law, morals, or public policy.

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PROPORTIONALITY

The processing of information shall be <u>adequate</u>, relevant, suitable, necessary, and not excessive in relation to a declared and specified purpose. Personal data shall be processed only if the purpose of the processing could not reasonably be fulfilled by other means.

"PROPORTIONALITY"



- 6pcs 2x2 PICTURE
- · 4pcs 1x1 PICTURE (WHOLE BODY
- · 3 VALID ID'S
- · BRGY. CLEARANCE
- NBI CLEARANCE
- . MAYORS PERMIT
- · MEDICAL
- · CEDULA
- . BIRTH ACATIFICATE (NSO)
- SSSANN
- . CO-MAKER
- * X-RAY (WHOLEBODY)
- · POLICE CLEARANCE
- . PROOF OF BILLING

• FORM 137

PRIVACY COMMISSION



Ninja Pepe

Like This Page · February 8 · Edited · @

Rule XI. Registration and Compliance Requirements



Section 46. Enforcement of the Data Privacy Act.

Pursuant to the mandate... to administer and implement the Act, and to ensure the compliance... the Commission requires the following:

a. Registration of personal data processing systems... of at least one thousand (1,000) individuals...

b. Notification of automated processing operations... that would significantly affect the data subject;

c. Annual Report of the summary of security incidents...



NATIONAL PRIVACY COMMISSION d. Compliance with other requirements that may be provided in other issuances of the Commission



Pillars commence

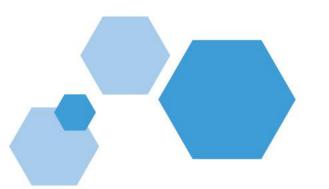




The NPC's 5 Pillars of Accountability and Compliance





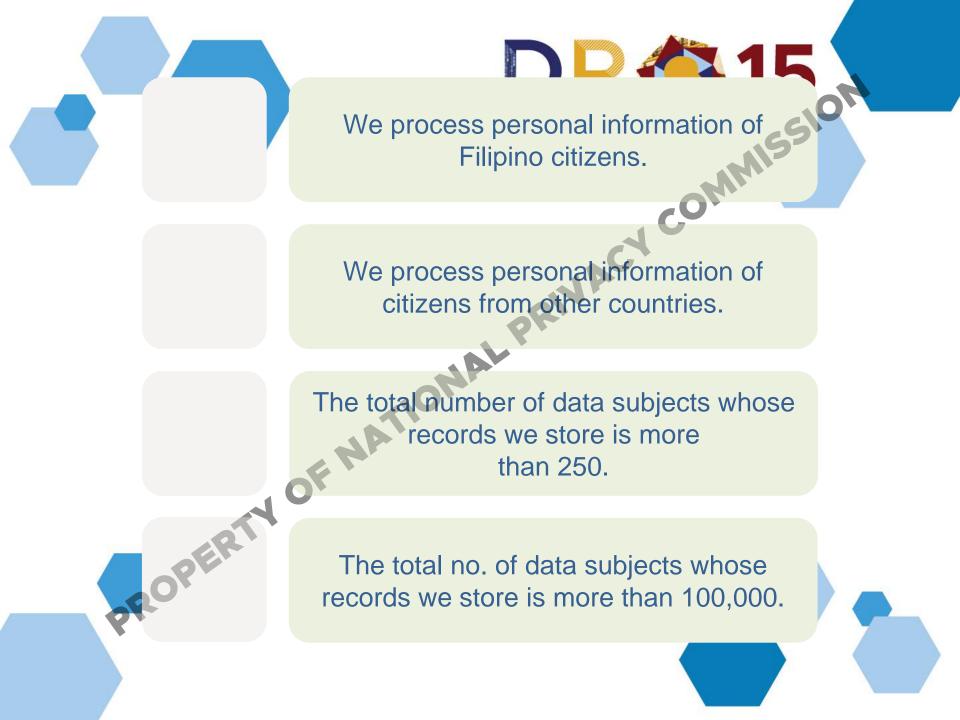


DER



INSTRUCTIONS:

Take a blank sheet of paper and number it from 1 to 20. For each item, write T if true, F for false, and D if you do not know.



The total number of employees in our organization is more than 1,000.

We process personal information that is classified as "sensitive" by RA 10173.

We issue unique identification numbers or documents such as passport, license, membership card.

We process personal information on paper and other analog media such as microfilm or microfiche.



As of today, our organization has no privacy or data protection policies.

The personal information we keep is accessed by other companies/agencies.

The personal information we keep is accessed from other parts of the world.

The personal information we keep must be accessible 24 hours a day, 7 days a week. There is a sub-second response time requirement for access to the personal information we keep.

The number of people who have access to the personal information we keep is more than 50.

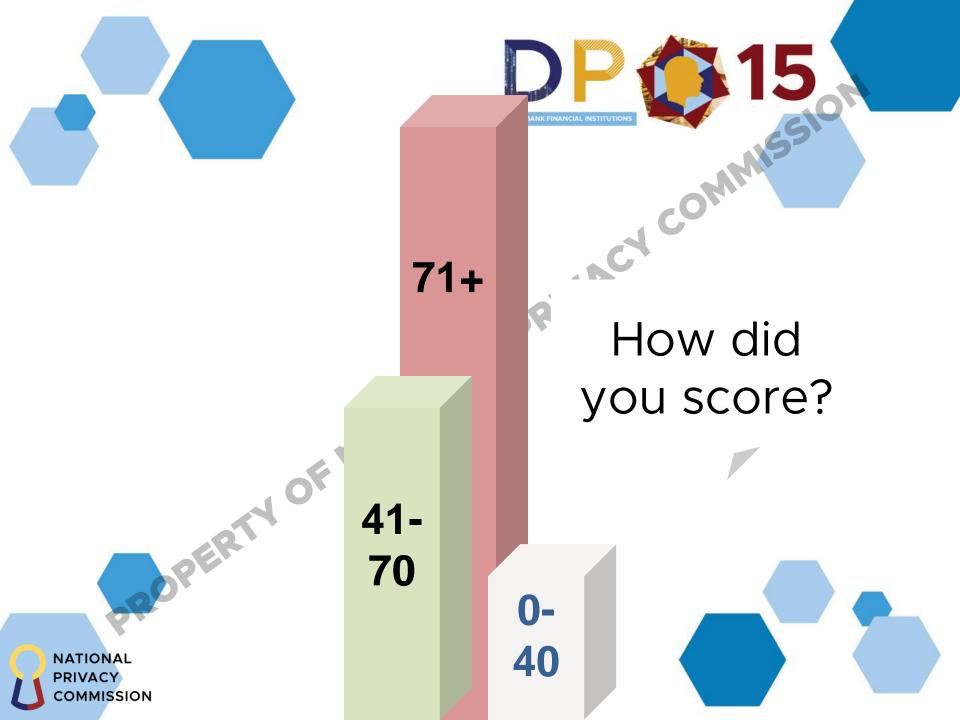
The number of people who have access to the personal information we keep is more than 250.

We have ongoing projects where we use personal information in big data or data analytics.

LET US SCORE!

You get five (5) points for every T You get five (5) points for every D

ROPERTY OF





PRIVACY RISK	BENEFIT	CONTROLS	IMPACT ASSESSMENT	
High	Low	ACY	Unacceptable	
Medium	Medium	High	Unreasonable	
Low	High	Low	Acceptable	
Medium	Medium	Medium	Acceptable	

Privacy risk is the probability that the data processing or other activity involving data will result in a loss of the rights and freedoms of an individual.

THE NPC DATA PRIVACY ACCOUNTABILITY AND COMPLIANCE FRAMEWORK



THE NPC DATA PRIVACY ACCOUNTABILITY AND COMPLIANCE CHECKLIST

I. Establishing Data Privacy Governance

II. Risk Assessment

Register Records of processing activities

4. Conduct of a Privacy Impact Assessment (PIA)

III. Preparing Your Organization's Data Privacy Rules

5. Formulate your organization's privacy management program (PMP)

Craft your agency's privacy manual

IV. Privacy in Day-to-Day Information Life Cycle Operations (To Be Included in the Privacy Manual)

. Informing data subjects of your personal information processing activities and obtain their consent, when necessary. (Privacy Notice)

. Formulation of policies/procedures that allow data subjects to object to subsequent processing or changes to the information supplied to them

Policies for limiting data processing according to its declared, specified and legitimate purpose

IO. Policies/procedures for providing data subjects with access to their personal information including its sources, recipients, method of collection, purpose of disclosure to third barties, automated processes, date of last access, and identity of the controller (Data Subject Access Request)

1. Policies/procedures that allow data subjects to dispute inaccuracy or error of their personal information including policies/procedures to keep the same up to date

2. Policies/procedures that allow a data subject to suspend withdraw or order the blocking, removal or destruction of their personal information

CREATION AND COLLECTION, STORAGE, TRANSMISSION, USE AND DISTRIBUTION, RETENTION, AND DESTRUCTION/

THE NPC'S 32-Pt. DATA PRIVACY ACCOUNTABILITY AND COMPLIANCE CHECKLIST

20. Compliance with the DPA's Data Breach Management Requirements (e.g. Security Policy, Data Breach Response Team, Incident Response Procedure, Document, Breach Notification)

VII. Managing Third Party Risks

21. Maintaining data privacy requirements (Legal Basis for Disclosure, Data Sharing Agreements, Cross Border, Security of Transfers) for third parties (e.g. clients, vendors, processors, affiliates)

VIII. Managing Human Resources (HR)

22. Periodic and mandatory personnel training on privacy and data protection in general and in areas reflecting job-specific content

23. Issuance of Security Clearance for those handling personal data

IX. Continuing Assessment and Development

24. Scheduling of Regular PIA for new and existing programs, systems, processes and projects

25. Review of Forms, Contracts, Policies and Procedures on a regular basis

26. Scheduling of Regular Compliance Monitoring, Internal Assessments and Security Audits

Review, validation and update of Privacy Manual

Regular evaluation of Privacy Management Program

29. Establishing a culture of privacy by obtaining certifications or accreditations vis-à-vis existing international standards

X. Managing Privacy Ecosystem

30. Monitoring of emerging technologies, new risks of data processing, and the Privacy Ecosystem

31. Keeping track of data privacy best practices, sector specific standards, and international data protection standards

32. Seeking guidance and legal opinion on new National Privacy Commission (NPC) issuances or requirements

AREA I. Establishing Data Privacy Governance acsion

Item #1. Appoint Data Protection Officer

AREA II. Risk Assessment

Item #2. Register

- Item #3. Records of Processing Activities
- Item #4. Conduct of a Privacy Impact Assessment (PIA)

AREA III. Preparing Your Organization's Data Privacy Rules

Item #5. Formulate your organization's privacy management program (PMP) Item #6. **Develop your agency's privacy manual and complaints mechanism**

AREA IV: Privacy in Day-to-Day Information Life Cycle Operation

Item #7. Informing data subjects of your personal processing activities and obtain their consent, when necessary.

Item #8. Formulation of policies/procedures that allow data subjects to object to subsequent processing or changes to the information supplied to them.

Item #9. Policies for limiting data processing according to its declared, specified and legitimate purpose.

Item #10. Policies/ procedure providing data subjects with access to their personal information including its sources, recipient, method of collection, purpose of disclosure to third parties, automated processes, date of last access, and identity of controller

Item #11. Policies/procedure that allow data subjects to dispute accuracy or error of their personal information including policies/procedure to keep the same up to date.

Item #12. Policies/ procedure that allow data subjects to suspend, withdraw or order the blocking, removal or destruction of their personal information.

Item #13. Policies/procedure for accepting and addressing complaints from data subjects.

Item #14. Policies/procedures that allow data subjects to get indemnified for any damages sustained due to such inaccurate, incomplete, outdated, false and unlawfully obtained or unauthorized use of personal information.

Item #15. Policies/procedures that allow data subjects to obtain from the personal information controller a copy of his or her personal data processed by electronic means and in a structured and commonly used format.

Item #16. Policies/procedures for creation and collection, storage, transmission, use and distribution, retaining personal data for only a limited period or until the purpose of the processing has been achieved, and ensuring that data is securely destroyed or disposed of



NATIONAL PRIVACY COMMISSION

AREA V. Managing Personal Data Security Risk

Item #17. Implement appropriate and sufficient organizational security measures Item #18. Implement appropriate and sufficient physical security measures Item #19. Implement appropriate and sufficient technical security measures

AREA VI. Data Breach Management

Item #20. Compliance with the DPA's Data Breach Management Requirements

AREA VII: Managing Third Party Risk

Item #21: Maintaining data privacy requirements for third parties (e.g. clients, vendor, processor, affiliates)? (Compliance, Agreement, Due Diligence, Notifications, Access Policies.)

AREA VIII. Managing Human Resources (HR)

Item #22. Periodic and mandatory personnel training on privacy and data protection in general and in areas reflecting job-specific content

Item #23. Issuance of Security Clearance for those handling personal data

AREA IX. Continuing Assessment and Development

Item #24. Scheduling of Regular PIA for new and existing programs, systems, processes and projects

Item #25. Review of Forms, Contracts, Policies and Procedures on a regular basis

Item #26. Scheduling of Regular Compliance Monitoring, Internal Assessments and Security Audits

- Item #27. Review, validation and update of Privacy Manual
- Item #28. Regular evaluation of Privacy Management Program

Item #29. Establishing a culture of privacy by obtaining certifications or accreditations vis-àvis existing international standards



AREA X. Managing Privacy Ecosystem

Item #30. Monitoring of emerging technologies, new risks of data processing, and the Privacy Ecosystem Item #31. Keeping track of data privacy best practices, sector specific standards, and international data protection standards Item #32. Seeking guidance and legal opinion on new National Privacy Commission (NPC) issuances or requirements







- 1. Can we feel a culture of **Privacy**?
- 2. Do you have a sensible data privacy program?
- 3. Is it based on risk assessment?
- 4. Do you train your staff in data privacy and protection?

Are you prepared for **breach**?

Cultivating a Culture of Trust

on

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MISSI

NATIONAL PRIVACY COMMISSION

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NATIONA COMMISSION

Building a regime of Trust con IVACY COMMISSION

When will you hear solo from the NPC?

- 1. When the NPC sends advisories and circulars
- 2. When the NPC conducts audit and compliance checks
- 3. When you notify the NPC about a personal data breach



ATIONAL RIVACY OMMISSION

The Data Privacy Institution of the Privacy Institution of the Data Privacy Institution of the Data Privacy Institution of the Privacy Institution of the

If you Can't Protect It... DENT Collect It.



Thank you for listening!

facebook.com/privacy.gov.ph twitter.com/privacyPH info@privacy.gov.ph



Leandro Angelo Y. Aguirre Deputy Privacy Commissioner 20 February 2018

Photo from http://makambaonline.com/index.php/2017/09/20/bring-african-countries-digital-economy/