Progress of Taiwan PKI

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Outline

- SMS Real Link System

- Introduction of Personal Data Protection Act (PDPA)

- Progress for eID Planning

SMS Real Link System

SMS Real Link System
Speed up without Personal Data

①Free message
②Non-membership
③Non-special equipment
④Non-Personal Data
⑤Useful for simply cell phone

行政院

3 steps in 5 seconds

❶Use LINE to search the official account 「@taiwancdc」或「疾管家」

❷Click「疾管家」(First row upper right icon), scan QR CODE

❸Automatically appear SMS location code and the receiver 1922, send text message and the contact information registration is completed

1.Scan the QR CODE at store

2.Click on link that appears

3.Send the message

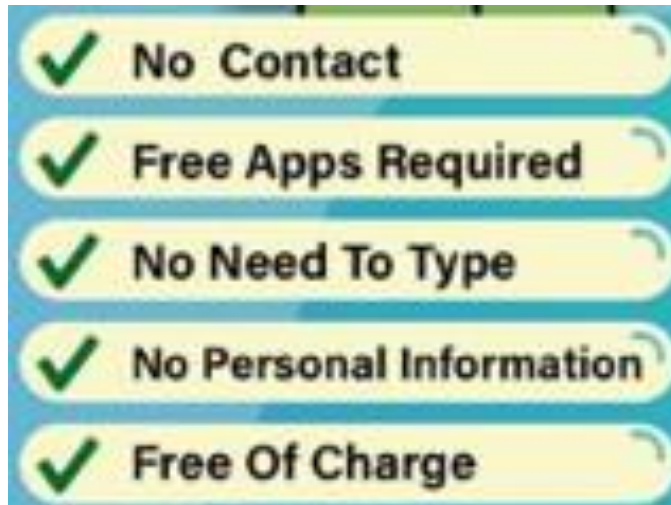No need to contact | Free APP | No need to type | No personal information | Free of charge

勞動部
Ministry of Labor

Step 1

① Scan QR Code
② Auto display Store-code and set 1922 as recipient for a SM
③ Sent Message to complete Real link System

Step 2

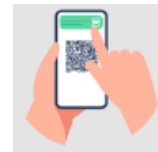## USE 「@taiwancdc」Line's function

❶ Open Line
Add 「@taiwancdc」 account

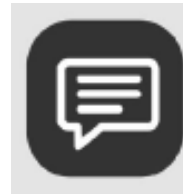❷ Open
Scan Function

❸ Scan Store
QR Code

❹ Click
For Link

❺ Sent
Message

Step 3
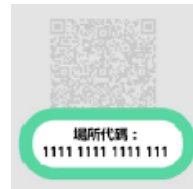
Once the Cell phone without photo function
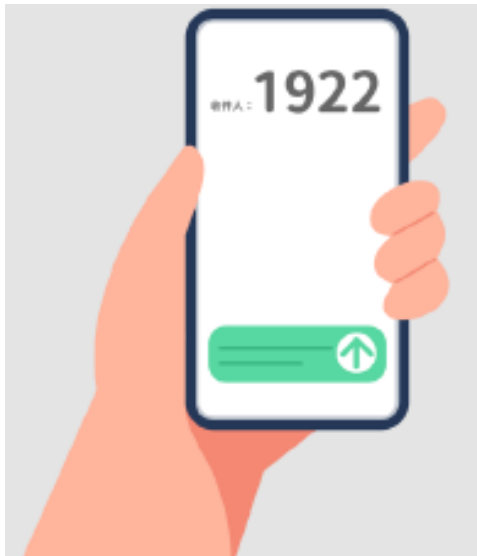How to use?

❶ | Open
SMS Function

❷ | Set Receipt
As 1922

❸ | Message Icon
Type Store Code

❹ | Sent
SMS
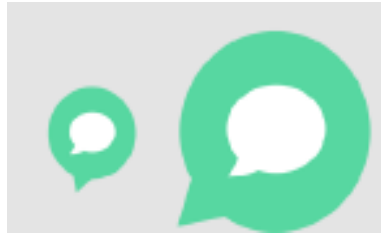
- SMS Free Charge
- Telecom Operators
- Self-absorbed expenses

No Personal Data to store

- The SMS records from Telecom Operators
- Just use for Covid-19 Control Center Only Keep 28 Days

Store apply without Equipment
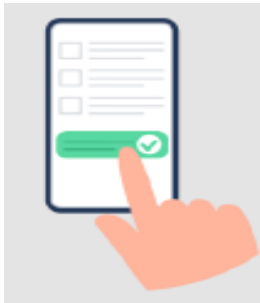
Online apply https://emask.Taiwan.gov.tw/real/

❶

Registry for Store Page

❷

Fill information and Cell No. to Verify

❸

Download QR Code

- Government Organizations are already adopt
- Non-Government Organizations or Private stores will adopt from 19th of May 2021

Application Scope

Introduction of Personal Data Protection Act (PDPA)

Introduction of Personal Data Protection Act (PDPA)

① Protection of Computer Processed Personal Data (abolished)→1995/8

② PDPA：2010/5→2012/10(Special PD postponed)

③ PDPA reform：2015/12→2016/3

④ PDPA reform：→ 2019/09

- To comply with EU GDPR adequacy decision

- Issues as to cross-border transfer, independent supervisory authority, rights of data subject, etc.

proper security and maintenance measures

commission

processing

right performance of data subject

Information

government agency

PD case procession

Collection

non-government agency

PD case | Personal Data (PD) | General PD / Special PD / exception

Non-PD — PDPA N/A

legal duties | civil | criminal | Administrative

erasure/ destruction

use

cross-border transfer

Use out of originally specified purposes

Progress for eID Planning

New eID – Original Plan

Fundamental framework

The main function of **eID** is to identify individuals (identity verification); it works as the key for people to access digital government services, not a device for personal data saving.

2019　　　2020　　　2021

Planning and implementation

Full replacement
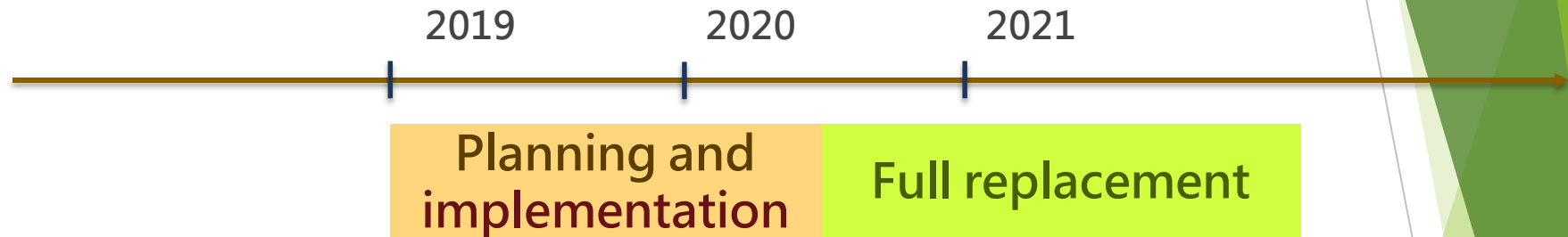
√ Identity verification
√ Signature effectiveness and non-repudiation

Ministry of the Interior

New eID = Identity Card + Citizen Digital Certificate

Challenges

- Security & Privacy
  - No confidence that government can assure the security of the whole system
  - Contactless interface may be used to steal personal data in the card
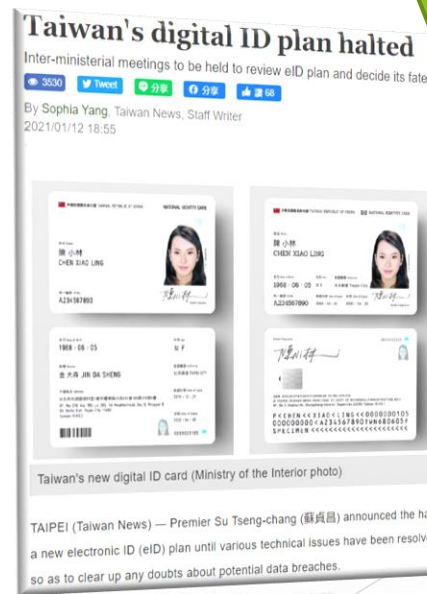- Lack of dedicated legal regulations
  - Civil society need dedicated law instead of the current Household Registration Law

Academia Sinica highlights problems in Taiwan's digital ID scheme

Taiwanese researchers urge government to halt electronic ID plan over security concerns

By Taiwan News, Staff Writer
2020/11/05 16:02

Taiwan's digital ID plan halted

Inter-ministerial meetings to be held to review eID plan and decide its fate

By Sophia Yang, Taiwan News, Staff Writer
2021/01/12 18:55

Taiwan's new digital ID card (Ministry of the Interior photo)

TAIPEI (Taiwan News) — Premier Su Tseng-chang (蘇貞昌) announced the halt a new electronic ID (eID) plan until various technical issues have been resolved so as to clear up any doubts about potential data breaches.

Plan halted in Jan. 2021

Building Hope Together!

Out of COVID-19

St. Joseph Hospital in Kaohsiung