



# Progress of Taiwan PKI

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# Outline

- **Taiwan COVID-19 certificates Recognized by EU**
- **PDPA Related Regulatory Reform**
- **Update of PKI & FIDO**

# Taiwan COVID-19 certificates Recognized by EU

- The European Commission has adopted equivalence decision certifying **that COVID-19 certificates issued by Taiwan are equivalent to the EU Digital Covid Certificates**. It means that digital certificates issued by Taiwan will be connected to the EU's system.
- This decision stems from a technical assessment performed by EU services. **The EU will accept Taiwanese COVID certificates** under the same conditions as the EU Digital COVID Certificate.
- Holders of certificates issued by Taiwan will be able to use them under the same conditions as holders of an EU Digital COVID Certificate do. **At the same time, Taiwan agreed to accept the EU Digital COVID Certificate for EU nationals traveling to Taiwan.**
- **The Commission's decision adopted will enter into force as of 22 December 2021.**
- As of now, 60 partners in five continents are connected to the EU system.

# EU Digital COVID Certificate: Commission adopts binding acceptance period of nine months for vaccination certificates

- The Commission adopted rules relating to the EU Digital COVID Certificate, **establishing a binding acceptance period of 9 months (precisely 270 days) of vaccination certificates for the purposes of intra-EU travel.**
- A clear and uniform acceptance period for vaccination certificates will guarantee that travel measures continue to be coordinated, as called for by the European Council following its latest meeting of 16 December 2021.
- The new rules will ensure restrictions are based on the best available scientific evidence as well as objective criteria. Continued coordination is essential for the functioning of the Single Market and it will provide clarity for EU citizens in the exercise of their right to free movement.

# Taiwan's Vaccine Certificate



There are three steps to obtaining the digital certificate:

1

## Confirm identity

- Taiwanese citizens choose one of three options:
  - ID number, health insurance card number, and valid passport number
  - FIDO (Fast Identity Online) certification and valid passport number

2

## Select either "Digital Vaccine Certificate" or "Digital Test Result Certificate"

3

## Obtain certificate:

# Taiwan's Vaccine Certificate Verified by European Country's System



Signed by Taiwan's Key Pair & Certificate



Scanned with Device or App



Ireland



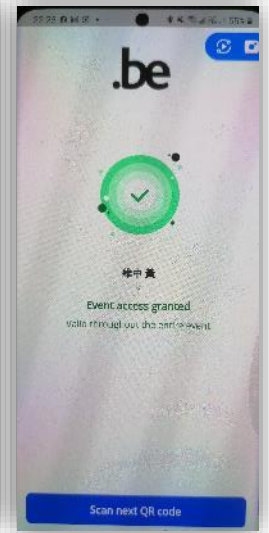
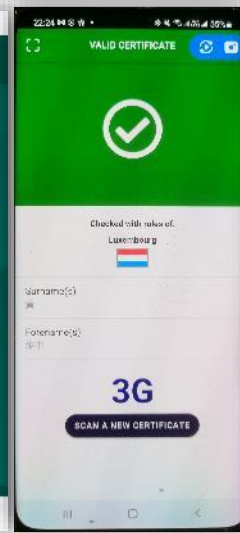
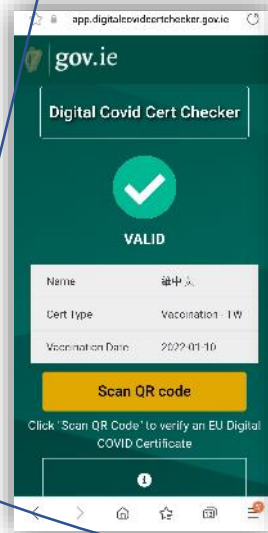
Luxembourg



Belgium



Austria



# PDPA Related Regulatory Reform

Personal Data Protection Act (PDPA)



**Draft** of “Cyber Security Maintenance Plan of personal information file on Online retailing Regulation” (promulgated on September 17, 2015 and **amended on December 30, 2021**)

- Purpose : To **strengthen supervision for Online Retailing** and Online Retailing Service Platform (e.g. e-commerce industries )
- Related Articles
  - **Article 5** adequate supervisory measures to enhance Personal Information File management
  - **Article 8** reporting MOEA **within 72 hours since accidents** occurred
  - **Article 9** noticing data subjects the area of **international transmission**
- Impact
  - **Increase the cost of compliance**
  - **Enhance transaction safety and consumer reliance**

# Updates of PKI & FIDO(1/2)

- TAIWAN Fido by Ministry of the Interior (MOI):
  - Supported by 10+ central/local government and financial agencies, more than 20 systems
    - National Development Council, Ministry of Finance, Ministry of Labor, Ministry of Culture, Hsinchu City, Chiayi City, Taiwan Depository and Cleaning Corp., etc.



- Kick off new integration approach for FIDO+PKI
    - As Is: PKI(Registration with Citizen Card then Enroll FIDO account)
    - To Be: Integrate Mobile PKI and FIDO into one App
- The “New eID Card” project was suspended until the process of new regulation for eID
- The new ministry “Digital Development Ministry” is under preparation, and the revision of “Electronic Signature Law” is in the to-do list of the ministry



In addition to providing real-name identification, TW Fido can also do online signature verification in the future

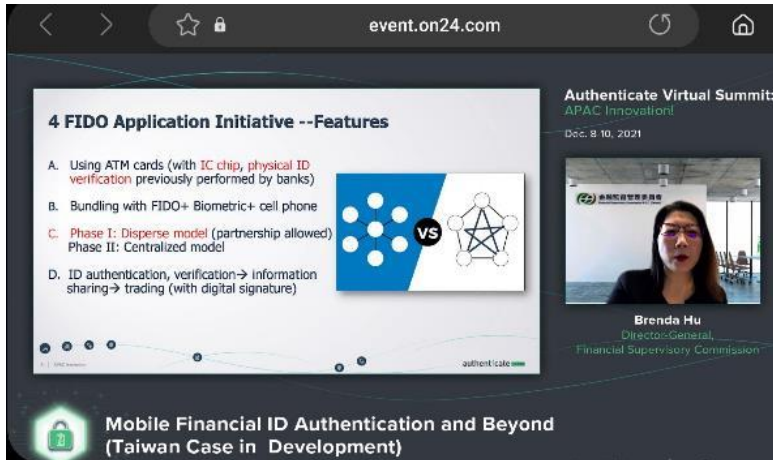
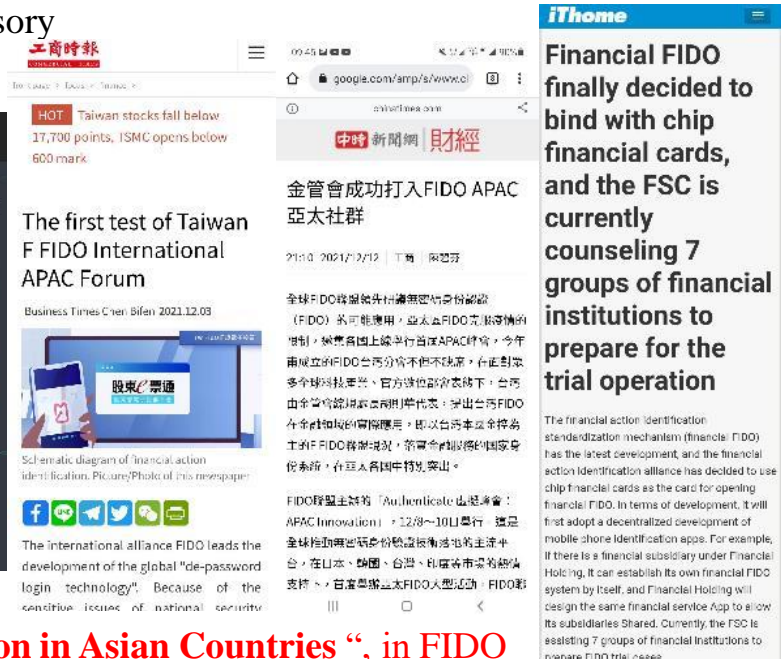
Later, the Information Center of the Ministry of the Interior decided to introduce mobile natural person certificates, combined with the international standards of the Fido Alliance, to create a mobile identity identification system TAIWAN Fido (hereinafter referred to as TW Fido). Multi-government services are fully online bidding.

By establishing the TW Fido authentication mechanism, he said that people only need to bind their mobile phones to use biometrics to quickly authenticate and log in to government websites through password-free methods. Not only is it more convenient to use, but there are also more diverse application scenarios and types, including G2C (government-to-people), G2B (government-to-business), B2C (business-to-people), B2B (business-



# Update of PKI & FIDO(2/2)

- Fintech Mobile ID Alliance by Financial Supervisory Commission (FSC)

- APKIC shared the topic of **“PKI & e-Authentication in Asian Countries “**, in **FIDO Alliance Liaison Week on December 14-16, 2021** from Dr. Wei-Chung Hwang, Deputy Director of Digital Transformation Institute, and Vijayakumar Manjunatha, CTO, eMudhra. Outlined the governance, structure, activities and objectives, including FIDO adoption by member countries.





**THANK YOU**