

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.

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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:



Confirm identity

•Taiwanese citizens choose one of three options: -ID number, health insurance card number, and valid passport number -EIDO (Fast Identity Opline) cortification and valid

-FIDO (Fast Identity Online) certification and valid passport number

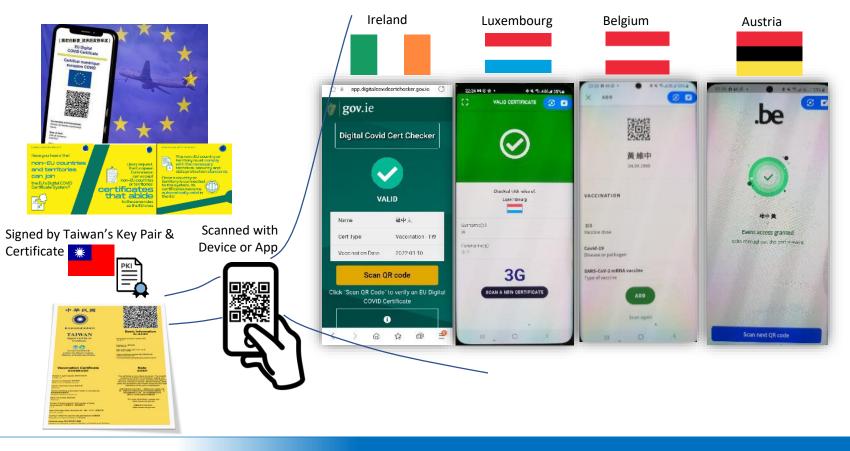


Select either "Digital Vaccine Certificate" or "Digital Test Result Certificate"



Obtain certificate:

Asia PKI Consortium Taiwan's Vaccine Certificate Verified by European Country's System



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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

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4 million natural person certificates are fully mobile, and the Ministry of the Interior merges and upgrades IT services

The Ministry of the Interior began piloting TW FidD two years ago. The Ministry of Interior Information Center for this service has become the key to the promotion. Not only will the signature verification function of the mobile voucher be launched at the end of the year to speed up the popularization, the IT team must also respond to the future. Reorganize and unemark for the reform are end us a possible



In addition to providing realname 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 croste a mobile identity identification system TAIWAN FIdO (hreatingter referred to as TW FidO). Multigovernment services are fully online bidding.

By establishing the TW FidO auth-entication mechanism, he said that people only need to bind their mobile phones to use biometrics to quickly authenticate and log in to government webaltes 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 topeople), G2E (government to-business), B2C (business-to-people), B2B (business-

Confidential



Update of PKI & FIDO(2/2)

Fintech Mobile ID Alliance by Financial Supervisory Commission (FSC)





The international alliance FIDO leads the development of the global "de-password" login technology". Because of the sensitive issues of national security.

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21:10 2021/12/12 工商 原碧芬

全球FIDO將開始先供遵無密結身份認識 (FIDO) 的可能應用,亞太區FIDO克服溶情的 限制,感集各國上線學行首度APAC峰會,今年 甫成立的FIDO台湾介含不但不缺席,在面割宽 多全球科技產業、官方就位部會表態下,台湾。 由金管會說規處長能則華代表,提出台湾FIDO 在金融领域的實際應用,即以台灣本國金控為 主的FFIDO聯盟現況,落實金融服務的国家身 份泰链,在亚太各国中特别突出。

FIDO段盟主辦的「Authenticate 虛擬論會! APAC Innovation 1 > 12/8~10日墨行 - 這是 全球性物理密码身份驗證技術感地的主流平 台,在日本、韓國、台灣、印度等市場的熱情。 支持、> 首度學辦亞太FIDO大型活動。FIDO聯

Financial FIDO finally decided to bind with chip financial cards. and the FSC is currently counseling 7 groups of financial institutions to prepare for the trial operation

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The financial action identification standardization mechanism (financial FIDO) has the latest development, and the financial action identification alliance has decided to use chip financial cards as the card for opening financial FIDO. In terms of development, it will first adopt a decentralized development of mobile phone identification apps. For example, If there is a financial subsidiary under Financial Holding, it can establish its own financial FIDO system by Itself, and Financial Holding will design the same financial service App to allow Its subsidiaries Shared. Currently, the FSC is essisting 7 groups of financial institutions to prepare FIDO trial desea

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 Istitute, and Vijayakumar Manjunatha, CTO, eMudhra. Outlined the governance, structure, activities and objectives, including FIDO adoption by member countries.

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Liaison Week





THANK YOU

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