

Development of Digital Trust in Taiwan

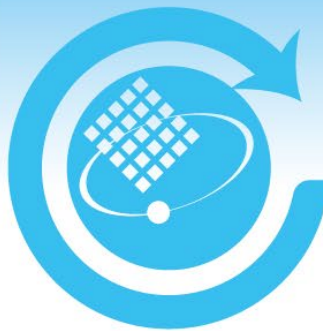
Proposed by

The logo for the Chinese Taipei PKI and e-Authentication Consortium (CTPKIC), featuring the acronym 'CTPKIC' in blue and grey, with the full name below it.

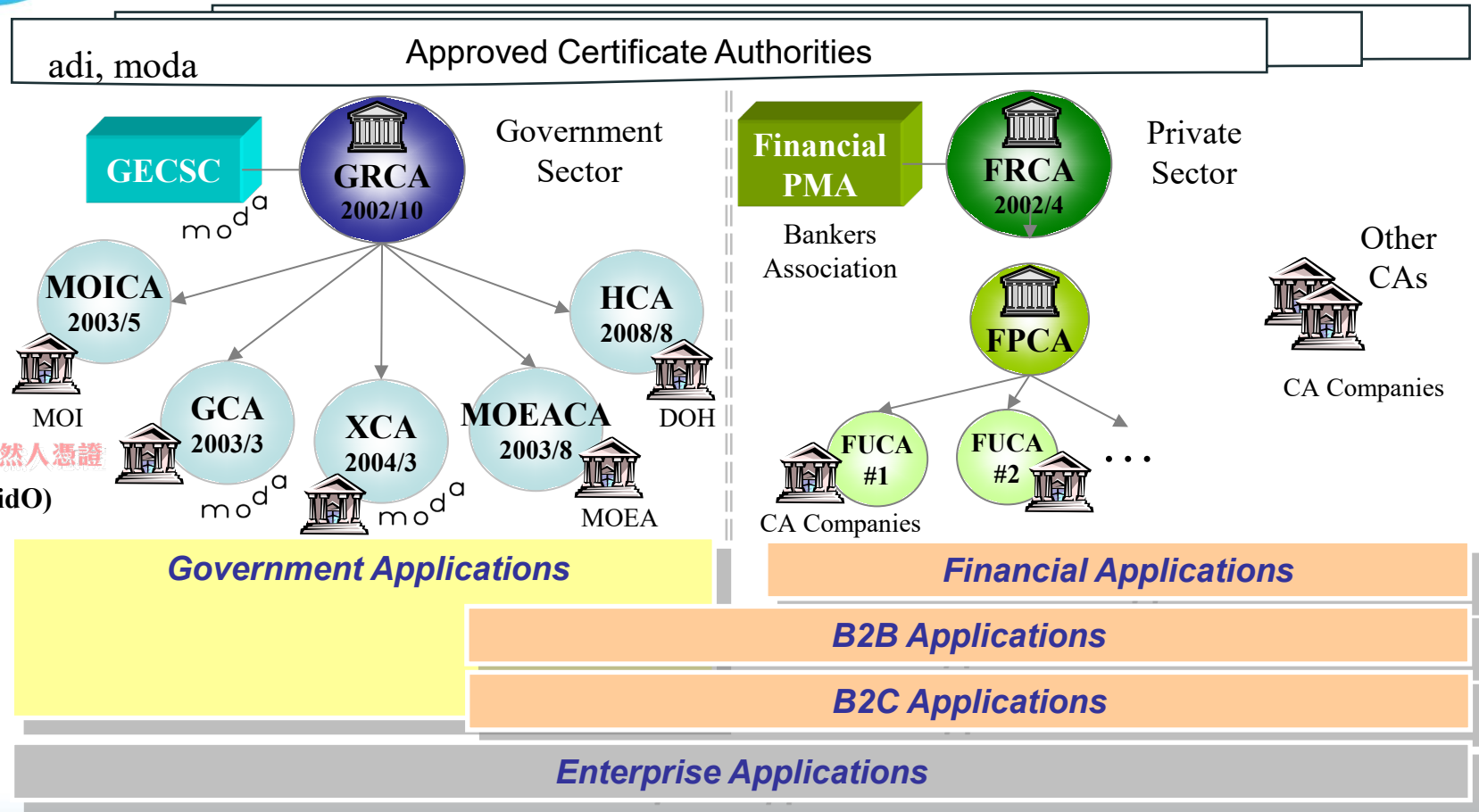
Chinese Taipei PKI and
e-Authentication Consortium

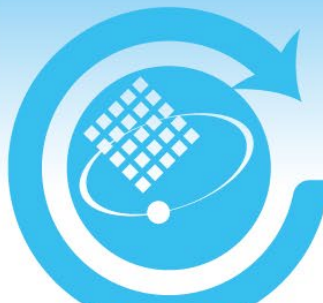
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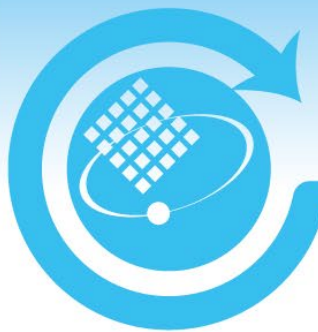
PKI (Digital Signatures) in Taiwan





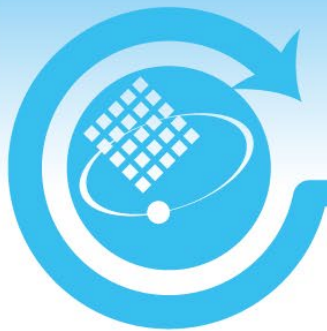
Accelerating FIDO Adoption via Taiwan Industry Association Collaboration

Domain	Association SIG Partners	Passkeys Use Cases
E-commerce	 中華民國無店面 零售商業同業公會  台灣電子商務暨創 業聯誼協會  台灣數位信任協會 Digital Trust Association in Taiwan	 富邦媒體科技  露天拍賣  coupang
Finance & Payment	 TPFA Taiwan Payment Facilitator Association  中華民國人壽 保險同業公會  台灣數位信任協會 Digital Trust Association in Taiwan	 Cherri 喬睿科技股份有限公司  NEWEB 藍新科技  iPASS 一卡通  新光人壽 Shin Kong Life
Online Gaming	 TGIPA 台灣遊戲產業振興會	 SOFT WORLD 智冠  IGS 沁象  iS 昱泉  KEYTYPE GAMES 雷特  宇峻澳汀  奇換種子
Innovative Applications	 TQMA 全國創新創業總會  NiEA  台灣數位信任協會 Digital Trust Association in Taiwan  TISSA 中華民國資訊軟 體服務商業同業 公會  台灣數位安全發展協會 Taiwan Digital Security Development Association	 杏一 medFirst  誠品生活 elite spectrum  晨間廚房 LA MORNING  MAYO  cola tour 可樂旅遊  EFUN 一帆數位科技  NPC 全國加油站



PQC-CIA: Public-Private Partnership for PQC migration





PQC Common Platform



PQC Application Reference Examples.
(Identification 、 Digital Signature)

PQC Chip Common Platform for Product
Design and Verification Environment
(FPGA)

PQC IP
ML-KEM 、 ML-
DSA 、 SLH-DSA

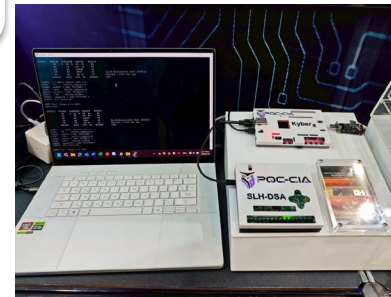
PQC SW/FW
ARM 、 RISC-V 、
X86 、 ...



Identification



Digital Signature

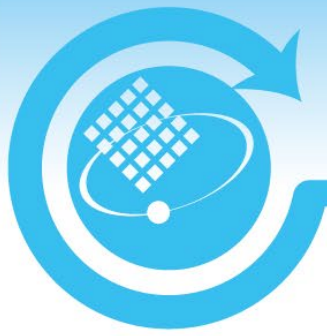


PQC IP & PQC SW/FW



PQC Chip Common
Platform

Source: Administration for Digital Industries, Industrial
Technology Research Institute



Thank you !