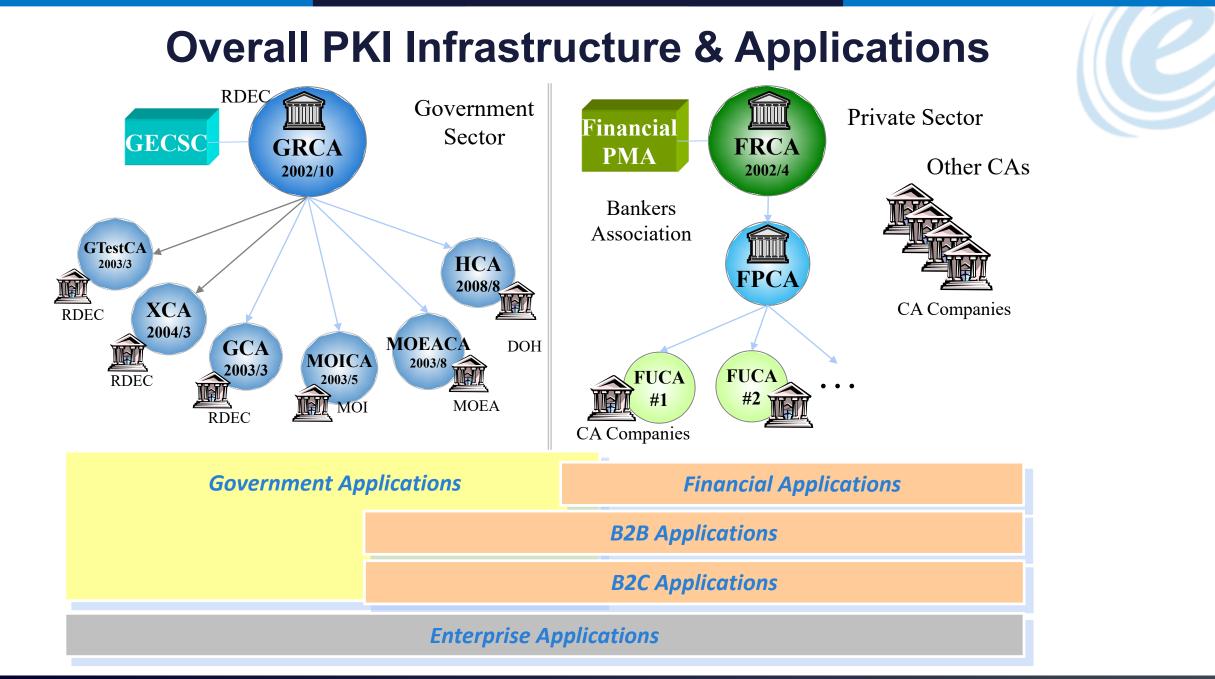


Status and Development of Online Authentication Applications for Public Services in Taiwan

Wei-Chung Hwang, Deputy General Director, Deputy General Director, Institute for Information Industry Karen Chang, Vice President, Egis Technology Shally Lu, Institute for Information Industry

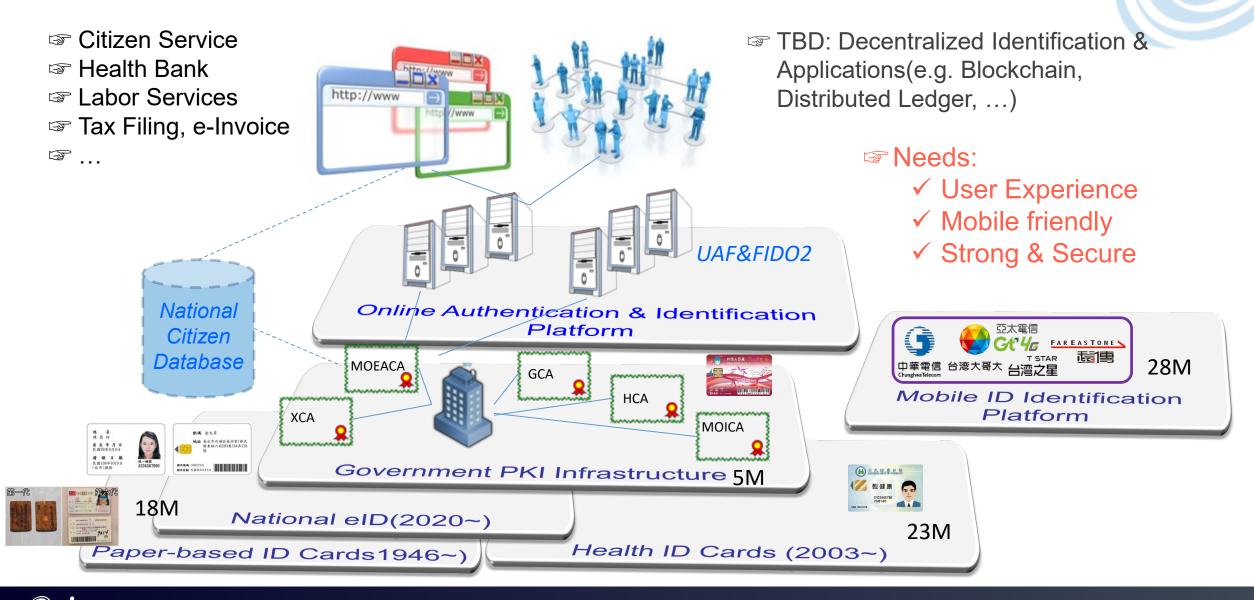
Jun 2019





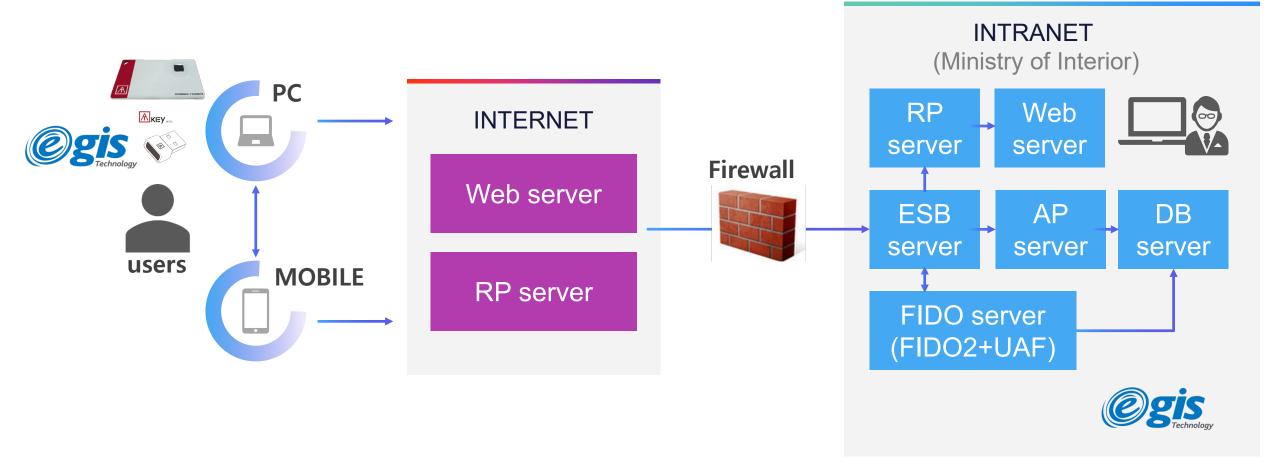


Online Authentication & Identification Services in Taiwan



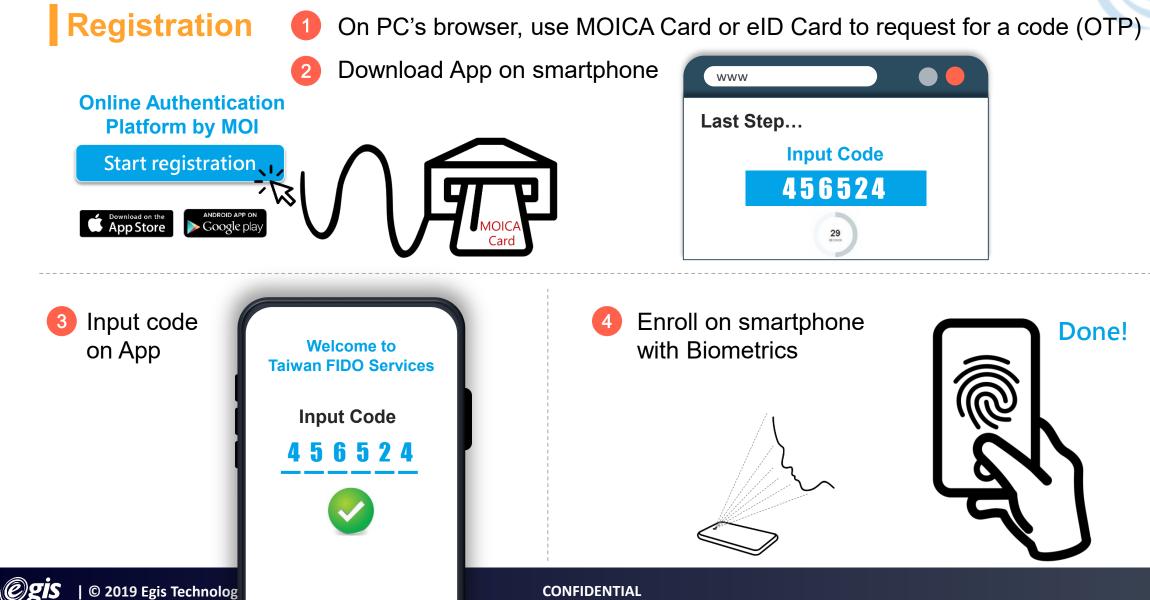
CONFIDENTIAL

Deployment Architecture

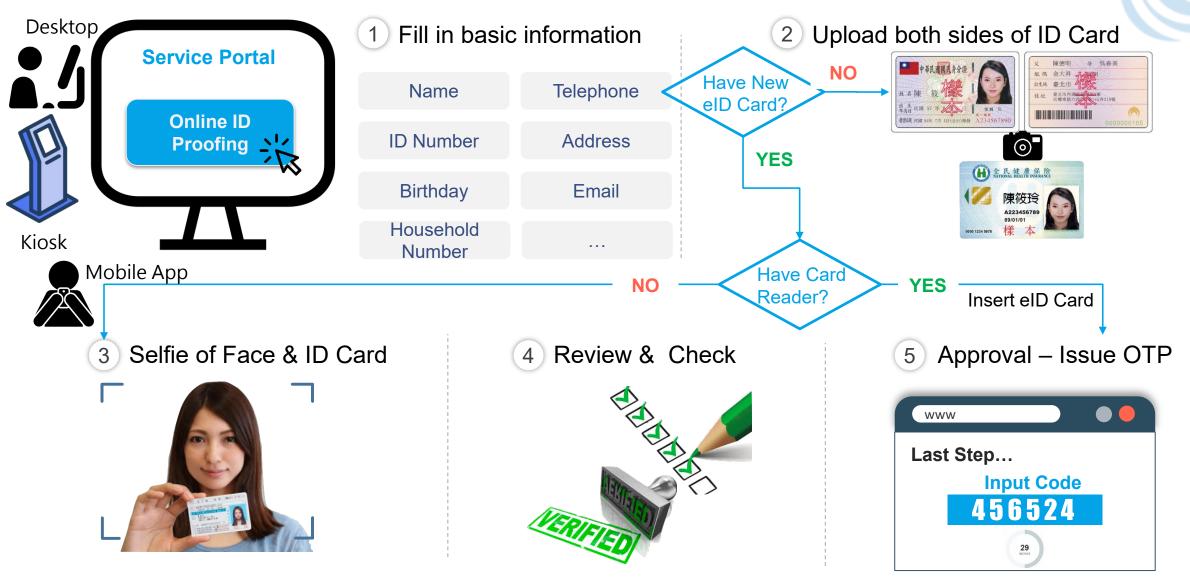


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PKI-based ID Proofing for FIDO (2019)

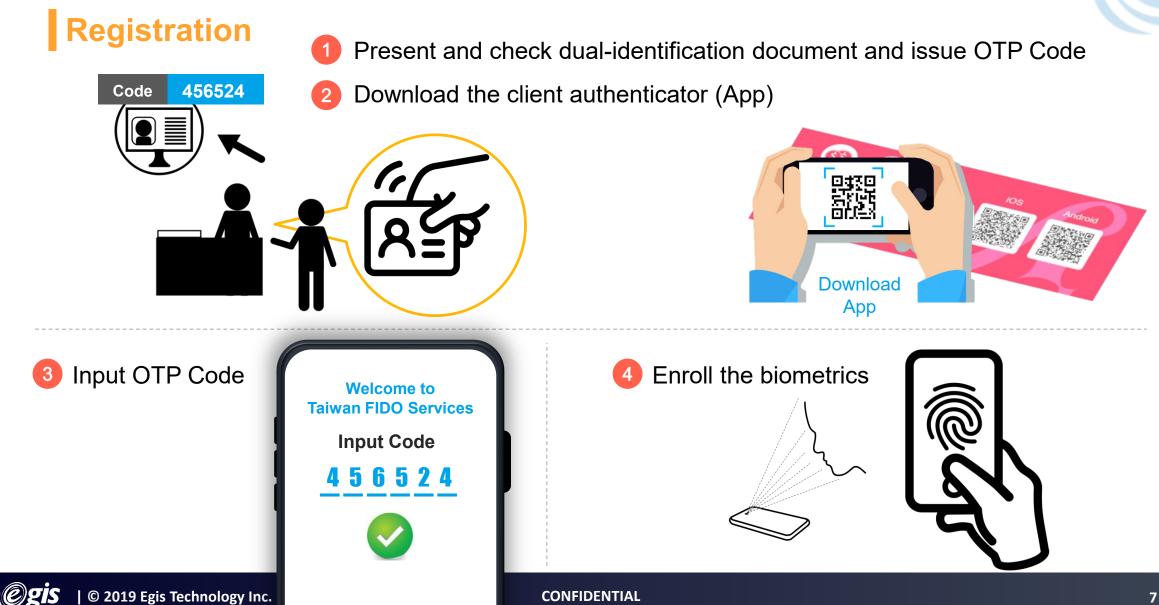


Online ID Proofing (2020~)



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Over-the-Counter ID Proofing (2020~)



Use Case #1: Access to Citizen Service Portal



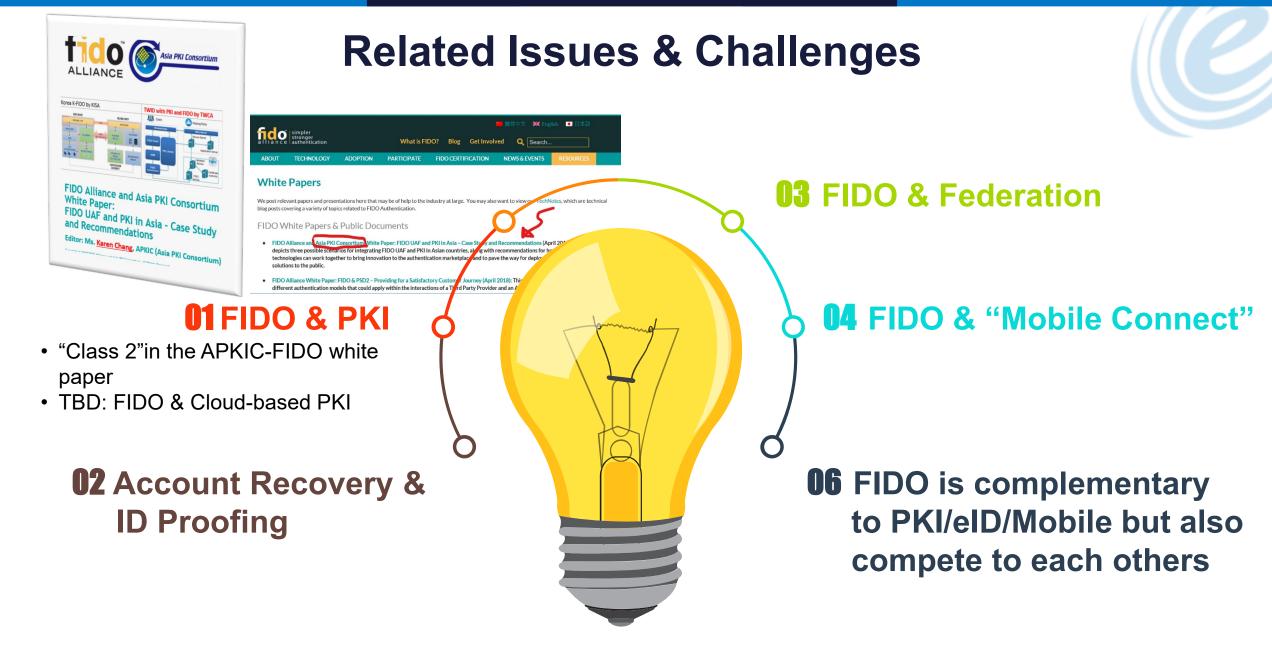
Use Case #2: Access Citizen's My Data AS-IS **TO-BE** www.healthbank.com * * * * Access Granted 4 Login with Password : Need to register Welcome to My Health Bank with Health ID Card ID Number: A123456789 Login with Cards : Need Health ID Card(with passcode) or MOICA Card User & Device Fast Login Request for 康存摺 Authentication **FIDO Mobile APP** 2 Authentication 一般登入 健保卡 自然人憑證 on App Health Bank 身分證號 request your approval 健保卡卡號 健保卡網路服務註冊密碼 圖型驗證碼 確認 3 Authenticated 忘記密碼 | 申請密碼 *首次登入,且無「健保卡網路服務註冊 密碼」,請先申請密碼。



9

登入





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	Pros			
	PKI	elD	FIDO	Mobile ID
User Experience	*	*	$\star \star \star$	$\star \star$
Mobility & Device Coverage	$\star \star$	\star	$\star \star \star$	$\star \star$
Ecosystem & Openness	$\star \star \star$	$\star \star$	$\star \star \star$	\star
Online / Offline Usage	$\star \star$	$\star \star \star$		
Policy & Regulation	$\star\star\pm$	$\star \star \star$	*	\star
Cost Effectiveness	$\star \star$	\star	$\star \star \star$	\star



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