



INDEPENDENT ASSURANCE REPORT

To the management of the TAIWAN-CA INC. :

Scope

We have been engaged, in a reasonable assurance engagement, to report on TWCA management's assertion that for its Certification Authority (CA) operations at Taipei City, New Taipei City and Taichung City, Taiwan, throughout the period January 1, 2025 to December 31, 2025 for its CAs as enumerated in [Appendix](#), TWCA has :

- disclosed its business, key lifecycle management, certificate lifecycle management, and CA environmental control practices in its:
 - TWCA Financial User Certification Authority Certification Practice Statement [V4.0](#)
 - BA ROC's, the Bankers Association of the Republic of China, Certificate Policy [V2.0](#)¹ ;
- maintained effective controls to provide reasonable assurance that :
 - TWCA Financial User Certification Authority Certification Practice Statement is consistent with BA ROC's, the Bankers Association of the Republic of China, Certificate Policy
 - TWCA provides its services in accordance with its Certification Practice Statements
- maintained effective controls to provide reasonable assurance that :
 - the integrity of keys and certificates it manages is established and protected throughout their lifecycles;

¹ Maintained and managed by The Bankers Association of the Republic of China.

- the integrity of subscriber keys and certificates it manages is established and protected throughout their lifecycles;
- subscriber information is properly authenticated for the registration activities performed by TWCA; and
- subordinate CA certificate requests are accurate, authenticated, and approved
- maintained effective controls to provide reasonable assurance that :
 - logical and physical access to CA systems and data is restricted to authorized individuals;
 - the continuity of key and certificate management operations is maintained; and
 - CA systems development, maintenance, and operations are properly authorized and performed to maintain CA systems integrity

in accordance with the [WebTrust Principles and Criteria for Certification Authorities v2.2.2.](#)

TWCA makes use of external registration authorities for specific subscriber registration activities as disclosed in TWCA's business practices. Our procedures did not extend to the controls exercised by these external registration authorities.

TWCA does not provide subscriber key generation services, and does not provide certificate suspension services. Accordingly, our procedures did not extend to controls that would address those criteria.

Certification authority's responsibilities

TWCA's management is responsible for its assertion, including the fairness of its presentation, and the provision of its described services in



accordance with the WebTrust Principles and Criteria for Certification Authorities v2.2.2.

Our independence and quality control

We have complied with the independence and other ethical requirements of the *Code of Ethics for Professional Accountants* issued by the International Ethics Standards Board for Accountants, which is founded on fundamental principles of integrity, objectivity, professional competence and due care, confidentiality and professional behaviour.

The firm applies International Standard on Quality Management (ISQM) 1, *Quality Management for Firms that Perform Audits or Reviews of Financial Statements, or Other Assurance or Related Services Engagements* and accordingly maintains a comprehensive system of quality control including documented policies and procedures regarding compliance with ethical requirements, professional standards and applicable legal and regulatory requirements.

Practitioner's responsibilities

Our responsibility is to express an opinion on management's assertion based on our procedures. We conducted our procedures in accordance with International Standard on Assurance Engagements 3000, *Assurance Engagements Other than Audits or Reviews of Historical Financial Information*, issued by the International Auditing and Assurance Standards Board. This standard requires that we plan and perform our procedures to obtain reasonable assurance about whether, in all material respects, management's assertion is fairly stated, and, accordingly, included:

1. obtaining an understanding of TWCA's key and certificate lifecycle management business practices and its controls over key and



certificate integrity, over the authenticity and confidentiality of subscriber and relying party information, over the continuity of key and certificate lifecycle management operations and over development, maintenance and operation of systems integrity;

2. selectively testing transactions executed in accordance with disclosed key and certificate lifecycle management business practices;
3. testing and evaluating the operating effectiveness of the controls; and
4. performing such other procedures as we considered necessary in the circumstances.

We believe that the evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.

The relative effectiveness and significance of specific controls at TWCA and their effect on assessments of control risk for subscribers and relying parties are dependent on their interaction with the controls, and other factors present at individual subscriber and relying party locations. We have performed no procedures to evaluate the effectiveness of controls at individual subscriber and relying party locations.

Inherent limitations

There are inherent limitations in the effectiveness of any system of internal control, including the possibility of human error and the circumvention of controls. For example, because of their nature, controls may not prevent, or detect unauthorized access to systems and information, or failure to comply with internal and external policies or requirements. Also, the projection to the future of any conclusions based on our findings is subject to the risk that controls may become ineffective.



Opinion

In our opinion, throughout the period January 1, 2025 to December 31, 2025, TWCA management's assertion, as referred to above, is fairly stated, in all material respects, in accordance with the WebTrust Principles and Criteria for Certification Authorities v2.2.2.

This report does not include any representation as to the quality of TWCA's services beyond those covered by the WebTrust Principles and Criteria for Certification Authorities v2.2.2, nor the suitability of any of TWCA's services for any customer's intended purpose.

Use of the WebTrust seal

TWCA's use of the WebTrust for Certification Authorities Seal constitutes a symbolic representation of the contents of this report and it is not intended, nor should it be construed, to update this report or provide any additional assurance.

Chen, Pi-chi, KPMG

KPMG

Certified Public Accountants

Taipei, Taiwan, ROC

February 25, 2026



Appendix

TWCA Financial User CA	Subordinate CA Certificate
	Subject
	CN = TWCA Financial User CA OU = User CA O = TWCA C = TW
	Certificate Related Information
	Serial Number 53de6ed1 Signature Algorithm: sha256RSA Not Before: 2021-10-25 10:47:34 Not After: 2026-10-25 23:59:59 Thumbprint Algorithm: sha1 Thumbprint: b371719033a15b583d83cac90419460dbc7cda89
	Issuer
	CN = TaiCA Financial Policy CA OU = Policy CA O = TaiCA C = TW
	Key Related Information
	Subject Public Key: RSA(4096 bits) Authority Key Identifiers: 396b02e75a5b6d5c097b332afc1f8070c3c5c543cccfbb5cf5be6ab19ecb2712 Subject Key Identifiers: 0d2444330ccf9c260e3b3b2a2dcf8c5cb99dd3b02435f54a72d97cf805838863 Key Usage:Certificate Signing, Off-line CRL Signing, CRL Signing (06)

TWCA Financial User CA	Subordinate CA Certificate
	Subject
	CN = TWCA Financial User CA OU = User CA O = TWCA C = TW
	Certificate Related Information
	Serial Number 53e59af0 Signature Algorithm: sha256RSA Not Before: 2024-03-15 10:47:08 Not After: 2029-03-15 23:59:59 Thumbprint Algorithm: sha1 Thumbprint: 9cb211430d4d201ae81a4c0c4d27246a6893c81c
	Issuer
	CN = TaiCA Financial Policy CA OU = Policy CA O = TaiCA C = TW
	Key Related Information
	Subject Public Key: RSA(4096 bits) Authority Key Identifiers: 396b02e75a5b6d5c097b332afc1f8070c3c5c543cccfbb5cf5be6ab19ecb2712 Subject Key Identifiers: 358d43cb4064c085842e22e0025c6fa91ccc5ea8f0ff1ee9c2a7306d499ee8b7 Key Usage:Certificate Signing, Off-line CRL Signing, CRL Signing (06)



**Assertion of Management as to
its Design of its Business Practices and its Controls Over
its Certification Authority Operations during the period
from January 1, 2025 through December 31, 2025**

February 25, 2026

The TAIWAN-CA INC., TWCA, operates the Certification Authority, CA, services known as TWCA Financial User Certification Authority, FUCA. TWCA FUCA is a subordinate CA of Financial Root Certification Authority and Financial Policy Certification Authority, this assertion only covers FUCA. TWCA FUCA provides the following CA services :

- Subscriber registration
- Certificate renewal
- Certificate rekey
- Certificate issuance
- Certificate distribution
- Certificate revocation
- Certificate validation

The management of the TWCA is responsible for establishing and maintaining effective controls over its CA operations, including its CA business practices disclosure on its [website](#), CA business practices management, CA environmental controls, CA key lifecycle management controls, subscriber key lifecycle management controls, certificate lifecycle management controls, and subordinate CA certificate lifecycle management controls. These controls contain monitoring mechanisms, and actions are taken to correct deficiencies identified.

There are inherent limitations in any controls, including the possibility of human error, and the circumvention or overriding of controls. Accordingly, even effective controls can only provide reasonable assurance with respect to TWCA's Certification Authority operations. Furthermore, because of changes in conditions, the effectiveness of controls may vary over time.

TWCA management has assessed its disclosures of its certificate practices and controls over its CA services. Based on that assessment, in TWCA management's opinion, in providing its Certification Authority (CA) services at Taipei city , New Taipei city and Taichung city, Taiwan , throughout the period January 1, 2025 to December 31, 2025, TWCA has:

- disclosed its business, key lifecycle management, certificate lifecycle management, and CA environmental control practices in its:

- Certificate Policy for the Financial Public Key Infrastructure [V2.0](#)
 - TWCA Financial User Certification Authority Certification Practice Statement [V4.0](#)
- maintained effective controls to provide reasonable assurance that:
 - TWCA Financial User Certification Authority Certification Practice Statement is consistent with the [Certificate Policy for the Financial Public Key Infrastructure](#) published by the Bankers Association Of The Republic Of China
 - TWCA provides its FUCA services in accordance with the Certificate Policy and the Certification Practice Statements
- maintained effective controls to provide reasonable assurance that :
 - the integrity of keys and certificates it manages is established and protected throughout their lifecycles;
 - the integrity of subscriber keys and certificates it manages is established and protected throughout their lifecycles;
 - subscriber information is properly authenticated (for the registration activities performed by TWCA); and
- maintained effective controls to provide reasonable assurance that :
 - logical and physical access to CA systems and data is restricted to authorised individuals;
 - the continuity of key and certificate management operations is maintained; and

- CA systems development, maintenance, and operations are properly authorised and performed to maintain CA systems integrity

in accordance with the [WebTrust Principles and Criteria for Certification Authorities V2.2.2](#), including the following:

CA Business Practices Disclosure

- Certification Practice Statement (CPS)
- Certificate Policy (CP)

CA Business Practices Management

- Certification Practice Statement Management
- CP and CPS Consistency

CA Environmental Controls

- Security Management
- Asset Classification and Management
- Personnel Security
- Physical and Environmental Security
- Operations Management
- System Access Management
- Systems Development and Maintenance
- Business Continuity Management
- Monitoring and Compliance
- Audit Logging

CA Key Lifecycle Management Controls

- CA Key Generation
- CA Key Storage, Backup, and Recovery
- CA Public Key Distribution
- CA Key Usage
- CA Key Archival and Destruction
- CA Key Compromise
- CA Cryptographic Hardware Lifecycle Management
- CA Key Transportation
- CA Key Migration

Subscriber Key Lifecycle Management Controls

- Integrated Circuit Card (ICC) Lifecycle Management
- Requirements for Subscriber Key Management

Certificate Lifecycle Management Controls

- Subscriber Registration
- Certificate Renewal
- Certificate Rekey
- Certificate Issuance
- Certificate Distribution
- Certificate Revocation
- Certificate Validation

TWCA does not escrow its CA keys, and does not provide subscriber key generation services, and does not provide certificate suspension services. Accordingly, our assertion does not extend to controls that would address those criteria

Title: President

Signature

CHAO-HUANG KUO

Date

February 25, 2026

TAIWAN-CA INC. (TWCA)

10F., No.85, Yanping S. Rd., Zhongzheng Dist., Taipei City 100,
Taiwan (R.O.C.)

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