



日盛聯合會計師事務所  
SUN RISE CPAS' FIRM  
DFK INTERNATIONAL



19F.-5, No.171, Songde Rd., Sinyi District,  
Taipei City 110, TW.  
Tel : +886 2 2346 6168  
Fax : +886 2 2346 6068

## INDEPENDENT ASSURANCE REPORT

To the management of iTrusChina Co., Ltd. ("iTrusChina"):

We have been engaged, in a reasonable assurance engagement, to report on iTrusChina management's assertion that for its Certification Authority (CA) operations at locations as enumerated in Appendix C, throughout the period 9 January 2024 to 8 January 2025 for its CAs as enumerated in Appendix A, iTrusChina has:

- disclosed its business, key lifecycle management, certificate lifecycle management, and CA environmental control practices in its Certification Practice Statement (CPS) and Certificate Policy (CP) as enumerated in Appendix B
- maintained effective controls to provide reasonable assurance that:
  - iTrusChina's Certification Practice Statement is consistent with its Certificate Policy
  - iTrusChina provides its services in accordance with its Certificate Policy and Certification Practice Statement
- 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; and
  - subscriber information is properly authenticated
- 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.](#)

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

### Certification authority's responsibilities

iTrusChina'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.](#)



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## 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.

## Auditor'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 ITrusChina'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.

## Relative effectiveness of controls

The relative effectiveness and significance of specific controls at ITrusChina 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

Because of the nature and inherent limitations of controls, ITrusChina's ability to meet the aforementioned criteria may be affected. For example, controls may not prevent, or detect and correct, error, fraud, unauthorized access to systems and information, or failure to comply with internal and external policies or requirements. Also, the projection of any conclusions based on our findings to future periods is subject to the risk that changes may alter the validity of such conclusions.

## Opinion

In our opinion, throughout the period 9 January 2024 to 8 January 2025, ITrusChina 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](#).



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

#### Use of the WebTrust seal

ITrusChina'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.



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28 March 2025

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## Appendix A

The list of keys and certificates covered in the report is as follow:

Subject DN	Key Type	Signature Algorithm	Key Size	Subject Key Identifier	SHA256 Certificate Thumbprints	Certificate Signed by
CN = vTrus Root CA O = iTrusChina Co.,Ltd. C = CN	Root Key	sha256RSA	4096 bits	54627063F17 58443588ED1 1620B1C6AC1 ABCF689	8A71DE65593 36F426C26E5 3880D00D88A 18DA4C6A91F 0DCB6194E20 6C5C96387	vTrus Root CA
CN = vTrus DV SSL CA O = iTrusChina Co.,Ltd. C = CN	Signing Key	sha256RSA	2048 bits	63AFFD9FE66 96719F5BF18 E99CFD75199 E2FFBFE	0A85075DD6 B382EAB314 49823DB8BE D6B61A4417 14165E33FA CA42CD9C8D EC2A	vTrus Root CA
CN = vTrus OV SSL CA O = iTrusChina Co.,Ltd. C = CN	Signing Key	sha256RSA	2048 bits	E472C3A7329 87BC2A15B02 70875494718 4B0FDE6	2CF5539249 A9E38FC010 E29FF3E804 6658F3D030 B933104736 87FA91F8DA 44CA	vTrus Root CA
CN = vTrus EV SSL CA O = iTrusChina Co.,Ltd. C = CN	Signing Key	sha256RSA	2048 bits	F072D934393 548A4BA5D11 73DADF07E3C B118400	F3AA6D712A 15F63F8350 804979DB54 2419A61B2B 1D22E756C4 17ABFE8D74 A3CA	vTrus Root CA
CN = vTrus YunSSL DV CA O = iTrusChina Co.,Ltd. C = CN	Signing Key	sha256RSA	2048 bits	4717F5BF9C2 85DA87025FA 6AB23F76AD9 62780C5	A7D7285843 B89B134F85 2CB52A6F43 1938257C82 6D699AA806 C894A0A1CD B847	vTrus Root CA
CN = vTrus FastSSL CA G1 O = iTrusChina Co.,Ltd. C = CN	Signing Key	sha256RSA	2048 bits	E55197EAC93 20255568F20 7E02DFB86D0 2DB6C32	3B83EB5D7A 9A5AF06275 A0A1C1B35B D562622A55 21E2699F25 559328B882 9058	vTrus Root CA



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CN = vTrus Document Signing CA O = iTrusChina Co.,Ltd. C = CN	Signing Key	sha256RSA	2048 bits	4BC432DB719 73EDAE94C7 19923CC8096 523881B	B5C3EFC7BA 547B66318C 23C93E0FB1 8301DB84AD A233B19C9F 2F26F5D64C 3559	vTrus Root CA
CN = vTrus Time Stamping CA O = iTrusChina Co.,Ltd. C = CN	Signing Key	sha256RSA	2048 bits	310BDAAE5D9 643F7CB1311 BA48F700ADD D5A29FF	F7291D1E8B CC7583AC3F A83977C6C5 EBC784A118 A397647A9F C37EF85E14 DF5C	vTrus Root CA
CN = ITC-Digicert SignBridge O = iTrusChina Co.,Ltd. C = CN	Signing Key	sha256RSA	2048 bits	C461E68BC0B 548434D909A 121BA186FCA 1DB2608	E4DE27EC98 0401A68E29 F257248AF1 ACCBFEFEF94 C6DCDF5C08 48394ADC9F D203	vTrus Root CA
CN = vTrus ECC Root CA O = iTrusChina Co.,Ltd. C = CN	Root Key	sha384ECDSA	384 bits	9839CDBED8B 28CF7B2ABE1 AD24AF7B7CA 1DB1FCF	30FBBA2C322 38E2A98547A F97931E5504 28B9B3F1C8E EB6633DCFA8 6C5B27DD3	vTrus ECC Root CA
CN = vTrus ECC DV SSL CA O = iTrusChina Co.,Ltd. C = CN	Signing Key	sha384ECDSA	256 bits	FC88BD89DC6 80F0C830905 1E4A2024E32 70CB475	4D391FC790B D702CAD3CCB C0B025C5CDD 88C6FDF274D CF5FBD3F027 A80C2C7E5	vTrus ECC Root CA
CN = vTrus ECC OV SSL CA O = iTrusChina Co.,Ltd. C = CN	Signing Key	sha384ECDSA	256 bits	35F9EFCE607 76FBBC09F68 271A8783047 08815C6	42E46C44874 59128517649 731457B6AE2 0099D541BD1 82C5497B2E6 7E6FFD0F6	vTrus ECC Root CA
CN = vTrus ECC EV SSL CA O = iTrusChina Co.,Ltd. C = CN	Signing Key	sha256ECDSA	256 bits	BF16C125066 118616BE130 19083F7E542 703B75B	BD30C0D1E7A CB83EFC4F5F 6C62F8F3A57 9BAB27527AF AE666C696C3 A867175F1	vTrus ECC Root CA



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## Appendix B

Applicable versions of Certification Practice Statement (CPS) and Certificate Policy (CP) in-scope:

Name	Version	Date
<a href="#">iTrusChina Global-Trust Certification Practice Statement</a>	1.5.7	24 September 2024
<a href="#">iTrusChina Global-Trust Certification Practice Statement</a>	1.5.6	22 August 2024
<a href="#">iTrusChina Global-Trust Certification Practice Statement</a>	1.5.5	10 July 2024
<a href="#">iTrusChina Global-Trust Certification Practice Statement</a>	1.5.4	28 March 2024
<a href="#">iTrusChina Global-Trust Certification Practice Statement</a>	1.5.3	15 December 2023
<a href="#">iTrusChina Global-Trust Certificate Policy</a>	1.5.7	24 September 2024
<a href="#">iTrusChina Global-Trust Certificate Policy</a>	1.5.6	22 August 2024
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## Appendix C

### Locations in-scope:

Location	Function
Beijing (North), China	Administration and datacenter facility
Beijing (South), China	Secure site hosting backup materials

## MANAGEMENT'S ASSERTION

iTrusChina Co., Ltd. ("iTrusChina") operates the Certification Authority (CA) services known as CAs in Appendix A, and provides the following CA services:

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

The management of iTrusChina 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, and 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 iTrusChina's Certification Authority operations. Furthermore, because of changes in conditions, the effectiveness of controls may vary over time.

iTrusChina management has assessed its disclosures of its certificate practices and controls over its CA services. Based on that assessment, in iTrusChina management's opinion, in providing its Certification Authority (CA) services at locations as enumerated in Appendix C, throughout the period 9 January 2024 to 8 January 2025, iTrusChina has:

- disclosed its business, key lifecycle management, certificate lifecycle management, and CA environmental control practices in its Certification Practice Statement (CPS) and Certificate Policy (CP) as enumerated in Appendix B
- maintained effective controls to provide reasonable assurance that:
  - iTrusChina's applicable versions of Certification Practice Statement are consistent with its applicable versions of Certificate Policy; and
  - iTrusChina provides its services in accordance with its Certificate Policy and Certification Practice Statement
- 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; 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**

- Certificate Policy Management
- Certification Practice Statement Management
- CP and CPS Consistency

#### **CA Environmental Controls**

- Security Management
- Asset Classification and Management
- Personnel Security
- Physical & Environmental Security
- Operations Management
- System Access Management
- System 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

#### **Certificate Lifecycle Management Controls**

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

iTrusChina does not escrow its CA keys, 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.

Mr. Yanzhao Li

Chief Security Officer of iTrusChina Co., Ltd.  
Room 401A, Building 4, Yard 7, Shangdi 8th RD, Haidian District, Beijing, China.

28 March 2025



## Appendix A

The list of keys and certificates covered in the management's assertion is as follow:

Subject DN	Key Type	Signature Algorithm	Key Size	Subject Key Identifier	SHA256 Certificate Thumbprints	Certificate Signed by
CN = vTrus Root CA O = iTrusChina Co.,Ltd. C = CN	Root Key	sha256RSA	4096 bits	54627063F17 58443588ED1 1620B1C6AC1 ABCF689	8A71DE65593 36F426C26E5 3880D00D88A 18DA4C6A91F 0DCB6194E20 6C5C96387	vTrus Root CA
CN = vTrus DV SSL CA O = iTrusChina Co.,Ltd. C = CN	Signing Key	sha256RSA	2048 bits	63AFFD9FE66 96719F5BF18 E99CFD75199 E2FFBFE	0A85075DD6 B382EAB314 49823DB8BE D6B61A4417 14165E33FA CA42CD9C8D EC2A	vTrus Root CA
CN = vTrus OV SSL CA O = iTrusChina Co.,Ltd. C = CN	Signing Key	sha256RSA	2048 bits	E472C3A7329 87BC2A15B02 70875494718 4B0FDE6	2CF5539249 A9E38FC010 E29FF3E804 6658F3D030 B933104736 87FA91F8DA 44CA	vTrus Root CA
CN = vTrus EV SSL CA O = iTrusChina Co.,Ltd. C = CN	Signing Key	sha256RSA	2048 bits	F072D934393 548A4BA5D11 73DADF07E3C B118400	F3AA6D712A 15F63F8350 804979DB54 2419A61B2B 1D22E756C4 17ABFE8D74 A3CA	vTrus Root CA
CN = vTrus YunSSL DV CA O = iTrusChina Co.,Ltd. C = CN	Signing Key	sha256RSA	2048 bits	4717F5BF9C2 85DA87025FA 6AB23F76AD9 62780C5	A7D7285843 B89B134F85 2CB52A6F43 1938257C82 6D699AA806 C894A0A1CD B847	vTrus Root CA
CN = vTrus FastSSL CA G1 O = iTrusChina Co.,Ltd. C = CN	Signing Key	sha256RSA	2048 bits	E55197EAC93 20255568F20 7E02DFB86D0 2DB6C32	3B83EB5D7A 9A5AF06275 A0A1C1B35B D562622A55 21E2699F25 559328B882 9058	vTrus Root CA
CN = vTrus Document Signing CA O = iTrusChina Co.,Ltd. C = CN	Signing Key	sha256RSA	2048 bits	4BC432DB719 73EDAEA94C7 19923CC8096 523881B	B5C3EFC7BA 547B66318C 23C93E0FB1 8301DB84AD A233B19C9F 2F26F5D64C 3559	vTrus Root CA

CN = vTrus Time Stamping CA O = iTrusChina Co.,Ltd. C = CN	Signing Key	sha256RSA	2048 bits	310BDAAE5D9 643F7CB1311 BA48F700ADD D5A29FF	F7291D1E8B CC7583AC3F A83977C6C5 EBC784A118 A397647A9F C37EF85E14 DF5C	vTrus Root CA
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CN = vTrus ECC Root CA O = iTrusChina Co.,Ltd. C = CN	Root Key	sha384ECDSA	384 bits	9839CDBED8B 28CF7B2ABE1 AD24AF7B7CA 1DB1FCF	30FBBA2C322 38E2A98547A F97931E5504 28B9B3F1C8E EB6633DCFA8 6C5B27DD3	vTrus ECC Root CA
CN = vTrus ECC DV SSL CA O = iTrusChina Co.,Ltd. C = CN	Signing Key	sha384ECDSA	256 bits	FC88BD89DC6 80F0C830905 1E4A2024E32 70CB475	4D391FC790B D702CAD3CCB C0B025C5CDD 88C6FDF274D CF5FBD3F027 A80C2C7E5	vTrus ECC Root CA
CN = vTrus ECC OV SSL CA O = iTrusChina Co.,Ltd. C = CN	Signing Key	sha384ECDSA	256 bits	35F9EFCE607 76FBB09F68 271A8783047 08815C6	42E46C44874 59128517649 731457B6AE2 0099D541BD1 82C5497B2E6 7E6FFD0F6	vTrus ECC Root CA
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