

Report of Independent Accountant

To the Management of CERTISIGN CERTIFICADORA DIGITAL – Certificate Authority:

We have examined the [assertion](#) by the management of Certisign Certificadora Digital (CERTISIGN-CA¹), that in providing its Certification Authority (CA) services in Brazil for AC Certisign and the subordinated CAs presented in the appendix A, during the period January 1st 2016 through June 30th 2016, CERTISIGN - CA has:

- Disclosed its Business, Key Life Cycle Management, Certificate Life Cycle Management, and CA Environmental Control practices as follows:
 - [Certification Practice Statement](#)
 - Certificate Policy
- Maintained effective controls to provide reasonable assurance that:
 - CERTISIGN - CA's Certification Practice Statement is consistent with its Certificate Policy
 - CERTISIGN - CA 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 life cycles;
 - The integrity of subscriber keys and certificates it manages is established and protected throughout their life cycles;
 - The Subscriber information is properly authenticated (for the registration activities performed by CERTISIGN - CA); 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 was restricted to authorized individuals;
 - The continuity of key and certificate management operations was maintained; and
 - CA systems development, maintenance and operations were properly authorized and performed to maintain CA systems integrity.

based on the [Trust Services Principles and Criteria for Certification Authorities, Version 2.0](#).

CERTISIGN - CA's management is responsible for its assertion. Our responsibility is to express an opinion on management's assertion based on our examination.

¹ During our audit procedures, we verified that, according to Certisign Certification Practice Statement "CPS", when providing server Certificates, Service Centers (CERTISIGN-CA) becomes RA within the STN "Symantec Trusted Network" for a Symantec CA issuing server certificates. The Service Centers performs validation functions to approve or reject server Certificate applications.

CERTISIGN - CA's makes use of external registration authorities for specific subscriber registration activities as disclosed in CERTISIGN - CA's business practice disclosures. Our examination did not extend to the controls exercised by the external registration authorities.

Our examination was conducted in accordance with attestation standards established by the American Institute of Certified Public Accountants, and accordingly, included (1) obtaining an understanding of CERTISIGN - CA's key and certificate life cycle management business practices and its controls over key and certificate integrity, over the authenticity and privacy of subscriber and relying party information, over the continuity of key and certificate life cycle management operations, and over development, maintenance, and operation of systems integrity; (2) selectively testing transactions executed in accordance with disclosed key and certificate life cycle 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 our examination provides a reasonable basis for our opinion.

The relative effectiveness and significance of specific controls at CERTISIGN - CA 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.

Because of the nature and inherent limitations of controls, CERTISIGN - CA'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.

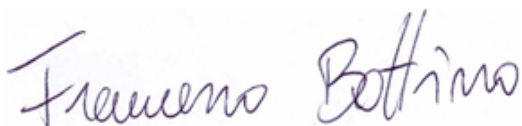
In our opinion, for the period January 1st 2016 through June 30th 2016, CERTISIGN - CA management's assertion, referred to above is fairly stated, in all material respects, based on the [Trust Services Principles and Criteria for Certification Authorities, Version 2.0](#).

The Webtrust seal of assurance for certification authorities on CERTISIGN - CA website 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.

This report does not include any representation as to the quality of CERTISIGN - CA's services beyond those covered by the [Trust Services Principles and Criteria for Certification Authorities, Version 2.0](#) criteria or the suitability of any of CERTISIGN - CA's services for any customer's intended purpose.

03/08/2017

Ernst & Young Auditores Independentes S.S.
Rio de Janeiro – Brazil



Francesco Bottino
Partner

Assertion by Management of Certisign Certificadora Digital Certification Authority regarding Its Disclosure of Its Business Practices and Its Controls Over Its

Certification Authority Operations during the Period January 1st 2016 through June 30th, 2016

08/03/2017

Certisign Certificadora Digital (CERTISIGN – CA²) operates Certification Authority (CA) services for AC Certisign and the subordinated CAs presented in the appendix A.

CERTISIGN – CA provides the following certification authority services:

- Subscriber key management services
- Subscriber registration
- Certificate renewal
- Certificate rekey
- Certificate issuance
- Certificate distribution (using an online repository)
- Certificate revocation
- Certificate status information processing (using an online repository)

Management of CERTISIGN - CA is responsible for establishing and maintaining effective controls over its CA operations, including CA business practices disclosure, service integrity (including key and certificate life cycle management controls), and CA environmental controls. These controls contain monitoring mechanisms, and actions are taken to correct deficiencies identified.

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

Management has assessed the controls over its CA operations. Based on that assessment, in Certisign Certification Authority (CERTISIGN - CA) Management's opinion, in providing its Certification Authority (CA) services in Brazil, CERTISIGN - CA, during the period January 1st 2016 through June 30th, 2016, it:

- a) Disclosed its Business, Key Life Cycle Management, Certificate Life Cycle Management, and CA Environmental Control practices in its:
 - [Certification Practice Statement](#) and
 - Certificate Policy
- b) Has performed an assessment and believes that CERTISIGN - CA business practices disclosure, service integrity (including key and certificate life cycle management controls), and CA environmental controls

² During our audit procedures, we verified that, according to Certisign Certification Practice Statement "CPS", when providing server Certificates, Service Centers (CERTISIGN-CA) becomes RA within the STN "Symantec Trusted Network" for a Symantec CA issuing server certificates. The Service Centers performs validation functions to approve or reject server Certificate applications.

- c) Met the minimum requirement of the criteria described in our assertion document during the period January 1st 2016 through June 30th, 2016.
- d) Believes the stated criteria against which our assertion has been assessed are reasonable and appropriate.
- e) Has disclosed to you that there are no significant deficiencies in the design or operation of the controls, which could adversely affect CERTISIGN - CA's ability to comply with the control criteria related to CERTISIGN - CA's CA business practices disclosure, service integrity (including key and certificate life cycle management controls), and CA environmental controls, consistent with our assertions.
- f) Has made available to you all significant information and records related to our assertion.
- g) Has responded fully to all inquiries made to us by you during your examination.
- h) Has disclosed to you any changes occurring, or planned to occur, subsequent to [11/11/2016], in controls or other factors that might significantly affect the controls, including any corrective actions taken by management with regard to significant deficiencies.

In management's opinion, CERTISIGN-CA, in providing its Certification Authority (CA) services in Brazil, CERTISIGN-CA, during the period January 1st 2016 through June 30th, 2016.

- Disclosed its key and certificate life cycle management business practices and provided such services in accordance with its disclosed practices
- Maintained effective controls to provide reasonable assurance that:
 - Subscriber information was properly authenticated (for the registration activities performed by CERTISIGN-CA) and
 - The integrity of keys and certificates it managed was established and protected throughout their life cycles
- Maintained effective controls to provide reasonable assurance that:
 - Subscriber and relying party information was restricted to authorized individuals and protected from uses not specified in the CA's business practices disclosure;
 - The continuity of key and certificate life cycle management operations was maintained; and
 - CA systems development, maintenance, and operations were properly authorized and performed to maintain CA systems integrity

For the CERTISIGN-CA based on the AICPA [Trust Services Principles and Criteria for Certification Authorities, Version 2.0](#), including the following:

CA Business Practices Disclosure

CA Business Practices Management
Certification Practice Statement Management
Certificate Policy Management

Service Integrity

CA Key Life Cycle 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 Life Cycle Management
CA-Key Escrow

Certificate Life Cycle Management Controls

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

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

Isaac Khafif

CERTISIGN CERTIFICADORA DIGITAL – Certificate Authority

Julio Cosentino

CERTISIGN CERTIFICADORA DIGITAL – Certificate Authority

APPENDIX A

List of subordinated CAs:

AC Imprensa Oficial SP
AC BR RFB
AC Certisign Múltipla
AC Certisign RFB
AC Certisign Soluções Corporativas
AC Certisign SPB
AC Certisign Tempo
AC Certisign-JUS
AC FENANCON Certisign RFB
AC Imprensa Oficial
AC Imprensa Oficial SP RFB
AC Instituto Fenacon
AC Instituto Fenacon RFB
AC Notarial RFB
AC OAB
AC PETROBRAS
AC PRODEMGE
AC PRODEMGE RFB
AC SINCOR
AC SINCOR RFB
AC SINCOR RIO RFB
Certisign Application CA
Certisign Email CA
Certisign SSL CA
AC Assembleias Online
AC BASF
AC EGBA Múltipla
AC CAB RFB
AC Certisign Corporativa
AC Certisign Parceria
AC CertiSign VPN
Certisign Root CA
AC Conecta Tecnologia
AC ICE CARD
AC PRODERJ
AC Raiz SEFAZ SP
AC SAT SEFAZ SP
AC VERTAX
Automated Administration
Automated Administration - G2
Automated Administration G2
Autoridade Certificadora Conecta Tecnologia
Autoridade Certificadora Imprensa Oficial SP
Autoridade Certificadora TIM
Banestes AC Raiz
Banestes Autoridade Certificadora
BASF SA AC

Brazilian Aeronautical Commission CA
Centro de Tecnologia da Inform. e Comunic. Do Estado do RJ
Certisign Automated Administration
CertiSign Autoridade Certificadora Classe 2
Certisign Class 1 Consumer Individual Subscriber CA - G2
Certisign Class 2 CA
Certisign Class 2 CA - G2
Certisign Class 2 Managed PKI Individual Subscriber CA - G2
Certisign Class 2 OnSite Individual Subscriber CA
Certisign Class 3 OnSite Enterprise Administrator CA
Certisign Class 3 OnSite Enterprise Administrator CA - G2
Certisign Class 3 OnSite Operational Administrator CA
Certisign Class 3 OnSite SCO Administrator CA
Certisign Class 3 Private MPKI Enterprise Administrator CA
Certisign Class 3 Private MPKI Operational Administrator CA
Certisign Class 3 Private MPKI SCO Administrator CA
Certisign Private Managed PKI Enterprise Administrator CA – G2
Certisign Private OCSP TEST CA
Certisign Private OnSite Enterprise Administrator CA
Certisign PRIVATE TEST CA Certisign Timestamping CA
Certisign VPN
Certisign IPsec CA
Entidade Certificadora Globo CA - G2
Entidade Certificadora TV Globo CA
Certisign Signature Services CA

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O(s) nome(s) indicado(s) para assinatura, bem como seu(s) status em 22/03/2017 é(são) :

- Julio Cesar Rogerio Cosentino (Signatário) - 715.245.177-04 em 17/03/2017 17:45 UTC-03:00
Tipo: Certificado Digital
- Isaac Khafif (Signatário) - 022.707.248-01 em 22/03/2017 17:33 UTC-03:00
Tipo: Certificado Digital

