

**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 1<sup>st</sup>, 2014 Through December 31<sup>st</sup>, 2014**

April 29, 2016

Certisign Certificadora Digital Certification Authority operates as a Certification Authority (CA) known as CERTISIGN - CA. CERTISIGN - CA, as a first level Certification Authority, provides the following certification authority services:

- Certificate renewal
- Certificate rekey
- Certificate issuance
- Certificate distribution (using an online repository)
- Certificate revocation
- Certificate status information processing (using an online repository)

CERTISIGN - CA makes use of external registration authorities for specific subscriber registration activities as disclosed in CERTISIGN-CA's business practice disclosures.

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 1<sup>st</sup>, 2014 through December 31<sup>st</sup>, 2014, it:

- Disclosed its Business, Key Life Cycle Management, Certificate Life Cycle Management, and CA Environmental Control practices in its Certification Practice Statement and Certificate Policy and provided services in accordance with its disclosed practices.
- 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 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
- Disclosed its SSL certificate Life Cycle Management Business Practices in its Certification Practice Statement and Certificate Policy including its commitment to provide SSL certificates in conformity with the CA/Browser Forum Guidelines on the CERTISIGN-CA website, and provided such services in accordance with its disclosed practices
- Maintained effective controls to provide reasonable assurance that:
  - the integrity of keys and SSL certificates it manages is established and protected throughout their life cycles; and
  - SSL subscriber information is properly authenticated (for the registration activities performed by CERTISIGN-CA)
- Maintained effective controls to provide reasonable assurance that it meets the Network and System Security Requirements as set forth by the CA/Browser Forum.

For the First Level CA (AC Certisign, Certisign Root CA and AC Imprensa Oficial SP), the Subordinate Root CA (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), the Corporate CA (AC Assembleias Online, AC BASF, AC Certisign Corporativa, AC Certisign Parceria, AC CertiSign VPN, AC Conecta Tecnologia, AC ICE CARD, AC Porto Seguro, AC PRODERJ, AC Raiz SEFAZ SP, AC SAT SEFAZ SP, ACVERTAX, 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, Certisign Class 2 CA - G2, Certisign Class 2 CA - G2, Certisign Class 2 Managed PKI Individual Subscriber CA - G2, Certisign Class 2 OnSite Individual Subscriber CA, Certisign Class 3 Managed PKI Enterprise Administrator CA - G3, Certisign Class 3 Managed PKI Enterprise Administrator CA - G3, 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, CertisignIPSec CA, CommHubPrd, Custody, Entidade Certificadora Globo CA - G2 and Entidade Certificadora TV Globo CA), the time-stamping authority (ACT Certisign) and the End User CA (SAT SEFAZ SP Resposta OCSP:46379400000150 and União Brasileira dos Estudantes Secundários), based on the AICPA Trust Service Principles and Criteria for Certification Authorities, Version 2.0 and SSL Baseline Requirements Audit Criteria, Version 1.1.

### 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 (if applicable)

#### Certificate Life Cycle Management Controls

Certificate Renewal (if supported)  
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

SSL Policy Disclosure

SSL Policies

SSL Service Integrity

Key Generation Ceremony  
Certification Content and Profile  
Certificate Request Requirements  
Verification Practices  
Certificate Revocation and Status Checking  
Employee and Third Parties  
Data Records  
Audit

SSL CA Environmental Security Controls

SSL CA Environmental Security



Name: Roni Franco



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CERTISIGN CERTIFICADORA DIGITAL – Certificate Authority

Name: Julio Cosentino



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CERTISIGN CERTIFICADORA DIGITAL – Certificate Authority