

## Independent Assurance Report

### To the Management of CERTISIGN CERTIFICADORA DIGITAL – Certificate Authority:

We have examined Certisign Certificadora Digital (CERTISIGN-CA) management's [assertion](#), that for its Certification Authority (CA) operations in Brazil, as of March 2<sup>nd</sup> 2018 for AC Certisign and the subordinated CAs presented in the appendix A, CERTISIGN - CA has:

- Disclosed its Business, Key Life Cycle Management, Certificate Life Cycle Management, and CA Environmental Control practices in its:
  - [Certification Practice Statement](#)
  - Certificate Policy
- Suitably designed and placed into operation, 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
- Suitably designed and placed into operation, 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
- Suitably designed and placed into operation, 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 [Webtrust 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.

The suitability of the design of the 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 suitability of the design of the controls at individual subscriber and relying party locations.

CERTISIGN - CA's makes use of external registration authorities for specific subscriber registration activities as disclosed in CERTISIGN - CA's business practices. 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. Those standards require that we plan and perform the examination to obtain reasonable assurance about whether management's assertion is fairly stated, in all material aspects. An examination involves performing procedures to obtain evidence about management's assertion. The nature, timing and extent of the procedures selected depend on our judgment, including an assessment of the risks of material misstatement of management's assertion, whether due to fraud or error. We believe that the evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.

We did not perform procedures to determine the operating effectiveness of controls for any period. Accordingly, we express no opinion on the operating effectiveness of any aspects of CERTISIGN - CA's controls, individually or in the aggregate.

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. In addition, 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, CERTISIGN - CA management's assertion, as referred to above, is fairly stated, in all material respects.

This report does not include any representation as to the quality of CERTISIGN - CA's services other than its CA operations in Brazil, nor the suitability of any of CERTISIGN - CA's services for any customer's intended purpose.

Ernst & Young Auditores Independentes S.S.  
Rio de Janeiro, Brazil.  
April 2018