certSIGN WebTrust CA
Report of independant accountants
February 15, 2013

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Report of Independent Accountants

To the Management of CERTSIGN SA:

We have examined the assertion by the management of CERTSIGN SA that in providing its Certification Authority (CA) services known as CERTSIGN Root CA in Bucharest, Romania, during the period October 16, 2011 through October 15, 2012, CERTSIGN SA has:

- Disclosed its key and certificate life cycle management business and information privacy practices and provided such services in accordance with its disclosed practices as follows:

  CERTSIGN - CA   Certificate Policy
                               Certification Practice Statement

- Maintained effective controls to provide reasonable assurance that:

  - The integrity of keys and certificates it managed was established and protected throughout their life cycles;

  - Subscriber information was properly authenticated for the registration activities performed by CERTSIGN SA;

  - Subordinate CA certificate requests were accurate, autheticated and approved;

  - Logical and physical access to CA systems and data was restricted to authorized individuals and protected from uses not specified in the CA's business practice 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,

based on the [AICPA/CICA WebTrust for Certification Authorities Criteria].

CERTSIGN SA's management is responsible for its assertion. Our responsibility is to express an opinion on management's assertion based on our examination. Our examination did not extend to the controls of individual subscribers or relying party locations.

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 CERTSIGN SA's key and certificate life cycle management business and information privacy practices and its controls over key and certificate integrity, over the authenticity of subscriber information, over the subordinate CA certificate requests authenticity, accuracy and approval, over the logical and physical access to CA systems and data, 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 and information privacy practices; (3) testing and evaluating the operating effectiveness of 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.

Because of inherent limitations in controls, errors or fraud may occur and not be detected. Furthermore, the projection of any conclusions, based on our findings, to future periods is subject to the risk that the validity of such conclusions may be altered because of changes made to the system or controls, the failure to make needed changes to the system, or deterioration in the degree of effectiveness of the controls.

In our opinion, for the period October 16, 2011 through October 15, 2012, CERTSIGN SA management's assertion, as set forth in the first paragraph, is fairly stated, in all material respects, based on the AICPA/CICA WebTrust for Certification Authorities Criteria

The relative effectiveness and significance of specific controls at CERTSIGN SA and their effect on assessment of control risk for subscriber and relying parties are dependent on their interaction with the controls and other elements 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.

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

Ernst & Young SRL
February 15, 2013

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Assertions of Management as to
its Disclosure of its Business Practices and its Controls
over its Certification Authority Operations
during the period from October 16, 2011 through October 15, 2012

October 15, 2012

CERTSIGN SA operates as a Certification Authority (CA) known as CERTSIGN root CA and provides the following certification authority activities:

- Subscriber registration
- Certificate renewal
- Certificate issuance
- Certificate distribution (using online repository)
- Certificate revocation
- Certificate suspension
- Certificate status information processing (using online repository)

Management of CERTSIGN is responsible for establishing and maintaining effective controls over its CA operations, including its CA business practices disclosure in the <u>Certification Practice Statement</u>, 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.

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 provide only reasonable assurance with respect to CERTSIGN SA's Certification Authority operations. Furthermore because of changes in conditions, the effectiveness of controls may vary over time.

Management of CERTISIGN SA has assessed the controls over its CA operations. Based on that assessment, in CERTISIGN SA management's opinion, in providing its Certification Authority (CA) services known as certSIGN Root CA in Bucharest, Romania, during the period from October 16, 2011 through October 15, 2012, CERTSIGN SA has:

- Disclosed its key and certificate life cycle management business and information privacy practices, and provided such services in accordance with its disclosed practices described in its <u>Certification Practice Statement</u> and

- Maintained effective controls to provide reasonable assurance that:
  - Subscriber information was properly authenticated (for the registration activities performed by CERTSIGN SA and authorized independent third party registration authorities), and
  - The integrity of keys and certificates it managed was established and protected throughout their life cycles, and
  - Subscriber and relying party information was restricted to authorized individuals and protected from uses not specified in its Certification Practice Statement, and
  - 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

based on the AICPA/CICA WebTrust for Certification Authorities Criteria, including the following:

1. CA BUSINESS PRACTICES DISCLOSURE

Certification Practice Statement (CPS)

Certificate Policy

2. CA BUSINESS PRACTICES MANAGEMENT

Certificate Policy Management

Certification Practice Statement Management

CP and CPS Consistency

3. 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

4. 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

5. SUBSCRIBER KEY LIFE CYCLE MANAGEMENT CONTROLS is not applicable to certSIGN-CA

CA-Provided Subscriber Key Generation Services

CA-Provided Subscriber Key Storage and Recovery Services is not applicable to certSIGN-CA

Integrated Circuit Card (ICC) Life Cycle Management is not applicable to certSIGN-CA

Requirements for Subscriber Key Management is not applicable to certSIGN-CA

6. CERTIFICATE LIFE CYCLE MANAGEMENT CONTROLS

Subscriber Registration

Certificate Renewal

Certificate Rekey

Certificate Issuance

Certificate Distribution

Certificate Revocation

Certificate Validation

7. SUBORDINATE CA CERTIFICATE LIFE CYCLE MANAGEMENT CONTROLS

Subordinate CA Certificate Life Cycle Management

CERTSIGN SA

Nicolae Ghibu
General Director