

## Independent Assurance Report

### To the Management of SOLUTI - SOLUCOES EM NEGOCIOS INTELIGENTES S/A (“SOLUTI GLOBAL ROOT CA”):

We have been engaged, in a reasonable assurance engagement, to report on *Soluti Global Root CA* management’s assertion that for its Certification Authority (CA) operations at *Rio de Janeiro, Brazil* and *São Paulo, Brazil*, throughout the period July 04, 2023 to October 30, 2023, for its CAs as enumerated in the [Attachment A](#), Soluti Global Root CA has:

- disclosed its business, key lifecycle management, certificate lifecycle management, and CA environmental control practices in its:
  - [Certification Practice Statement](#)
- maintained effective controls to provide reasonable assurance that:
  - *Soluti Global Root CA* provides its services in accordance with its 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 (for the registration activities performed by Soluti Global Root 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.

in accordance with the [Webtrust Principles and Criteria for Certification Authorities, Version 2.2.2](#).

*Soluti Global Root CA* does not escrow its CA keys, does not provide subscriber key generation services, does not provide rekey or renewal services, does not provide subscriber key management and does not provide certificate suspension services. Accordingly, our procedures did not extend to controls that would address those criteria.

#### **Certification authority’s responsibilities**

*Soluti Global Root CA* 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, Version 2.2.2](#).

## **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.

## **Practitioner'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 *Soluti Global Root CA*'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.

The relative effectiveness and significance of specific controls at *Soluti Global Root 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.

## **Inherent limitations**

There are inherent limitations in the effectiveness of any system of internal control, including the possibility of human error and the circumvention of controls. For example, because of their nature, controls may not prevent, or detect unauthorized access to systems and information, or failure to comply with internal and external policies or requirements. Also, the projection to the future of any conclusions based on our findings is subject to the risk that controls may become ineffective.

## **Opinion**

In our opinion, throughout the period July 04, 2023 to October 30, 2023, *Soluti Global Root CA* 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, Version 2.2.2](#).

This report does not include any representation as to the quality of *Soluti Global Root CA's* services beyond those covered by the [Webtrust Principles and Criteria for Certification Authorities, Version 2.2.2](#), nor the suitability of any of *Soluti Global Root CA's* services for any customer's intended purpose.

## **Use of the WebTrust seal**

*Soluti Global Root CA'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.

Ernst & Young Auditores Independentes S.S.  
Rio de Janeiro, RJ/ Brazil

January, 26 2024

Gustavo Rosa  
Partner



## **SOLUTI - SOLUCOES EM NEGOCIOS INTELIGENTES S/A (“SOLUTI GLOBAL ROOT CA”) Management’s Assertion**

**SOLUTI - SOLUCOES EM NEGOCIOS INTELIGENTES S/A (“SOLUTI GLOBAL ROOT CA”)** operates the Certification Authority (CA) services for *Soluti Global Root CA* and the subordinated CAs presented in the [Attachment A](#), and provides the following CA services:

- Certificate issuance
- Certificate distribution
- Certificate revocation
- Certificate validation

The management of *Soluti Global Root CA* is responsible for establishing and maintaining effective controls over its CA operations, including its CA business practices disclosure on its repositories presented in the [Attachment B](#), CA business practices management, CA environmental controls, CA key lifecycle management controls, certificate lifecycle management controls, and subordinate CA 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 *Soluti Global Root CA* operations. Furthermore, because of changes in conditions, the effectiveness of controls may vary over time.

*Soluti Global Root CA* management has assessed its disclosures of its certificate practices and controls over its CA services. Based on that assessment, in *Soluti Global Root CA* management opinion, in providing its Certification Authority (CA) services in *Rio de Janeiro, Brazil* and *São Paulo, Brazil*, throughout the period July 04, 2023 to October 30, 2023, *Soluti Global Root CA* has:

- disclosed its business, key lifecycle management, certificate lifecycle management, and CA environmental control practices in its:
  - [Certification Practice Statement](#)
- maintained effective controls to provide reasonable assurance that:
  - *Soluti Global Root CA* provides its services in accordance with its 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 (for the registration activities performed by Soluti Global Root 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

in accordance with the [Webtrust Principles and Criteria for Certification Authorities, Version 2.2.2](#), including the following:

#### **CA Business Practices Disclosure**

- Certification Practice Statement (CPS)

#### **CA Business Practices Management**

- Certification Practice Statement Management
- CP and CPS Consistency

#### **CA Environmental Controls**

- Security Management
- Asset Classification and Management
- Personnel Security
- Physical and 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

#### **Subscriber Key Lifecycle Management Controls**

- Integrated Circuit Card (ICC) Lifecycle Management



### **Certificate Lifecycle Management Controls**

- Certificate Issuance
- Certificate Distribution
- Certificate Revocation
- Certificate Validation

### **Subordinate CA Certificate Life Cycle Management Controls**

- Subordinate CA Certificate Lifecycle Management

*Soluti Global Root CA* does not escrow its CA keys, does not provide subscriber key generation services, does not provide rekey or renewal services, does not provide subscriber key management services and does not provide certificate suspension services. Accordingly, our assertion does not extend to controls that would address those criteria.

January, 26 2024  
Goiás, GO/ Brazil

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***SOLUTI - SOLUCOES EM NEGOCIOS INTELIGENTES S/A***

## ATTACHMENT A

### List of CAs in Scope

<b>Root CAs</b>
1. Soluti Global Root CA
<b>OV SSL Issuing Cas</b>
2. Soluti SSL OV CA
<b>EV SSL Issuing CAs</b>
3. Soluti SSL EV CA
<b>Others CAs</b>
4. Soluti SSL Alpha CA
5. Soluti SSL DV CA

### List of CAs in Scope – Detailed Information

CA#	Subject	Issuer	Serial Number	Key Algorithm	Key Size	Digest Algorithm	SKI	SHA256 fingerprint
1	CN = Soluti Global Root CA O = Soluti C = BR	CN = Soluti Global Root CA O = Soluti C = BR	08af9d11b2e8df3bdb51	RSA	2048 bits	sha256With RSA	f3c3ad092cde51e3505ddc97f52ca360df6e2930	C6C5D3A07C1246A03F7EEAF026D70CD310B06714C0FF2AE89DDDAB09FC385DED
2	CN = Soluti SSL OV CA O = Soluti C = BR	CN = Soluti Global Root CA O = Soluti C = BR	6bc2eb0f25ad13b88805	RSA	2048 bits	sha256With RSA	3b1d6f73b426567c77122219794fb0cd71b44dbd	5DE5FF7A866E77B7BB851371C98E78FE8BD68B32D35FF5625DA6CBB519DE5BE0
3	CN = Soluti SSL EV CA O = Soluti C = BR	CN = Soluti Global Root CA O = Soluti C = BR	4dc7d4992446b23df7d9	RSA	2048 bits	sha256With RSA	8103654febdd9e09daa47260f5ea90673d8494c1	E983B727AE73AE42B5A3A879A9DC70C15A3FC94F6E94E6CA272848E17B6DD45B
4	CN = Soluti SSL Alpha CA O = Soluti C = BR	CN = Soluti Global Root CA O = Soluti C = BR	3e0494fed3803057efe0	RSA	2048 bits	sha256With RSA	34aeeb0dd4654df69ec909ca82637294f1b12b61	E07E264BC78E9E8CA37F0C009B5929CD94173893EF100A955CA7B7A5ACF91D17

CA#	Subject	Issuer	Serial Number	Key Algorithm	Key Size	Digest Algorithm	SKI	SHA256 fingerprint
5	CN = Soluti SSL DV CA O = Soluti C = BR	CN = Soluti Global Root CA O = Soluti C = BR	14dd7e5e47 fa3ee58543	RSA	2048 bits	sha256With RSA	a8988349db12692cd d1f67af64f62519132 357a1	1ADF81715DC8EBF 12AC8430ABE794A2 D046819FB4478CC0 3C6A0869040C72A3 6

## ATTACHMENT B

### List of CAs in Scope – Certification Practice Statement and Certificate Policy

CA#	CA	CPS - Latest Version Available	CP - Latest Version Available	URL
1	Soluti Global Root CA	Soluti Practice Statement - Version 1.1 - 28/09/2023	Certificate Policy Type – Version 1.1 - 28/09/2023	<a href="#">Repository Link</a>
2	Soluti SSL OV CA	Soluti Practice Statement - Version 1.1 - 28/09/2023	Certificate Policy Type – Version 1.1 - 28/09/2023	<a href="#">Repository Link</a>
3	Soluti SSL EV CA	Soluti Practice Statement - Version 1.1 - 28/09/2023	Certificate Policy Type – Version 1.1 - 28/09/2023	<a href="#">Repository Link</a>
4	Soluti SSL Alpha CA	Soluti Practice Statement - Version 1.1 - 28/09/2023	Certificate Policy Type – Version 1.1 - 28/09/2023	<a href="#">Repository Link</a>
5	Soluti SSL DV CA	Soluti Practice Statement - Version 1.1 - 28/09/2023	Certificate Policy Type – Version 1.1 - 28/09/2023	<a href="#">Repository Link</a>