



REPORT OF THE INDEPENDENT ACCOUNTANT

To the management of Comsign Ltd. ("Comsign"):

We have examined Comsign management's assertion that for its Certification Authority (CA) operations at the Atidim Teach Park, building #4 Tel-Aviv, Israel, throughout the period from April 27, 2018 through April 26, 2019, for its self-signed Root Keys "ComSign International Root CA" and "Comsign Global Root CA", Comsign has:

	ComSign International Root CA	Comsign Global Root CA
Signature hash algorithm	SHA256	SHA256
Issuer	CN = ComSign International Root CA OU = Root CA O = ComSign Ltd. C = IL	CN = ComSign Global Root CA O = ComSign Ltd. C = IL
Thumbprint	0e 41 89 00 0b cd 18 b6 2b 2a 53 27 0c de ad f1 8a 3d 41 16	ae 3b 31 bf 8f d8 91 07 9c f1 df 34 cb ce 6e 70 d3 7f b5 b0

- disclosed its SSL certificate lifecycle management business practices in its:
 - [Comsign's Certification Practice Statement \(CPS\) Version 4.2](#)

Including its commitment to provide SSL certificates in conformity with the CA/Browser Forum Requirements on the Comsign 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 lifecycles; and
 - SSL subscriber information is properly authenticated (for the registration activities performed by Comsign)
- 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
- maintained effective controls to provide reasonable assurance that it meets the Network and Certificate System Security Requirements as set forth by the CA/Browser Forum

Based on the [WebTrust Principles and Criteria for Certification Authorities – SSL Baseline with Network Security v2.3](#).

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



We conducted our examination in accordance with standards for attestation engagements established by the American Institute of Certified Public Accountants and, accordingly, included:

- (1) obtaining an understanding of Comsign's SSL certificate lifecycle management business practices, including its relevant controls over the issuance, renewal, and revocation of SSL certificates, and obtaining an understanding of Comsign's network and certificate system security to meet the requirements set forth by the CA/Browser Forum;
- (2) selectively testing transactions executed in accordance with disclosed SSL certificate lifecycle management 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 Comsign 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, Comsign'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, throughout the period April 27, 2017 through April 26, 2018, Comsign management's assertion, as referred to above, is fairly stated, in all material respects, based on the [WebTrust Principles and Criteria for Certification Authorities – SSL Baseline with Network Security v2.3](#).

This report does not include any representation as to the quality of Comsign's services beyond those covered by the [WebTrust Principles and Criteria for Certification Authorities – SSL Baseline with Network Security v2.3](#), nor the suitability of any of Comsign's services for any customer's intended purpose.

Comsign'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.

Ziv Haft
Ziv Haft

Certified Public Accountants (Isr.)
BDO Member Firm

Tel-Aviv, Israel
April 26, 2019

אילת | נצרת עילית | מודיעין עילית | פתח תקווה | קרית שמונה | בני ברק | באר שבע | חיפה | ירושלים | תל אביב
08-6339911 | 04-6555888 | 08-9744111 | 077-7784180 | 077-5054906 | 073-7145300 | 077-7784100 | 04-8680600 | 02-6546200 | 03-6386868

www.bdo.co.il: **דוא"ל: bdo@bdo.co.il** בקרו באתר שלנו: 6618001 תל אביב, דרך מנחם בגין 48, בית אמות BDO, משרד ראשי:

BDO Israel, an Israeli partnership, is a member of BDO International Limited, a UK company limited by guarantee, and forms part of the international BDO network of independent member firms. BDO is the brand name for the BDO network and for each of the BDO Member Firms



Assertion by Management of Comsign Ltd Regarding Its Disclosure of its Certificate Practices and its Controls Over its SSL Certification Authority Services during the period from April 27, 2018 through April 26, 2019

Comsign Ltd. ("Comsign") operates the Certification Authority (CA) services known as "ComSign International Root CA" and "Comsign Global Root CA" and provides SSL CA services.

The management of Comsign is responsible for establishing and maintaining effective controls over its SSL CA operations, including its network and certificate security system controls, its SSL CA business practices disclosure on its website, SSL key lifecycle management controls, and SSL 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 Comsign's Certification Authority operations. Furthermore, because of changes in conditions, the effectiveness of controls may vary over time.

Comsign management has assessed its disclosures of its certificate practices and controls over its SSL CA services. Based on that assessment, in Comsign management's opinion, in providing its SSL Certification Authority (CA) services at the Atidim Teach Park, building #4 Tel-Aviv, Israel, throughout the period from April 27, 2018 through April 26, 2019, Comsign has:

- disclosed its SSL certificate lifecycle management business practices in its:
 - [Comsign's Certification Practice Statement \(CPS\) Version 4.2](#)

Including its commitment to provide SSL certificates in conformity with the CA/Browser Forum Requirements on the Comsign 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 lifecycles; and
 - SSL subscriber information is properly authenticated (for the registration activities performed by Comsign)
- 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
- maintained effective controls to provide reasonable assurance that it meets the Network and Certificate System Security Requirements as set forth by the CA/Browser Forum

Based on the [WebTrust Principles and Criteria for Certification Authorities – SSL Baseline with Network Security v2.3](#).

Zeev Shetach, CEO
Comsign Ltd.

April 26, 2019