

Independent Assurance Report

To the Management of Certipost NV/SA, Verizon Terremark NV/SA, Zetes NV/SA, the Belgian Federal Public Service Policy and Support and the Belgian Home Affairs Federal Public Service

Further "the Belgian Government Certification Authority":

Scope

We have been engaged, in a reasonable assurance engagement, to report on the management assertions of the Belgian Government Certification Authority that for its Certification Authority (CA) operations at Brussels (Belgium), Diegem (Belgium) and Sint-Pieters-Leeuw (Belgium), throughout the period February 16, 2016 to February 15, 2017, for the following Root and Subordinate CAs (refer to Appendix for a full overview of all certificate authorities in scope):

- ▶ Belgium Root CA 2 (root-signed) with serial 04 00 00 00 00 01 41 a1 e1 34 ba
- ▶ Belgium Root CA 2 (self-signed) with serial 2a ff be 9f a2 f0 e9 87
- ▶ Belgium Root CA 3 (root-signed) with serial 04 00 00 00 00 01 41 a1 e1 39 3e
- ▶ Belgium Root CA 3 (self-signed) with serial 3b 21 02 de 96 5b 1d a9
- ▶ Belgium Root CA 4 (root-signed) with serial 04 00 00 00 00 01 41 a1 e1 3d 26
- ▶ Belgium Root CA 4 (self-signed) with serial 4f 33 20 8c c5 94 bf 38

The Belgian Government Certification Authority has:

- ▶ Disclosed its SSL certificate lifecycle management business practices in its:
 - [Belgium Root CA certificate practice statement](#)
 - [Citizen CA under Belgium Root CA 2 certificate practice statement](#)
 - [Citizen CA under Belgian Root CA 3 and 4 certificate practice statement](#)
 - [Foreigner CA certificate practice statement](#)

Including its commitment to provide SSL certificates in conformity with the CA/Browser Forum Requirements on the Belgian Government Certification Authority's 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 the Belgian Government Certification Authority;
- ▶ 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
- ▶ And, for its Root and Subordinate CAs in scope for Network Security Requirements:
- 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

In accordance with the [WebTrust Principles and Criteria for Certification Authorities - SSL Baseline with Network Security, Version 2.2.](#)

Certification Authority responsibilities

Management of the Belgian Government Certification Authority is responsible for its assertions, including the fairness of its presentation, and the provision of its described services in accordance with the [WebTrust Principles and Criteria for Certification Authorities - SSL Baseline with Network Security, Version 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 behavior.

The firm applies International Standard on Quality Control 1, 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.

Auditor'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 the Belgian Government Certification Authority'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 the Belgian Government Certification Authority'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 the evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.

Relative effectiveness of controls

The relative effectiveness and significance of specific controls at the Belgian Government Certification Authority 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

Because of the nature and inherent limitations of controls, the Belgian Government Certification Authority'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.

Basis for qualified opinion

During our procedures, we noted following exceptions with regards to certificate profile and content:

- ▶ The subject: organizationName (OID: 2.5.4.10) field is not defined for both the self-signed and root-signed root BRCA certificates and a subset of Subordinate CA certificates.
- ▶ For the subset of Subordinate CA certificates where the subject:organizationName (OID: 2.5.4.10) field is present it is incorrectly used (referring to a repository URL).
- ▶ For the subset of Subordinate CA certificates where the subject:organizationName (OID: 2.5.4.10) field is present the subject:localityName (OID:2.5.4.7) or subject:stateOrProvinceName (OID: 2.5.4.8) field is not present. One of these is required once the Subject organizationName (OID: 2.5.4.10) field is present.
- ▶ Subordinate CA certificates do not have the authorityInformationAccess extension set.

The above causes principle 2 criterion 2.3 and principle 2 criterion 2.4 of the WebTrust Principles and Criteria for Certification Authorities - SSL Baseline with Network Security, Version 2.2, which read:

Principle 2 Criterion 2.3 - The CA maintains controls to provide reasonable assurance that the extensions, key sizes, and certificate policy identifiers (including Reserved Certificate Policy Identifiers) of Root CA certificates generated conform to the Baseline Requirements.

Principle 2 Criterion 2.4 - The CA maintains controls to provide reasonable assurance that the extensions, key sizes, and certificate policy identifiers (including Reserved Certificate Policy Identifiers) of Subordinate CA certificates generated after the Effective Date (1 July 2012) conform to the Baseline Requirements.

To not be met.

Opinion

In our opinion, throughout the period February 16, 2016 to February 15, 2017, management assertions of the Belgian Government Certification Authority, as referred to above, are fairly stated, in all material respects, in accordance with the [WebTrust Principles and Criteria for Certification Authorities - SSL Baseline with Network Security, Version 2.2](#).

This report does not include any representation as to the quality of the Belgian Government Certification Authority's services beyond those covered by the [WebTrust Principles and Criteria for Certification Authorities - SSL Baseline with Network Security, Version 2.2](#), nor the suitability of any of the Belgian Government Certification Authority's services for any customer's intended purpose.



EY
Christel Weymeersch
Partner
Brussels, Belgium
April 13, 2017

Appendix - List of (subordinate) certificate authorities in scope

CA ID	Serial number
Belgium Root CA 2	04 00 00 00 00 01 41 a1 e1 34 ba
Belgium Root CA 3	04 00 00 00 00 01 41 a1 e1 39 3e
Belgium Root CA 4	04 00 00 00 00 01 41 a1 e1 3d 26
Admin CA 201101	0x5dcd4a60d5d6343c32d815804c145f69
Admin CA 201102	0x161f559013f2192ca9828f4926b30610
Admin CA 201201	0x4d4214d319f1e5e3e886e2e4298b1514
Admin CA 201202	0x55b954028434f2ba1202e4d458b4c453
Admin CA 201301	0x49bba65e7b9aeeb37cc9cf1734d5831c
Admin CA 201302	0x27ecf96577229b6becf9bea55ceaaae5
Admin CA 201401	0x22348e1c14c8f84dbd43ee5dff673ca3
Admin CA 201402	0x0b322817fd7527b915b8663c7f491ac0
Admin CA 201403	0x17be1ad3258ae883e457f42f9f8b9116
Admin CA 201501	0x4f56847fa936447ceeb0ff66b3c2d1be
Admin CA 201502	0x7a4f4a8df753a107ffd720a6bc7a321a
Admin CA 201601	0x42982F7BA4E7908C5159ECE0C2A1ED12
Admin CA 201602	0x57388F3D70A201CD26A854628F5BCEA8
Admin CA 201701	0x55b1067657b8181af2ed5d08a5bab8ab
Citizen CA 201101	0x773845849588b744bfad0cb59147a99b
Citizen CA 201102	0x752ba4032609c0b8234b5027ed31d569
Citizen CA 201103	0x22186d09055d2447b6cf0748afa1e41f
Citizen CA 201104	0x04d7a062d103ac169d23a0f31b430cf8
Citizen CA 201105	0x584fc347060c3bac571a0a94fed9b879
Citizen CA 201106	0x2f1dcca68d17fc6652b155fdd95749a2
Citizen CA 201107	0x0c3fb56d7eba7fc6883332e773778d40
Citizen CA 201108	0x366648c8561652407d7ce30a93918129
Citizen CA 201109	0x0a1341f219183beac01e0b6ec57cd332
Citizen CA 201110	0x6c9aea669c8deca9a86ee69fab8195c8
Citizen CA 201111	0x7ef448d6502061a36536a428f0d210f7
Citizen CA 201112	0x6982617c2798445884f73b25edf6022d
Citizen CA 201113	0x103b13a87e3acfc31249f9d71b5d226f
Citizen CA 201114	0x2ed6397cdc883ad16c210175516d5137
Citizen CA 201115	0x50f645be8f4f09c72014a22f9737a24b
Citizen CA 201116	0x05250016f9253dcbc504ae940754aecc
Citizen CA 201117	0x664c0da761313401c76d683e22520264
Citizen CA 201118	0x6a3c0bc0317c4fef47a712e6cf911d43
Citizen CA 201119	0x0f1f4dbecf9444cdca073d7ce4bae353
Citizen CA 201120	0x43b83e7674073651e8dfeff88dd29de2
Citizen CA 201201	0x725e1b60cd1d94173b2f963ec7956caa

CA ID	Serial number
Citizen CA 201202	0x2ece59405df1b0ba6818d378e3346cbb
Citizen CA 201203	0x13baf174eb9239364251630f40657bde
Citizen CA 201204	0x7340f4ad74f855214a879b07dda4710e
Citizen CA 201205	0x62b423155b1aca43adbaeda364b8e2b9
Citizen CA 201206	0x2585967f42c66e5d2013d3116604b335
Citizen CA 201207	0x4f8587b59064379d0fc883451a1959dc
Citizen CA 201208	0x44bdce3bf54f149984769fc427c75620
Citizen CA 201209	0x04890ff8e99ee71146607cbecf61360a
Citizen CA 201210	0x3115037d435b9e01bc84aeecbf7ae8b2
Citizen CA 201211	0x637784fc4151d47f50c1da4c32b7a521
Citizen CA 201212	0x5dc53cee8378be4df7e2d644aa5ddaee
Citizen CA 201213	0x0a52cd32efed52a0ee65c17067ecc743
Citizen CA 201214	0x11d194e02665705530f44eaae0458040
Citizen CA 201215	0x6bc648b40f0526d6a95b18edabd9afe3
Citizen CA 201216	0x75f420dc564aa980b0221d5e5644536b
Citizen CA 201217	0x60682a37cc6a3c1c9aacd4b15349ad97
Citizen CA 201218	0x6a43257df348476ea2fa6eba93d16f95
Citizen CA 201219	0x71711cb6c406c87a85e35968baa2e6bf
Citizen CA 201220	0x2c15b744ff2ae93821c66a7f663823f2
Citizen CA 201301	0x371ba04c076d2da71f96262ba4c22c93
Citizen CA 201302	0x64066c758b823ba7115162f5ee38c7c5
Citizen CA 201303	0x03ac2e1dd57a7cfd3fa0b8fb1a658055
Citizen CA 201304	0x6429f2ca2a9779fdf9751133a69de40a
Citizen CA 201305	0x41dedecb417b4777c9fb82a0bf7df656
Citizen CA 201306	0x6df67b246e126f8ad49d96924b0d6877
Citizen CA 201307	0x61b274b86cb29c5c4fe1d0c17c9f5d2b
Citizen CA 201308	0x026be37e6ff10e2cdce1c25e8d480c33
Citizen CA 201309	0x71e401ee9941687c309ec2c78380ae34
Citizen CA 201310	0x19c9305df18ad5e053c943f9fc5080ea
Citizen CA 201311	0x3f898df608e6942209e89a8969fc5195
Citizen CA 201312	0x669bbd7f758f99cce27cf768bc7c0367
Citizen CA 201313	0x5955f9ec1c191b4cdffb7e4eaff99d9f
Citizen CA 201314	0x121030fc2c8debe062dec4c88f56a676
Citizen CA 201315	0x384ada08a7703434949b12e2950fbc68
Citizen CA 201316	0x777ee78b0d98d74c2483ecfe07142657
Citizen CA 201317	0x7ccc2d2b9a14dcc0c102b9d9c50ff68b
Citizen CA 201318	0x73c06e7a3f2a5dd2a9aaa3009d450375
Citizen CA 201319	0x122bd38098bcf6d073a79f3a183ef964
Citizen CA 201320	0x309a732d9ba5f127c64086be5c5285ba
Citizen CA 201401	0x5048f006e875a69d817ab6a6665bb9fb

CA ID	Serial number
Citizen CA 201402	0x403f3baa5d860d5af15e07c4c41a8a1a
Citizen CA 201403	0x5be65979710b2cd85c4032e5f0f69a15
Citizen CA 201404	0x4d8ea181cc8e8c91eeae7b28fc048f31
Citizen CA 201405	0x745ab16cfc5573896c265fb5d0b4b69e
Citizen CA 201406	0x45aad249cde7195bb390b58d4a5cdce6
Citizen CA 201407	0x49849c9ca9b766edc5f6d16429e0670d
Citizen CA 201408	0x4ec998938e40a4d9f497d73d9e98df08
Citizen CA 201409	0x0bbb1e163ea433f131c232e643e5c86c
Citizen CA 201410	0x5af84ed71d3b690aa3bb2ab8fefc0079
Citizen CA 201411	0x6dc729b99dbc9c887413564be37391e3
Citizen CA 201412	0x46d2d4364c9098d6c4729b59f411f7f1
Citizen CA 201413	0x17daa37c7df63ee972a2232683972436
Citizen CA 201414	0x54e4be2f65ad7523071cc7ed1e5f64d0
Citizen CA 201415	0x2dc299f6ed5b6da597943345ced70844
Citizen CA 201416	0x597a5aa6ec1aeb6675742c6cae8de7bd
Citizen CA 201417	0x774ea761bf17e30967e996d94ace103c
Citizen CA 201418	0x64800f46a5b04a49b3a9d482c40e2e35
Citizen CA 201419	0x349b9e22766e362c586b2b555c6b35be
Citizen CA 201420	0x23784e7b27609b1b1afcf7cfba25d72c
Citizen CA 201501	0x2cd1c507fda0c1f339b20dcd353f0f68
Citizen CA 201502	0x228490c43956691a852f655d727b4767
Citizen CA 201503	0x24434a64a0bb7ef2f7685007f653cecb
Citizen CA 201504	0x3c6280fa919a92c6c28c1a9fb16b4cfb
Citizen CA 201505	0x445fd0e63617d3aa57eb03bc9f0ad469
Citizen CA 201506	0x61b011384ccb074d014419ab21f675d5
Citizen CA 201507	0x25a3517b0dd44973195b748142c1a0ce
Citizen CA 201508	0x7046b38e2b425264198e1c90c55efdcf
Citizen CA 201509	0x7c5dd10baabe218673139a8795e8f702
Citizen CA 201510	0x52afb41bc02f3a7cb4a6899ee9a2e0ae
Citizen CA 201511	0x36b01d8ef94d1d24f0c04472f884bded
Citizen CA 201512	0x69ba555c9c111b6ebbf594830d1f5dc
Citizen CA 201513	0x13cab6e5020e430bd0f5382e0a26871f
Citizen CA 201514	0x6b8b492756e9153aa1d9827056df69c2
Citizen CA 201515	0x296f326b40b15bbdb1de20359bd81db
Citizen CA 201516	0x2a3e1c965e428813c923f2a40ecf148f
Citizen CA 201517	0x630b3c57935022fd0740e7764aa2144a
Citizen CA 201518	0x07aa8ceb4df4d03ed52403f8b2a6b948
Citizen CA 201519	0x695d302aeac74729f531007559aaf0b0
Citizen CA 201520	0x4fc0081c84ada3d5635cc7ba92b7bceb
Citizen CA 201601	0x7C9BEAFD5C00A948655F5CF41886E53E

CA ID	Serial number
Citizen CA 201602	0x473DA6697C17C79292419494A0EAC22A
Citizen CA 201603	0x5E2244918911E7DC150BDFE326170EA6
Citizen CA 201604	0x6059729506D9365DEACE3A6246824706
Citizen CA 201605	0x365B4BC0BD582231F7652EED77A5D200
Citizen CA 201606	0x7AF6409FF6541EB30D10AF1335D037CD
Citizen CA 201607	0x176F0924EC08EE9FD6B05965CC05B9DD
Citizen CA 201608	0x6A187A870233A203F0EB8C8CFC8FCBF
Citizen CA 201609	0x4F8F016192AE42B66287A1C26535F5F7
Citizen CA 201610	0x3093D75E5C01AD6A01D88CB8C93C9A81
Citizen CA 201611	0x544CF0218B34080F20809803D75DBA8F
Citizen CA 201612	0x884AA0F66341DAB20169C714A16B7823
Citizen CA 201613	0x192F358A261AB6A1271E381686767DA7
Citizen CA 201614	0x1A22B6B088F489A70ADF3E0F1A0EB748
Citizen CA 201615	0x1C1147C5C5F7055061E48CE180034940
Citizen CA 201616	0x3A9AFED1EF64B996870007EEA32CB21A
Citizen CA 201617	0x7BCB1822AF9071FD5C0F8C5BC5271635
Citizen CA 201618	0x4AB90E304B4058A1307D8D9EFF686248
Citizen CA 201619	0x667316421E88A2538AB9A06E61012997
Citizen CA 201620	0x2CE8B1E3FE333DFAE008F3C66670E020
Citizen CA 201621	0x16889D0FBFD957917B9FA8B7D6AD266F
Citizen CA 201622	0x64902F947473C554C420C2A0DF25D2D8
Citizen CA 201623	0x5539529A1B214F3713A4795AEF54056A
Citizen CA 201624	0x5102B4425C72BEABB2B9498C2EAF64D4
Citizen CA 201625	0x59B459FEB3FE34B37E654FF40B3FAE4
Citizen CA 201626	0x5C41EEFE84EDF7A2EF9E1C00F18E7758
Citizen CA 201627	0x73C5FC675DA551464988EC2F1FC9A3F6
Citizen CA 201628	0x452CFDFFB76F4F6AEB6FAD43D48AC273
Citizen CA 201629	0x3CDCEED458620428B31B89D7F971CB49
Citizen CA 201630	0x3072C17AADD82D2A425EB52D6A158935
Citizen CA 201631	0x176BEC403E95D2D1D2CF19AC30A5B854
Citizen CA 201632	0x1CCAEF68F722FDF2092C023FA32A4B0A
Citizen CA 201633	0x58151A1A2BE1E9F722BC7F1B01CCC241
Citizen CA 201634	0x1790D37B4F593E076CC3057D6FE6763E
Citizen CA 201635	0x63E7B361A2B678A6E803C7E7BB43309D
Citizen CA 201636	0x7CD58DB7756C72DD3468B8C0B68A9759
Citizen CA 201637	0x3DF44E12B62E384E7B02036399C4D5D4
Citizen CA 201638	0x56C0DF1D6730863DDF5BEB0AF2E64339
Citizen CA 201639	0x4F869999667BED913384AE1C1E94C7E4
Citizen CA 201640	0x7818EDDFA517B35E07B19116CC6FDAD9
Citizen CA 201701	0x6cc60c31deb18618f5d725b1fe36e44b

CA ID	Serial number
Citizen CA 201702	0x1dc6d3504ae854ae737b6de2b243badd
Citizen CA 201703	0x4c22ce58f5b276b25e093a7ce5ee830d
Citizen CA 201704	0x0f8493ca8cafd37774c7aedbbc743db6
Citizen CA 201705	0x3907385ea678e3200c610a9909b9cfeb
Citizen CA 201706	0x13af392bc41d5c0475f39599e66197a4
Citizen CA 201707	0x2907385ea678e3200c610a9909b9cfeb
Citizen CA 201708	0x55f51d8c42366a3002692efdae459157
Citizen CA 201709	0x5066f24c017fdf6a7b8fbfbd0a5fd1c4
Citizen CA 201710	0x16cd4b3575a28c3f0646483ba0f37a41
Citizen CA 201711	0x4c4d86f19aa1c12068b8d3b8c3073492
Citizen CA 201712	0x1562e78cb373db0d8179cc3babe053d9
Citizen CA 201713	0x4307c2a0db5da6da6db3b628e9205a2f
Citizen CA 201714	0x4dccfc6291a83ccb3fdb3849fac27e9f
Citizen CA 201715	0x516e198d8c3ff57f0aa71e8b5a706a37
Citizen CA 201716	0x338ee92ef02961fdbdbc2476bd6f8079
Citizen CA 201717	0x2683558d013ba3143a8a15dd597e6b92
Citizen CA 201718	0x3f12d06b8e1a6b3324b8cefe1fa1150e
Citizen CA 201719	0x55bdcdeae0232cf4afaf867d763ed0c
Citizen CA 201720	0x622080bf5304250321f8153a54ccbd5c
Foreigner CA 201101	0x07bf44bebead7af69eb7b47c77acb6ff
Foreigner CA 201102	0x0b46928b2830b7db9c534051e773fce8
Foreigner CA 201103	0x4c799381767b302a9b38a01f3e9ff52b
Foreigner CA 201104	0x423af83830e22f00d759f5eebc9e213f
Foreigner CA 201105	0x6d312d9e5dfa5e50965a07f2b0bf1463
Foreigner CA 201201	0x65ed79f4200b144de97576fe3f7fcb13
Foreigner CA 201202	0x22253baecc21065713465b9b33fbb73d
Foreigner CA 201203	0x28b75f28c4255c40ea00782ce0b45215
Foreigner CA 201204	0x783489c1c20a04dd52e2364453560a2e
Foreigner CA 201205	0x4016a596ac531b244f32b3ed1cb6bdfa
Foreigner CA 201301	0x240f4773772bcb4b18f7085ea66b3f70
Foreigner CA 201302	0x32b98a08cadacfdc9dc20e43020d7c7c
Foreigner CA 201303	0x102a76ff5a9da61152b83f36c9a71d78
Foreigner CA 201304	0x26c8ceb833ad7fe9dad68484446da3a9
Foreigner CA 201305	0x3104945e151f5a63121455a76badd690
Foreigner CA 201401	0x757e87c2da99d4745d3e08284c125474
Foreigner CA 201402	0x758982f0657c11c21a4aa6faab04fbab
Foreigner CA 201403	0x15288aec9f4689a33b8d2dfe60cf2b26
Foreigner CA 201404	0x6b96e647a41e3210a7d19ba3fc03c2b0
Foreigner CA 201405	0x3af54e9da813e6c1258d28434c75fa60
Foreigner CA 201501	0x4a5e8f562b05dcbf3ece4092177c4a5c

CA ID	Serial number
Foreigner CA 201502	0x605f64e0c22131d1f26dbf59613bc971
Foreigner CA 201503	0x1ec33eb01227b9782351f4f65669e178
Foreigner CA 201504	0x7bab9a180d7087fba36d9c86194ba62d
Foreigner CA 201505	0x69ac8fccfce55a2407227a925c3f2cef
Foreigner CA 201601	0x520C6CEFA47E016E21170FEC75B9F678
Foreigner CA 201602	0x7AC7769DAB465E9C82164ABCBD9A2878
Foreigner CA 201603	0x4309587E2D8B427FA4EDF043F31F1FBA
Foreigner CA 201604	0x3ED3B9B91477A384377EFD5FE438B361
Foreigner CA 201605	0x315928B6D35A87C0DE6649D3837EFF3A
Foreigner CA 201606	0x2E710CEDE32BBC393C5A6AA5A781DF2D
Foreigner CA 201607	0x7B58C453175F14E1B96298D78783F6F8
Foreigner CA 201608	0x42982F7BA4E7908C5159ECE0C2A1ED02
Foreigner CA 201609	0x6F3954867EFAAEE216ACF03C264DB30B
Foreigner CA 201610	0x57DA0F54105FD046F84A14FEAADB5F49
Foreigner CA 201701	0x660ddab0ae056853c4eb961a80e48524
Foreigner CA 201702	0x1df8e530e433e82ea2fcf373261cb4ae
Foreigner CA 201703	0x7262079e06a3b52c83bec91d56d2f9f2
Foreigner CA 201704	0x4913b85fedd85a39135b4118eeebf114
Foreigner CA 201705	0x7c74a61a9c23446e2e40143b1c5dd6b5
Government AA 201101	0x2e2cde5971563f9a593c8fdd2dcf8f55
Government AA 201201	0x35b73af10f041f36bbd8ffe149671d77
Government AA 201202	0x457fce02efcfadaddc821aa2b0e81f33
Government AA 201301	0x54149ff889dcb130774594b82850893d
Government AA 201401	0x16fc53ceff2b405f607b014ec7dfdf94
Government AA 201402	0x1c7430b8910c50023fe3b24fa020b40c
Government AA 201501	0x5d60d7c4eeec7e72d955239df2fb1f6f
Government CA 201101	0x78bba60d43b8d0ac2779c64b27114cd8
Government CA 201201	0x554b5a84ec2fbe6245c25be618364fe7
Government CA 201202	0x08ffdaf7d6709cc3e3076ec0c769368a
Government CA 201301	0x2f57c7a20b15c667cc0646b9ab8bb369
Government CA 201401	0x416615f4a1cefb908341445571f749d5
Government CA 201402	0x5b4947ec8075d5e037d325ce01d1ff40
Government CA 201501	0x555f4d5bc8a30976f70fc1e1221c9193

Assertion of Certipost NV/SA

April 13, 2017

Certipost NV/SA operates part of the Certification Authority (CA) services known as the “Belgian Government Certification Authority” for the following Root and Subordinate issuing CA’s:

- Belgium Root CA 2 (root-signed) with serial 04 00 00 00 00 01 41 a1 e1 34 ba
- Belgium Root CA 2 (self-signed) with serial 2a ff be 9f a2 f0 e9 87
- Belgium Root CA 3 (root-signed) with serial 04 00 00 00 00 01 41 a1 e1 39 3e
- Belgium Root CA 3 (self-signed) with serial 3b 21 02 de 96 5b 1d a9
- Belgium Root CA 4 (root-signed) with serial 04 00 00 00 00 01 41 a1 e1 3d 26
- Belgium Root CA 4 (self-signed) with serial 4f 33 20 8c c5 94 bf 38

And provides SSL and non-SSL CA services.

The management of Certipost NV/SA is responsible for establishing and maintaining effective controls over its SSL and non-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 Certipost NV/SA’s Certification Authority operations. Furthermore, because of changes in conditions, the effectiveness of controls may vary over time.

Certipost NV/SA management has assessed its controls over its SSL and non-SSL CA services. Based on that assessment, in Certipost NV/SA management’s opinion, in providing its SSL and non-SSL Certification Authority (CA) services at Brussels, Belgium, throughout the period February 16, 2016 to February 15, 2017, Certipost NV/SA has:

Disclosed its SSL certificate lifecycle management business practices in its:

- [Citizen CA under Belgium Root CA 2 certificate practice statement](#)
- [Citizen CA under Belgian Root CA 3 and 4 certificate practice statement](#)
- [Foreigner CA certificate practice statement](#)

including its commitment to provide SSL certificates in conformity with the CA/Browser Forum Requirement on the Certipost NV/SA [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 Certipost NV/SA);

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, Version 2.2.](#)

Certipost NV/SA
Brussels, Belgium



Signed by: Hans Maris
Function: CEO
April 13, 2017

Assertion of Verizon Terremark NV/SA

April 12, 2017

Verizon Terremark NV/SA operates part of the Certification Authority (CA) services known as the “Belgian Government Certification Authority” for the following Root and subordinate issuing CA’s:

- Belgium Root CA 2 (root-signed) with serial 04 00 00 00 00 01 41 a1 e1 34 ba
- Belgium Root CA 2 (self-signed) with serial 2a ff be 9f a2 f0 e9 87
- Belgium Root CA 3 (root-signed) with serial 04 00 00 00 00 01 41 a1 e1 39 3e
- Belgium Root CA 3 (self-signed) with serial 3b 21 02 de 96 5b 1d a9
- Belgium Root CA 4 (root-signed) with serial 04 00 00 00 00 01 41 a1 e1 3d 26
- Belgium Root CA 4 (self-signed) with serial 4f 33 20 8c c5 94 bf 38

And provides SSL and non-SSL CA services.

The management of Verizon Terremark NV/SA is responsible for establishing and maintaining effective controls over its SSL and non-SSL CA operations, including its network and certificate security system controls, 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 Verizon Terremark NV/SA’s Certification Authority operations. Furthermore, because of changes in conditions, the effectiveness of controls may vary over time.

Verizon Terremark NV/SA management has assessed its controls over its SSL and non-SSL CA services. Based on that assessment, in Verizon Terremark NV/SA management’s opinion, in providing its SSL and non-SSL Certification Authority (CA) services at Brussels, Belgium, throughout the period February 16, 2016 to February 15, 2017, Verizon Terremark NV/SA has:

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 Verizon Terremark NV/SA);

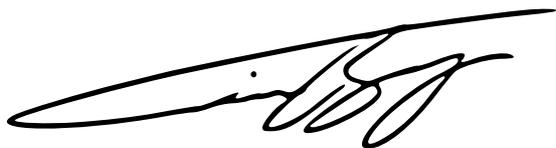
Maintained effective controls to provide reasonable assurance that:

- 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, Version 2.2.](#)

Verizon Terremark NV/SA
Diegem, Belgium

A handwritten signature in black ink, appearing to read 'Tim Brophy', written in a cursive style.

Signed by: Tim Brophy
Function: Director, Information Security & Compliance
April 12, 2017



Assertion of Zetes NV/SA

April 13, 2017

Zetes NV/SA operates part of the Certification Authority (CA) services known as the "Belgian Government Certification Authority" for the following Root and Subordinate issuing CA's:

- Belgium Root CA 2 (root-signed) with serial 04 00 00 00 00 01 41 a1 e1 34 ba
- Belgium Root CA 2 (self-signed) with serial 2a ff be 9f a2 f0 e9 87
- Belgium Root CA 3 (root-signed) with serial 04 00 00 00 00 01 41 a1 e1 39 3e
- Belgium Root CA 3 (self-signed) with serial 3b 21 02 de 96 5b 1d a9
- Belgium Root CA 4 (root-signed) with serial 04 00 00 00 00 01 41 a1 e1 3d 26
- Belgium Root CA 4 (self-signed) with serial 4f 33 20 8c c5 94 bf 38

And provides SSL and non-SSL CA services.

The management of Zetes NV/SA is responsible for establishing management controls. These controls contain monitoring mechanisms, and actions are taken to correct deficiencies identified.

Scope of the above is (hereafter the CA services):

- Key pair generation on the chip
- Secure storage of the private key
- Personalisation of the eID card (including storing the correct certificate on the correct card)
- Distribution of the card to the subscriber
- Secure creation, printing and distribution of the pin and puk 1 code to the subject.

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 Zetes NV/SA's Certification Authority operations. Furthermore, because of changes in conditions, the effectiveness of controls may vary over time.

Zetes NV/SA management has assessed its controls over its SSL and non-SSL CA services. Based on that assessment, in Zetes NV/SA at Brussels, Belgium, throughout the period February 16, 2016 to February 15, 2017, Zetes NV/SA has:



ZETES sa/nv
Da Vinci Science Park
Rue de Strasbourg 3 Straatsburgstraat
Bruxelles 1130 Brussel
Belgium

Tel: +32.(0)2.728.37.11
Fax: +32.(0)2.728.37.19
RCB/HRB: 369.207
TVA/BTW: BE 0408.425.626

Banque/Bank - Fortis 210-0901800-43
IBAN BE66 2100 9018 0043
BIC (SWIFT code) GEBABEBB
Dexia 551-3712400-85
KBC 437-7513011-11
ABN 720-5404637-03

WWW.ZETES.COM/BE



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 Home Affairs FPS);

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, Version 2.2.](#)

Zetes NV/SA
Brussels, Belgium

Signed by: Jean-François JACQUES
Function: Managing Director
April 13, 2017



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BIC (SWIFT code) GEBABEBB
Dexia 551-3712400-85
KBC 437-7513011-11
ABN 720-5404637-03

WWW.ZETES.COM/BE

Assertion of the Belgian Federal Public Service Policy and Support

April 7, 2017

The Belgian Federal Public Service Policy and Support operates part of the Certification Authority (CA) services known as the “Belgian Government Certification Authority” for the following Root and Subordinate issuing CA’s:

- Belgium Root CA 2 (root-signed) with serial 04 00 00 00 00 01 41 a1 e1 34 ba
- Belgium Root CA 2 (self-signed) with serial 2a ff be 9f a2 f0 e9 87
- Belgium Root CA 3 (root-signed) with serial 04 00 00 00 00 01 41 a1 e1 39 3e
- Belgium Root CA 3 (self-signed) with serial 3b 21 02 de 96 5b 1d a9
- Belgium Root CA 4 (root-signed) with serial 04 00 00 00 00 01 41 a1 e1 3d 26
- Belgium Root CA 4 (self-signed) with serial 4f 33 20 8c c5 94 bf 38

And provides SSL and non-SSL CA services.

The management of the Federal Public Service Policy and Support is responsible for establishing and maintaining effective controls over its SSL and non-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 the Federal Public Service Policy and Support’s Certification Authority operations. Furthermore, because of changes in conditions, the effectiveness of controls may vary over time.

The Federal Public Service Policy and Support management has assessed its controls over its SSL and non-SSL CA services. Based on that assessment, in the Federal Public Service Policy and Support management’s opinion, in providing its SSL and non-SSL Certification Authority (CA) services at Brussels, Belgium, throughout the period February 16, 2016 to February 15, 2017, the Federal Public Service Policy and Support has:

Disclosed its SSL certificate lifecycle management business practices in its:

- [Belgium Root CA certificate practice statement](#)

including its commitment to provide SSL certificates in conformity with the CA/Browser Forum Requirement on the Federal Public Service Policy and Support [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 the Federal Public Service Policy and Support);

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, Version 2.2.](#)

Federal Public Service Policy and Support
Brussels, Belgium



Signed by: Ben Smeets
Function: Director-general ai
April 7, 2017

Assertion of the Belgian Home Affairs Federal Public Service

April 13, 2017

The Belgian Home Affairs Federal Public Service (Further “Home Affairs FPS”) operates part of the Certification Authority (CA) services known as the “Belgian Government Certification Authority” for the following Root and Subordinate issuing CA’s:

- Belgium Root CA 2 (root-signed) with serial 04 00 00 00 00 01 41 a1 e1 34 ba
- Belgium Root CA 2 (self-signed) with serial 2a ff be 9f a2 f0 e9 87
- Belgium Root CA 3 (root-signed) with serial 04 00 00 00 00 01 41 a1 e1 39 3e
- Belgium Root CA 3 (self-signed) with serial 3b 21 02 de 96 5b 1d a9
- Belgium Root CA 4 (root-signed) with serial 04 00 00 00 00 01 41 a1 e1 3d 26
- Belgium Root CA 4 (self-signed) with serial 4f 33 20 8c c5 94 bf 38

And provides SSL and non-SSL CA services.

The management of Home Affairs FPS is responsible for establishing and maintaining effective controls over its SSL and non-SSL CA operations, including its network and certificate security system controls, 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 Home Affairs FPS’s Certification Authority operations. Furthermore, because of changes in conditions, the effectiveness of controls may vary over time.

Home Affairs FPS management has assessed its controls over its SSL and non-SSL CA services. Based on that assessment, in Home Affairs FPS management’s opinion, in providing its SSL and non-SSL Certification Authority (CA) services at Brussels, Belgium, throughout the period February 16, 2016 to February 15, 2017, Home Affairs FPS has:

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 Home Affairs FPS);

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, Version 2.2.

Home Affairs FPS
Brussels, Belgium

A handwritten signature in black ink, appearing to be 'J. Wirtz', written over the printed name.

Signed by: Jacques WIRTZ
Function: General Manager
April 13, 2017