Valencia, May 3rd, 2019

Independent Assurance Report

To the management of AC Camerfirma SA. ("Camerfirma"):

Scope

We have been engaged, in a reasonable assurance engagement, to report on Camerfirma management's assertion that for its Certification Authority (CA) operations at Avila and Madrid, SPAIN, throughout the period April 14th, 2018 to April 13th, 2019 for its CAs as enumerated in Appendix 1, Camerfirma has:

- disclosed its business, key lifecycle management, certificate lifecycle management, and CA environment control practices in:
  - DECLARACIÓN DE PRÁCTICAS DE CERTIFICACIÓN CERTIFICADOS DIGITALES AC CAMERFIRMA SA - Versión 3.3.4

  - POLÍTICA DE CERTIFICACIÓN CHAMBERS OF COMMERCE ROOT – Version 1.0.1

  - POLÍTICA DE CERTIFICACIÓN CERTIFICADO CAMERAL CAMERFIRMA DE PERSONA FÍSICA - Version: 1.1.6

  - POLÍTICA DE CERTIFICACIÓN CERTIFICADO DE REPRESENTANTE PARA ADMINISTRACIONES PÚBLICAS - Version: 1.1

  - POLÍTICA DE CERTIFICACIÓN CERTIFICADO CAMERAL DE REPRESENTANTE - Version: 1.1.5

  - POLÍTICA DE CERTIFICACIÓN CERTIFICADO CAMERAL CAMERFIRMA DE APODERADO ESPECIAL - Version: 1.1.6

  - POLÍTICA DE CERTIFICACIÓN CERTIFICADO CAMERAL CAMERFIRMA DE PERSONA JURÍDICA - Version: 1.1.6

  - POLÍTICA DE CERTIFICACIÓN CERTIFICADO CAMERAL CAMERFIRMA DE PERSONA FÍSICA PARA FACTURACIÓN ELECTRÓNICA - Version: 1.1.5

  - POLÍTICA DE CERTIFICACIÓN GLOBAL CHAMBERSIGN ROOT - Versión 1.0.1

  - POLÍTICA DE CERTIFICACIÓN RACER, RED DE ALTA CAPILARIDAD DE ENTIDADES DE REGISTRO - Version: 1.4.2

- maintained effective controls to provide reasonable assurance that:
  - Camerfirma's Certification Practice Statement(s) is (are) consistent with its Certificate Policies.
  - Camerfirma provides its services in accordance with its Certificate Policies and Certification Practice Statement(s)

- 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 Camerfirma); 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 v2.1.

Camerfirma makes use of external registration authorities for specific subscriber registration activities as disclosed in Camerfirma's business practices. Our procedures did not extend to the controls exercised by these external registration authorities.

Camerfirma does not escrow its CA keys. Accordingly, our procedures did not extend to controls that would address those criteria.

Certification authority's responsibilities

Camerfirma's 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 v2.1.

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.

Auren 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 Camerfirma'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.

Relative effectiveness of controls

The relative effectiveness and significance of specific controls at Camerfirma 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, Camerfirma'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.

Opinion

In our opinion, throughout the period 14th of April 2018 to the 13th of April 2019, Camerfirma 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 v2.1.

This report does not include any representation as to the quality of Camerfirma's services beyond those covered by the WebTrust Principles and Criteria for Certification Authorities v2.1, nor the suitability of any of Camerfirma's services for any customer's intended purpose.

F. Mondragon, Auditor

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Valencia, SPAIN
May 3rd, 2019

APPENDIX 1 List of CAs in Scope

Root CAs
1. Chambers of Commerce Root
5. Chambers of Commerce Root - 2008
9. Global Chambersign Root
12. Global Chambersign Root - 2008
17. GLOBAL CHAMBERSIGN ROOT - 2016
OV SSL Issuing CAs
N/A
EV SSL Issuing Cas
N/A
Other CAs
2. AC Camerfirma Certificados Camerales
3. AC CAMERFIRMA AAPP
4. AC Camerfirma Express Corporate Server
6. Camerfirma Codesign II - 2014
7. Camerfirma TSA - 2013
8. Camerfirma TSA II - 2014
10. AC Camerfirma
11. RACER
13. AC Camerfirma - 2009
14. AC Camerfirma Portugal - 2015
15. DigitalSign Primary CA
16. GLOBAL CORPORATE SERVER
19. AC CAMERFIRMA COLOMBIA - 2016
20. AC CITISEG - 2016
21. AC CAMERFIRMA PERÚ - 2016
22. AC CAMERFIRMA PERÚ CERTIFICADOS - 2016
Legacy Inactive Cas
18. AC CAMERFIRMA - 2016 (revoked 02/06/2019)

CA Identifying Information for in Scope CAs

CA#	Cert #	Subject	Issuer	serialNumber	Key Algorithm	Key Size	Sig Algorithm	notBefore	NotAfter	SKI	SHA256 Fingerprint
1	1	CN=Chambers of Commerce Root, OU=http://www.chambersign.org, O=AC Camerfirma SA CIF A82743287, C=EU	CN=Chambers of Commerce Root, OU=http://www.chambersign.org, O=AC Camerfirma SA CIF A82743287, C=EU	0	rsaEncryption	2048 bit	sha1WithRSAEncryption	Sep 30 16:13:43 2003 GMT	Sep 30 16:13:44 2037 GMT	E3:94:F5:B1:4D:E9:DB:A1:29:5B:57:8B:4D:76:06:76:E1:D1:A2:8A	0C258A12A5674AEF25F28BA7DCFAECEEA348E541E6F5CC4EE63B71B361606AC3
2	2	CN=AC Camerfirma Certificados Camerales, O=AC Camerfirma SA, serialNumber=A82743287, L=Madrid (see current address at www.camerfirma.com/address), emailAddress=ac_camerfirma_cc@camerfirma.com, C=ES	CN=Chambers of Commerce Root, OU=http://www.chambersign.org, O=AC Camerfirma SA CIF A82743287, C=EU	5	rsaEncryption	2048 bit	sha1WithRSAEncryption	Feb 9 15:42:47 2004 GMT	Feb 9 15:42:47 2034 GMT	B6:1F:4E:9D:1C:68:91:2E:37:72:60:E1:46:8F:5A:A5:2A:31:31:B9	C7D84381E11F7C5746771AF5B050DC51FC6FDAD6F6F35BB53A3DE913822EA09E
3	3	CN=AC CAMERFIRMA AAPP, serialNumber=A82743287, OU=AC CAMERFIRMA, L=MADRID (Ver en https://www.camerfirma.com/address), O=AC CAMERFIRMA S.A., C=ES	CN=Chambers of Commerce Root, OU=http://www.chambersign.org, O=AC Camerfirma SA CIF A82743287, C=EU	0D	rsaEncryption	2048 bit	sha1WithRSAEncryption	Feb 23 08:46:37 2010 GMT	Feb 20 08:46:37 2022 GMT	E5:46:50:E8:43:A0:B2:F7:1C:E4:B6:FF:D8:00:04:20:F7:1F:A4:0B	8390E70357E9B573CA3DD29DBDDC237ECAF936782CA3389C7943FBC2B7FAA0B6
4	4	CN=AC Camerfirma Express Corporate Server, O=AC Camerfirma SA, serialNumber=A82743287, L=Madrid (see current address at www.camerfirma.com/address), emailAddress=cmfecs2@camerfirma.com, C=ES	CN=Chambers of Commerce Root, OU=http://www.chambersign.org, O=AC Camerfirma SA CIF A82743287, C=EU	0D	rsaEncryption	2048 bit	sha1WithRSAEncryption	Nov 15 13:39:59 2007 GMT	Nov 8 13:39:59 2032 GMT	0A:4A:C0:CA:98:12:EF:97:59:DD:F7:A4:AF:B0:14:A4:39:AE:AE:4A	71987F75F4A18AF9097A45D5458D912C88359386066F63C6FC0A8AABE699C023
5	5	CN=Chambers of Commerce Root - 2008, O=AC Camerfirma S.A., serialNumber=A82743287, L=Madrid (see current address at www.camerfirma.com/address), C=EU	CN=Chambers of Commerce Root - 2008, O=AC Camerfirma S.A., serialNumber=A82743287, L=Madrid (see current address at www.camerfirma.com/address), C=EU	A3DA427EA4B1AEDA	rsaEncryption	4096 bit	sha1WithRSAEncryption	Aug 1 12:29:50 2008 GMT	Jul 31 12:29:50 2038 GMT	F9:24:AC:0F:B2:B5:F8:79:C0:FA:60:88:1B:C4:D9:4D:02:9E:17:19	063E4AFAC491DFD332F3089B8542E94617D893D7FE944E10A7937EE29D9693C0
6	6	CN=Camerfirma Codesign II - 2014, L=Madrid (see current address at https://www.camerfirma.com/address), serialNumber=A82743287, O=AC Camerfirma S.A., OU=AC CAMERFIRMA, C=ES	CN=Chambers of Commerce Root - 2008, O=AC Camerfirma S.A., serialNumber=A82743287, L=Madrid (see current address at www.camerfirma.com/address), C=EU	64512A01FB00554A	rsaEncryption	4096 bit	sha256WithRSAEncryption	Dec 16 12:25:43 2014 GMT	Dec 15 12:25:43 2037 GMT	C4:A3:D3:EA:63:3D:49:61:DA:91:C9:19:D9:1B:33:35:78:75:38:9F	3B0B2D299AF774D6C332B2BFABB45F44D866432B9552EA094D529B6ED125048B
7	7	CN=Camerfirma TSA - 2013, L=Madrid (see current address at https://www.camerfirma.com/address), serialNumber=A82743287, O=AC Camerfirma S.A., C=ES	CN=Chambers of Commerce Root - 2008, O=AC Camerfirma S.A., serialNumber=A82743287, L=Madrid (see current address at www.camerfirma.com/address), C=EU	236D365DE39A9C45	rsaEncryption	4096 bit	sha1WithRSAEncryption	Feb 25 10:39:45 2013 GMT	Feb 19 10:39:45 2037 GMT	0E:31:4D:5D:E9:E1:C2:5C:5B:BC:F5:2B:05:BA:AF:47:0D:16:AB:DC	AB49C64AC5D27F9B3688CA80AA38927F1C37CD165964140863F34327CE05022C
8	8	CN=Camerfirma TSA II - 2014, L=Madrid (see current address at https://www.camerfirma.com/address), serialNumber=A82743287, O=AC Camerfirma S.A., OU=AC CAMERFIRMA, C=ES	CN=Chambers of Commerce Root - 2008, O=AC Camerfirma S.A., serialNumber=A82743287, L=Madrid (see current address at www.camerfirma.com/address), C=EU	25A454BC34551238	rsaEncryption	4096 bit	sha256WithRSAEncryption	Dec 16 16:45:33 2014 GMT	Dec 15 16:45:33 2037 GMT	17:C5:40:BC:2A:F8:45:B8:AB:33:BF:F8:6F:49:6C:F6:17:CA:B7:D4	65695D500117FD7270F1027ED121F05942670075461D337EEEC7F6A5B757A47A
9	9	CN=Global Chambersign Root, OU=http://www.chambersign.org, O=AC Camerfirma SA CIF A82743287, C=EU	CN=Global Chambersign Root, OU=http://www.chambersign.org, O=AC Camerfirma SA CIF A82743287, C=EU	0	rsaEncryption	2048 bit	sha1WithRSAEncryption	Sep 30 16:14:18 2003 GMT	Sep 30 16:14:18 2037 GMT	43:9C:36:9F:B0:9E:30:4D:C6:CE:5F:AD:10:AB:E5:03:A5:FA:A9:14	EF3CB417FC8EBF6F97876C9E4ECE39DE1EA5FE649141D1028B7D11C0B2298CED

#	#	Subject	Issuer	Serial	Algorithm	Key	Signature	Valid From	Valid To	Fingerprint (SHA1)	Fingerprint
10	10	CN=AC Camerfirma, O=AC Camerfirma SA, L=Madrid (see current address at www.camerfirma.com/address), serialNumber=A82743287, emailAddress=ac_camerfirma@camerfirma.com, C=ES	CN=Global Chambersign Root, OU=http://www.chambersign.org, O=AC Camerfirma SA CIF A82743287, C=EU	2	rsaEncryption	2047 bit	sha1WithRSAEncryption	Nov 14 13:49:08 2003 GMT	Nov 14 13:49:08 2033 GMT	70:C1:95:FA:5D:A5:16:BE:62:E8:A4:7D:E3:D4:64:5F:C4:E1:3E:9D	EF3D7112DD3C3C46A3DC4D2E012921EAD83EFC915CA6DE3ACE72F391375BF06A
11	11	CN=RACER, O=AC Camerfirma SA, serialNumber=A82743287, L=Madrid (see current address at www.camerfirma.com/address), emailAddress=caracer@camerfirma.com, C=ES	CN=AC Camerfirma, O=AC Camerfirma SA, L=Madrid (see current address at www.camerfirma.com/address), serialNumber=A82743287, emailAddress=ac_camerfirma@camerfirma.com, C=ES	1	rsaEncryption	2047 bit	sha1WithRSAEncryption	Dec 4 17:26:41 2003 GMT	Dec 4 17:26:41 2023 GMT	BE:BC:08:D4:2E:BA:00:4C:80:DC:26:67:B4:A5:D8:DD:C3:4A:1A:F9	F1712177935DBA40BDBD99C5F753319CF6293549B7284741E43916AD3BFBDD75
12	12	CN=Global Chambersign Root - 2008, O=AC Camerfirma S.A., serialNumber=A82743287, L=Madrid (see current address at www.camerfirma.com/address), C=EU	CN=Global Chambersign Root - 2008, O=AC Camerfirma S.A., serialNumber=A82743287, L=Madrid (see current address at www.camerfirma.com/address), C=EU	C9CDD3E9D57D23CE	rsaEncryption	4096 bit	sha1WithRSAEncryption	Aug 1 12:31:40 2008 GMT	Jul 31 12:31:40 2038 GMT	B9:09:CA:9C:1E:DB:D3:6C:3A:6B:AE:ED:54:F1:5B:93:06:35:2E:5E	136335439334A7698016A0D324DE72284E079D7B5220BB8FBD747816EEBEBACA
13	13	CN=AC Camerfirma - 2009, L=Madrid (see current address at https://www.camerfirma.com/address), serialNumber=A82743287, O=AC Camerfirma S.A., C=ES	CN=Global Chambersign Root - 2008, O=AC Camerfirma S.A., serialNumber=A82743287, L=Madrid (see current address at www.camerfirma.com/address), C=EU	2	rsaEncryption	4096 bit	sha1WithRSAEncryption	Mar 16 17:16:25 2009 GMT	Mar 11 17:16:25 2029 GMT	C8:00:0F:FC:C6:52:FC:9F:DB:3B:64:2E:32:B9:6E:2E:71:F3:65:79	B68D5D9B4EA635957C0C3215C20D35B2217B69E349C7A304C4F97F20C4081F88
14	14	CN=AC Camerfirma Portugal - 2015, L=Madrid (see current address at www.camerfirma.com/address), serialNumber=A82743287, O=AC Camerfirma S.A., C=ES	CN=Global Chambersign Root - 2008, O=AC Camerfirma S.A., serialNumber=A82743287, L=Madrid (see current address at www.camerfirma.com/address), C=EU	04796F61322C16A2	rsaEncryption	4096 bit	sha256WithRSAEncryption	Nov 17 09:25:56 2015 GMT	Nov 21 09:25:56 2037 GMT	20:69:9A:6C:64:51:9B:E2:4C:60:CA:E3:E8:58:C2:85:E7:24:0D:7A	404E643D6EED3BFCFAFC49CC57D6E6E4B6DE8297176C5190F15E0A5EF11FE97
15	15	CN=DigitalSign Primary CA, L=Guimaraes (see current address at www.digitalsign.pt), serialNumber=PT507015851, O=DigitalSign Certificadora Digital, C=PT	CN=AC Camerfirma Portugal - 2015, L=Madrid (see current address at www.camerfirma.com/address), serialNumber=A82743287, O=AC Camerfirma S.A., C=ES	04BC072245696794	rsaEncryption	4096 bit	sha512WithRSAEncryption	Nov 25 09:07:44 2015 GMT	Nov 9 09:07:44 2037 GMT	A8:55:F0:33:C3:4E:22:CC:68:1C:A1:19:AC:D1:2A:13:3D:25:60:61	8101C3BAF9D0EDD71180D1F37D6D75B77B0E8CFB593D342C3A31E467985D4A74
16	16	CN=GLOBAL CORPORATE SERVER, serialNumber=A82743287, O=AC Camerfirma S.A., L=Madrid (see current address at www.camerfirma.com/address), C=ES	CN=Global Chambersign Root - 2008, O=AC Camerfirma S.A., serialNumber=A82743287, L=Madrid (see current address at www.camerfirma.com/address), C=EU	44841E74619F52CB	rsaEncryption	4096 bit	sha256WithRSAEncryption	May 25 15:51:59 2017 GMT	May 20 15:51:59 2037 GMT	5B:1B:EE:03:7B:A2:DB:E7:46:C0:C2:54:AB:A1:50:29:5F:F1:56:D7	201C0617CC3310C7F29FCBE46B57459BC6786A8BA2753018EB27C1E800168A2E
17	17	CN=GLOBAL CHAMBERSIGN ROOT - 2016, O=AC CAMERFIRMA S.A., 2.5.4.97=VATES-A82743287, serialNumber=A82743287, OU=GLOBAL CHAMBERSIGN ROOT - 2016, OU=see current address at www.camerfirma.com/address, L=MADRID, ST=MADRID, C=ES	CN=GLOBAL CHAMBERSIGN ROOT - 2016, O=AC CAMERFIRMA S.A., 2.5.4.97=VATES-A82743287, serialNumber=A82743287, OU=GLOBAL CHAMBERSIGN ROOT - 2016, OU=see current address at www.camerfirma.com/address, L=MADRID, ST=MADRID, C=ES	2DD22E5030A65E13	rsaEncryption	4096 bit	sha256WithRSAEncryption	Apr 14 07:50:06 2016 GMT	Apr 8 07:50:06 2040 GMT	E8:9B:CD:7E:86:62:9B:7A:4D:8C:00:97:39:85:CF:1C:78:90:70:3A	C1D80CE474A51128B77E794A98AA2D62A0225DA3F419E5C7ED73DFBF660E7109
18	18	CN=AC CAMERFIRMA - 2016, O=AC CAMERFIRMA S.A., 2.5.4.97=VATES-A82743287, serialNumber=A82743287, OU=AC CAMERFIRMA - 2016, OU=see current address at https://www.camerfirma.com/address, L=MADRID, ST=MADRID, C=ES	CN=GLOBAL CHAMBERSIGN ROOT - 2016, O=AC CAMERFIRMA S.A., 2.5.4.97=VATES-A82743287, serialNumber=A82743287, OU=GLOBAL CHAMBERSIGN ROOT - 2016, OU=see current address at www.camerfirma.com/address, L=MADRID, ST=MADRID, C=ES	1108715A574BA44D	rsaEncryption	4096 bit	sha256WithRSAEncryption	Apr 14 11:23:49 2016 GMT	Mar 9 11:23:49 2040 GMT	D2:84:97:44:4D:D9:88:EE:7C:25:BF:52:80:B3:29:48:9B:8B:18:84	371C57982CF543FBF9041EDC348A2E0ACDCDE4B6EC25EC242BAC84F01DAB181C

19	19	CN=AC CAMERFIRMA COLOMBIA - 2016, O=AC CAMERFIRMA S.A., 2.5.4.97=VATES-A82743287, serialNumber=A82743287, OU=AC CAMERFIRMA COLOMBIA - 2016, OU=see current address at https://www.camerfirma.com/address, L=MADRID, ST=MADRID, C=ES	CN=GLOBAL CHAMBERSIGN ROOT - 2016, O=AC CAMERFIRMA S.A., 2.5.4.97=VATES-A82743287, serialNumber=A82743287, OU=GLOBAL CHAMBERSIGN ROOT - 2016, OU=see current address at www.camerfirma.com/address, L=MADRID, ST=MADRID, C=ES	3F00A087126F41D2	rsaEncryption	4096 bit	sha256WithRSAEncryption	Apr 14 11:10:07 2016 GMT	Mar 9 11:10:07 2040 GMT	89:94:7A:CB:69:1B:9E:30:5 6:24:C0:D4:12:BF:5E:09:17 :D7:27:9C	82348E56FF765293EBE7E2A5B7B057F5C131C3B C68DBE7DB43531F40C76A3B2D
20	20	CN=AC CITISEG - 2016, O=CITISEG S.A.S., 2.5.4.97=NTRCO-900760499, serialNumber=900760499, OU=AC CITISEG - 2016, OU=see current address at www.citiseg.com/address, L=BOGOTÁ, ST=BOGOTÁ, C=CO	CN=AC CAMERFIRMA COLOMBIA - 2016, O=AC CAMERFIRMA S.A., 2.5.4.97=VATES-A82743287, serialNumber=A82743287, OU=AC CAMERFIRMA COLOMBIA - 2016, OU=see current address at https://www.camerfirma.com/add ress, L=MADRID, ST=MADRID, C=ES	5F512AA3E888C656	rsaEncryption	4096 bit	sha256WithRSAEncryption	Apr 14 11:42:06 2016 GMT	Feb 8 11:42:06 2040 GMT	A8:6F:90:7E:6A:FE:5C:98:5 7:4C:07:6D:F3:61:7C:2C:5E :EC:83:3F	2311977010FFEBB1BC2EAF2148188ACAFDF29B3 719C249BD91270AD679FFFC11
21	21	CN=AC CAMERFIRMA PERÚ - 2016, O=AC CAMERFIRMA S.A., 2.5.4.97=VATES-A82743287, serialNumber=A82743287, OU=AC CAMERFIRMA PERÚ - 2016, OU=see current address at https://www.camerfirma.com/add ress, L=MADRID, ST=MADRID, C=ES	CN=GLOBAL CHAMBERSIGN ROOT - 2016, O=AC CAMERFIRMA S.A., 2.5.4.97=VATES-A82743287, serialNumber=A82743287, OU=GLOBAL CHAMBERSIGN ROOT - 2016, OU=see current address at www.camerfirma.com/address, L=MADRID, ST=MADRID, C=ES	26F4AA13F0560872	rsaEncryption	4096 bit	sha256WithRSAEncryption	Oct 11 08:37:59 2016 GMT	Mar 10 08:37:59 2040 GMT	B7:6A:02:6D:2C:D9:B0:36:B 3:2B:6C:05:AA:34:5E:06:ED :B2:B9:9B	71A0214D43E5B3596DDB36AF8459E9E579AE929 B800D94A9E3F671E9F431C4F3
22	22	CN=AC CAMERFIRMA PERÚ CERTIFICADOS - 2016, O=CAMERFIRMA PERÚ S.A.C., 2.5.4.97=NTRPE-20566302447, serialNumber=20566302447, OU=AC CAMERFIRMA PERÚ CERTIFICADOS - 2016, OU=see current address at www.camerfirma.com.pe/address, L=LIMA, ST=LIMA, C=PE	CN=AC CAMERFIRMA PERÚ - 2016, O=AC CAMERFIRMA S.A., 2.5.4.97=VATES-A82743287, serialNumber=A82743287, OU=AC CAMERFIRMA PERÚ - 2016, OU=see current address at https://www.camerfirma.com/add ress, L=MADRID, ST=MADRID, C=ES	8C6A45F533AA3746	rsaEncryption	4096 bit	sha256WithRSAEncryption	Oct 11 08:57:05 2016 GMT	Feb 9 08:57:05 2040 GMT	3A:6E:65:18:E7:56:D2:E4:F 3:2D:DD:A5:7C:72:6D:FF:30 :E1:86:27	5B4BFC749A8158DFD4EBF3DF20782B0C284928B C40E89728CFAEBFCA7F85033D

MANAGEMENT ASSERTION REGARDING ITS BUSINESS PRACTICES AND CONTROLS OVER ITS CERTIFICATION AUTHORITY OPERATIONS DURING THE PERIOD FROM APRIL 14TH, 2018 THROUGH APRIL13TH, 2019

April 26th, 2019

AC Camerfirma, S.A. Certification Authority ("Camerfirma") operates the Certification Authority (CA) services known as "Chambers of Commerce Root" (2008 and 2018 updates) and "Global Chambersign Root" (2008 and 2016 updates), and provides the following CA services:

- Subscriber registration.
- Certificate issuance.
- Certificate renewal.
- Certificate distribution.
- Certificate suspension.
- Certificate revocation.
- Certificate validation.
- Subscriber key generation and management.
- Subordinate CA certification
- Subordinate CA cross-certification

The management of "Camerfirma" is responsible for establishing and maintaining effective controls over its CA operations, including its CA business practices disclosure on its website, CA business practices management, CA environmental controls, CA key lifecycle management controls, subscriber 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 Camerfirma's Certification Authority operations. Furthermore, because of changes in conditions, the effectiveness of controls may vary over time.

Camerfirma management has assessed its disclosures of its certificate practices and controls over its CA services. Based on that assessment, in Camerfirma management's opinion, in providing its Certification Authority (CA) services at https://www.camerfirma.com/aviso-legal/, throughout the period April 14th, 2018 to April 13th, 2019, Camerfirma has:

- disclosed its business, key lifecycle management, certificate lifecycle management, and CA environmental control practices in its:
  - Name: CAMERFIRMA_CPS_EN_3.3.4.pdf
  - Link: https://www.camerfirma.com/publico/DocumentosWeb/politicas/CAMERFIRMA_CPS_EN_3.3.4.pdf
  - Version: 3.4

  - PC_Chambers_of_Commerce_Root_1_0_1.pdf
  - Link: https://www.camerfirma.com/publico/DocumentosWeb/politicas/PC_Chambers_of_Commerce_Root-1.0.1.pdf
  - Version: 1.0.1

  - PC_Camerfirma_CodeSign_v1.0.3.pdf

- o Link:
  https://www.camerfirma.com/publico/DocumentosWeb/politicas/PC_Camerfirma_CodeS
  ign_v1.0.3.pdf
- o Version 1.0.3

- o PC_CAM_PF_1_1_6.pdf
- o Link:
  https://www.camerfirma.com/publico/DocumentosWeb/politicas/PC_CAM_PF_1.1.6.pdf
- o Version 1.1.6

- o PC_Camerfirma_Representante_AAPP_1.1.pdf
- o Link:
  https://www.camerfirma.com/publico/DocumentosWeb/politicas/PC_Camerfirma_Repre
  sentante_AAPP_1.1.pdf
- o Version 1.1

- o PC_CAM_PR_1_1_5.pdf
- o Link:
  https://www.camerfirma.com/publico/DocumentosWeb/politicas/PC_CAM_PR_1.1.5.pdf
- o Version 1.1.5

- o PC_CAM_AP_1.1.6.pdf
- o Link:
  https://www.camerfirma.com/publico/DocumentosWeb/politicas/PC_CAM_AP_1.1.6.pdf
- o Version 1.1.6

- o PC_CAM_PJ_1_1_6.pdf
- o Link:
  https://www.camerfirma.com/publico/DocumentosWeb/politicas/PC_CAM_PJ_v1.1.6.pdf
- o Version: 1.1.6

- o PC_CAM_PFF_1_1_5.pdf
- o Link:
  https://www.camerfirma.com/publico/DocumentosWeb/politicas/PC_CAM_PFF_1.1.5.pdf
- o Version: 1.1.5

- o PC_Global_Chambersign_Root_1.0.1.pdf
- o Link:
  https://www.camerfirma.com/publico/DocumentosWeb/politicas/PC_Global_Chambersi
  gn_Root-1.0.1.pdf
- o Version: 1.0.1

- o PC_RACER_1_4_2.pdf
- o Link:
  https://www.camerfirma.com/publico/DocumentosWeb/politicas/PC_RACER_1.4.2.pdf
- o Version: 1.4.2

- maintained effective controls to provide reasonable assurance that:
  - o Camerfirma's Certification Practice Statements are consistent with its Certificate Policies
  - o Camerfirma provides its services in accordance with its Certificate Policies and
    Certification Practice Statements

- maintained effective controls to provide reasonable assurance that:
  - o the integrity of keys and certificates it manages is established and protected throughout
    their lifecycles;
  - o the integrity of subscriber keys and certificates it manages is established and protected
    throughout their lifecycles;
  - o subscriber information is properly authenticated (for the registration activities performed

by Camerfirma); and
o subordinate CA certificate requests are accurate, authenticated, and approved

- maintained effective controls to provide reasonable assurance that:
  o logical and physical access to CA systems and data is restricted to authorized individuals;
  o the continuity of key and certificate management operations is maintained; and
  o 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 v2.1, including the following:

CA business practices disclosure Service integrity:

Key Life cycle Management Controls:
- CA Key Generation
- CA Key Storage, Backup and Recovery
- CA Public Key Distribution
- CA Key Usage
- CA Key Destruction
- CA Key Archival
- CA Cryptographic Hardware Life Cycle Management

Certificate Life Cycle Management Controls:
- Subscriber registration
- Certificate Rekey
- Certificate Issuance
- Certificate Distribution
- Certificate Revocation
- Certificate Status Information Processing

CA Environmental Controls:
- Certification Practice Statement and Certificate Policy Management
- 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
- Event Journaling

Alfonso Carcasona García

Chief Executive Officer

AC Camerfirma, S.A.