

INDEPENDENT ASSURANCE REPORT

To the management of Entrust Limited (“Entrust”):

Scope

We have been engaged, in a reasonable assurance engagement, to report on Entrust management’s [statement](#) that for its Certification Authority (“CA”) operations at Ottawa, Ontario, Canada and Toronto, Ontario, Canada, throughout the period March 1, 2025 to September 17, 2025 (the “Period”) for its CAs as enumerated in [Attachment A](#), Entrust has:

- disclosed its extended validation SSL (“EV SSL”) certificate lifecycle management business practices in its Certificate Policy/ Certification Practice Statements (“CP/CPS”) as enumerated in [Attachment B](#), including its commitment to provide EV SSL certificates in conformity with the CA/Browser Forum Guidelines on the Entrust website, and provided such services in accordance with its disclosed practices
- maintained effective controls to provide reasonable assurance that:
 - the integrity of keys and EV SSL certificates it manages is established and protected throughout their lifecycles; and
 - EV SSL subscriber information is properly authenticated (for the registration activities performed by Entrust)

in accordance with the [WebTrust Principles and Criteria for Certification Authorities – Extended Validation SSL v1.8](#).

Certification authority’s responsibilities

Entrust’s management is responsible for its statement, including the fairness of its presentation, and the provision of its described services in accordance with the [WebTrust Principles and Criteria for Certification Authorities – Extended Validation SSL v1.8](#).

Our independence and quality management

We have complied with the relevant rules of professional conduct / code of ethics applicable to the practice of public accounting and related to assurance engagements, issued by various professional accounting bodies, which are founded on fundamental principles of integrity, objectivity, professional competence and due care, confidentiality and professional behaviour.

The firm applies Canadian Standard on Quality Management 1, *Quality Management for Firms that Perform Audits or Reviews of Financial Statements, or Other Assurance or Related Services Engagements*, which requires the firm to design, implement and operate a system of quality management, including policies or 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 statement based on our procedures. We conducted our procedures in accordance with Canadian Standard on Assurance Engagements 3000, *Attestation Engagements Other than Audits or Reviews of Historical Financial Information*, set out in the CPA Canada Handbook – Assurance. This standard requires that we plan and perform our procedures to obtain reasonable assurance about whether, in all material respects, management’s statement is fairly stated, and, accordingly, included:

- (1) obtaining an understanding of Entrust’s EV SSL certificate lifecycle management business practices, including its relevant controls over the issuance, renewal, and revocation of EV SSL certificates
- (2) selectively testing transactions executed in accordance with disclosed EV 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.



The relative effectiveness and significance of specific controls at Entrust 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 unauthorised 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.

Emphasis of Matters

Without modifying our opinion, we draw attention to the following matters relevant to the scope of our procedures.

In accordance with Entrust's transition plan, Entrust has stopped issuing public SSL certificates from Entrust Root CAs as of March 11, 2025. All other public-facing services, including certificate issuance, renewals, and revocations, were discontinued as of September 8, 2025. Entrust did not generate any new cryptographic keys during the audit period; therefore, controls related to key generation were considered out of scope for this engagement.

As part of the transition plan and transfer of ownership of certain key pairs to Sectigo, specific key backups were generated by Entrust, formally transported to Sectigo, and remaining copies were subsequently destroyed. While Deloitte independently witnessed the Key Destruction Ceremonies at the Toronto location on September 4, 2025, and at the Ottawa location on September 16, 2025, we were not engaged to independently observe the key backup procedures, nor did we witness the ceremony associated with the transfer of backup keys to Sectigo.

Opinion

In our opinion, throughout the period March 1, 2025 to September 17, 2025, Entrust management's statement, as referred to above, is fairly stated, in all material respects, in accordance with the [WebTrust Principles and Criteria for Certification Authorities – Extended Validation SSL v1.8.](#)

This report does not include any representation as to the quality of Entrust's services beyond those covered by [WebTrust Principles and Criteria for Certification Authorities – Extended Validation SSL v1.8.](#), nor the suitability of any of Entrust's services for any customer's intended purpose.

Use of the WebTrust seal

Entrust's use of the WebTrust for Certification Authorities – Extended Validation SSL 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.

Deloitte LLP
Chartered Professional Accountants
Toronto, Ontario, Canada
November 19, 2025

ATTACHMENT A

LIST OF IN SCOPE CAs

Root Cas
<ol style="list-style-type: none"> 1. Entrust.net Certification Authority (2048) 2. Entrust Root Certification Authority 3. Entrust Root Certification Authority - G2 4. Entrust Root Certification Authority – G4 5. Entrust Root Certification Authority – EC1 6. Entrust 4K EV TLS Root CA - 2022 7. Entrust P384 EV TLS Root CA - 2022 8. AffirmTrust Commercial 9. AffirmTrust Networking 10. AffirmTrust Premium 11. AffirmTrust Premium ECC 12. AffirmTrust 4K TLS Root CA – 2022
DV SSL Issuing Cas
<ol style="list-style-type: none"> 13. AffirmTrust Certificate Authority – DV1 14. AffirmTrust 4K TLS Certification Authority - DVTLS1
OV SSL Issuing Cas
<ol style="list-style-type: none"> 15. Entrust Certification Authority – L1F 16. Entrust Certification Authority – L1K 17. Entrust 4K TLS Certification Authority - OVTLS1 18. Entrust P384 TLS Certification Authority - OVTLS2 19. CrowdStrike TLS CA 2022 20. Siemens Issuing CA Internet Server 2020 21. Namirial OV SSL CA 2023 22. AffirmTrust Certificate Authority – OV1
EV SSL Issuing Cas
<ol style="list-style-type: none"> 23. Entrust Certification Authority – L1E 24. Entrust Certification Authority – L1J 25. Entrust Certification Authority – L1M 26. Entrust Certification Authority – L1N 27. Entrust Certification Authority – ES QWAC2 28. Entrust 4K TLS Certification Authority - EVTLS1 29. Entrust P384 TLS Certification Authority - EVTLS2 30. Namirial EV SSL CA 2023 31. AffirmTrust Extended Validation CA – EV1 32. AffirmTrust Extended Validation CA – EV2 33. AffirmTrust Extended Validation CA – EV3 34. AffirmTrust Extended Validation CA – EVEC1

CA IDENTIFYING INFORMATION

CA #	Cert #	Note	Subject	Issuer	Serial Number	Key Type	Hash Type	Not Before	Not After	Revoked Date	Extended Key Usage	Subject Key Identifier	SHA256 Fingerprint
1	1	1,2	CN=Entrust.net Certification Authority (2048) OU=(c) 1999 Entrust.net Limited OU=www.entrust.net/CPS_2048 incorp. by ref. (limits liab.) O=Entrust.net	CN=Entrust.net Certification Authority (2048) OU=(c) 1999 Entrust.net Limited OU=www.entrust.net/CPS_2048 incorp. by ref. (limits liab.) O=Entrust.net	3863def8	RSA 2048-bits	RSA SHA-1	12/24/1999 17:50	7/24/2029 14:15			55e481d11180bed889b908a331f9a1240916b970	6DC47172E01CBCB08F62580D895FE2B8AC9AD4F873801E0C10B9C837D21E8177
2	1	1,2	CN=Entrust Root Certification Authority OU=(c) 2006 Entrust, Inc. OU=www.entrust.net/CPS is incorporated by reference O=Entrust, Inc. C=US	CN=Entrust Root Certification Authority OU=(c) 2006 Entrust, Inc. OU=www.entrust.net/CPS is incorporated by reference O=Entrust, Inc. C=US	456b5054	RSA 2048-bits	RSA SHA-1	11/27/2006 20:23	11/27/2026 20:53			6890e467a4a65380c78666a4f1f74b43fb84bd6d	73C176434F1BC6D5ADF45B0E76E727287C8DE57616C1E6E6141A2B2CBC7D8E4C
3	1	1,2	CN=Entrust Root Certification Authority - G2 OU=(c) 2009 Entrust, Inc. - for authorized use only OU=See www.entrust.net/legal-terms O=Entrust, Inc. C=US	CN=Entrust Root Certification Authority - G2 OU=(c) 2009 Entrust, Inc. - for authorized use only OU=See www.entrust.net/legal-terms O=Entrust, Inc. C=US	4a538c28	RSA 2048-bits	RSA SHA-256	7/17/2009 17:25	12/17/2030 17:55			6a72267ad01eef7de73b6951d46c8d9f901266ab	43DF5774B03E7FEF5FE40D931A7BEDF1BB2E6B42738C4E6D3841103D3AA7F339
	2		CN=Entrust Root Certification Authority - G2 OU=(c) 2009 Entrust, Inc. - for authorized use only OU=See www.entrust.net/legal-terms O=Entrust, Inc. C=US	CN=Entrust Root Certification Authority OU=(c) 2006 Entrust, Inc. OU=www.entrust.net/CPS is incorporated by reference O=Entrust, Inc. C=US	525c32e349f48525bc8d7810d7aabb67	RSA 2048-bits	RSA SHA-256	3/6/2024 16:00	11/26/2026 23:59			6a72267ad01eef7de73b6951d46c8d9f901266ab	65F0358FC93934CD5AAC43122F37948D7BD042D148E6FD88B2E65AA9AC399DDD
4	1	1,2	CN=Entrust Root Certification Authority - G4 OU=(c) 2015 Entrust, Inc. - for authorized use only OU=See www.entrust.net/legal-terms O=Entrust, Inc. C=US	CN=Entrust Root Certification Authority - G4 OU=(c) 2015 Entrust, Inc. - for authorized use only OU=See www.entrust.net/legal-terms O=Entrust, Inc. C=US	00d9b5437fafa939f0f00000005565ad58	RSA 4096-bits	RSA SHA-256	5/27/2015 11:11	12/27/2037 11:41			9f38c45623c339e8a0716ce8544ce4e83ab1bf67	DB3517D1F6732A2D5A897C533EC70779EE3270A62FB4AC4238372460E6F01E88
5	1	1,2	CN=Entrust Root Certification Authority - EC1 OU=(c) 2012 Entrust, Inc. - for authorized use only OU=See www.entrust.net/legal-terms O=Entrust, Inc. C=US	CN=Entrust Root Certification Authority - EC1 OU=(c) 2012 Entrust, Inc. - for authorized use only OU=See www.entrust.net/legal-terms O=Entrust, Inc. C=US	00a68b79290000000050d091f9	EC 384-bits	ECDSA SHA-384	12/18/2012 15:25	12/18/2037 15:55			b763e71add8de908a65583a4e06a504165114249	02ED0E28C14DA45165C566791700D6451D7F856F0B2AB1D388E8070E56EDFF5
	2		CN=Entrust Root Certification Authority - EC1 OU=(c) 2012 Entrust, Inc. - for authorized use only OU=See www.entrust.net/legal-terms O=Entrust, Inc. C=US	CN=Entrust Root Certification Authority OU=(c) 2006 Entrust, Inc. OU=www.entrust.net/CPS is incorporated by reference O=Entrust, Inc. C=US	008011196de613db16000000051d3575e	EC 384-bits	RSA SHA-256	6/10/2016 14:58	11/10/2026 15:28			b763e71add8de908a65583a4e06a504165114249	3FDE0D36E02686E8EBE2C28883607C8651DE10BDC1FCAD365E60F4EA2F3B03
6	1	1,2	CN = Entrust 4K EV TLS Root CA - 2022 O = Entrust, Inc. C = US	CN = Entrust 4K EV TLS Root CA - 2022 O = Entrust, Inc. C = US	72429d8f40dfe46dafbe06ebb533194ce90d6c76	RSA 4096-bits	RSA SHA-384	12/13/2022 16:35	12/7/2047 16:35			0bdd90d58fb3f5cb60a0551a2482863c413041	647987D98D52645DA4D3E3B80771A0CE02B9B9285E6E86999882170744EC9AA
	2			CN = Entrust Root Certification Authority - G2 O=Entrust, Inc. C = US	ac9a58d8637568d2cdfddc1c7955cc	RSA 4096-bits	RSA SHA-256	3/6/2024 15:31	12/6/2030 23:59	9/2/2025		0bdd90d58fb3f5cb60a0551a2482863c413041	E821B11129110567F1607F0B0F368EC78D811418F0C48CC425450F6E888095D
7	1	1	CN = Entrust P384 EV TLS Root CA - 2022 O = Entrust, Inc. C = US	CN = Entrust P384 EV TLS Root CA - 2022 O = Entrust, Inc. C = US	097558f5a16c16877bbd064ffd9ce483ba4b040b	EC 384-bits	ECDSA SHA-384	12/13/2022 16:46	12/7/2047 16:46			137210ae82580fc1389bbcb6a64c05ca8e8468bf	937EF8F1227683C7A3F58E345D09A6EFFF01F862F8D2794441CD84D511825FA0C

Note:
 1- Copy of the key was destroyed during Key Destruction Ceremony on September 4, 2025 or September 16, 2025
 2- Backup Key was transferred to Sectigo on August 14, 2025

CA #	Cert #	Note	Subject	Issuer	Serial Number	Key Type	Hash Type	Not Before	Not After	Revoked Date	Extended Key Usage	Subject Key Identifier	SHA256 Fingerprint
8	1		CN = AffirmTrust Commercial O = AffirmTrust C = US	CN = AffirmTrust Commercial O = AffirmTrust C = US	7777062726a9b17c	RSA 2048- bits	RSA SHA- 256	1/29/2010 14:06	12/31/2030 14:06			9d93c6538b5ecaf3f9f1e0fe59995bc24f6948f	0376AB1D54C5F9803CE4B2E201A0EE7EEF7B57B636E8A93C9B8D4860C96F5FA7
9	1		CN = AffirmTrust Networking O = AffirmTrust C = US	CN = AffirmTrust Networking O = AffirmTrust C = US	7c4f04391cd4992d	RSA 2048- bits	RSA SHA- 256	1/29/2010 14:08	12/31/2030 14:08			071fd2e79cdac26ea240b4b07a50105074c4c8bd	0A81EC5A929777F145904AF38D5D09F66B5E2C58FCD8531058B0E17F3F0B41B
10	1		CN = AffirmTrust Premium O = AffirmTrust C = US	CN = AffirmTrust Networking O = AffirmTrust C = US	6d8c1446b1a60aee	RSA 2048- bits	RSA SHA- 256	1/29/2010 14:10	12/31/2030 14:10			9dc067a60c22d926f545aba665521127d845ac63	70A73F7F376B60074248904534B11482D5BF0E698ECC498DF52577EBF2E9389A
11	1		CN = AffirmTrust Premium ECC O = AffirmTrust C = US	CN = AffirmTrust Premium ECC O = AffirmTrust C = US	7497258ac73f7a54	RSA 2048- bits	RSA SHA- 256	1/29/2010 14:20	12/31/2040 14:20			9aaf297ac011353526513000c36afe40d5aed63c	BD71FDF6DA97E4CF62D1647ADD2581B07D79ADF8397EB4ECBA9C5E8488821423
12	1	1	CN = AffirmTrust 4K TLS Root CA - 2022 O = AffirmTrust C = CA	CN = AffirmTrust 4K TLS Root CA - 2022 O = AffirmTrust C = CA	4261723e9b00a227d3bd5871e2d5b404687473a5	RSA 2096- bits	RSA SHA- 256	12/13/2022 17:05	12/7/2047 17:05			07875af4076871d9661be264788037805cdef727	A7DED5A842167DD12FDA0F2080E732958888BEA71B2094EA0950945A482FC1
13	1		CN = AffirmTrust Certificate Authority - DV1 O = See www.affirmtrust.com/repository ON = AffirmTrust CN = CA	CN = AffirmTrust Commercial ON = AffirmTrust CN = US	6345009686538276405	RSA 2048- bits	RSA SHA- 256	4/7/2017 15:10	12/2/2030 04:00	9/9/2025	TLS Web Server Authentication, TLS Web Client Authentication	33DF7A3E027996EBB60CC063FA758F9222CD91FA	CA4389C89DDFC318EC26C74B44A8498C58B2D838516FA01B14F1393629E58A40
	2		CN = AffirmTrust Certificate Authority - DV1 O = See www.affirmtrust.com/repository ON = AffirmTrust CN = CA	CN = AffirmTrust Commercial ON = AffirmTrust CN = US	62b43c3eba53918177f127a837b574f96	RSA 2048- bits	RSA SHA- 256	3/21/2019 20:21	12/2/2030 04:00	9/9/2025	TLS Web Server Authentication, TLS Web Client Authentication	33DF7A3E027996EBB60CC063FA758F9222CD91FA	45638936E35AB97576FAEF1935D98C7E9977841F0573BD2E16BCAC9534A6AF9
14	1	1	CN = AffirmTrust 4K TLS Certification Authority - DV TLS1 O = AffirmTrust C = CAS	CN = AffirmTrust 4K TLS Root CA - 2022 O = AffirmTrust C = CA	04e911e082864b911d97267aa3388c5a	RSA 4096- bits	SHA384	12/14/2022 18:09	12/29/2040 23:59		TLS Web Server Authentication, TLS Web Client Authentication	45c174f7f4d03320f133efb8da6179886f5c96	FB327FE14AB3FEC5C96D9169A8B536382B97B1B325543CD8A10F8C431E103
15	1	1,2	CN=Entrust Certification Authority - L1F OU=(c) 2016 Entrust, Inc. - for authorized use only OU=See www.entrust.net/legal-terms O=Entrust, Inc. C=US	CN=Entrust Root Certification Authority - EC1 OU=(c) 2012 Entrust, Inc. - for authorized use only OU=See www.entrust.net/legal-terms O=Entrust, Inc. C=US	b601913d8553bafa000000051d4c1f6	EC 384- bits	ECDSA SHA-384	4/5/2016 20:17	10/5/2037 20:47		TLS Web Server Authentication, TLS Web Client Authentication	2e62f014ee87cdb335033defe4b99efd3bb8a3c9	183580E482EA65536FC010E4BC13C060F65668165FBA9E2F542CE96CA6DFEFC
	2		CN=Entrust Certification Authority - L1F OU=(c) 2016 Entrust, Inc. - for authorized use only OU=See www.entrust.net/legal-terms O=Entrust, Inc. C=US	CN=Entrust Root Certification Authority - EC1 OU=(c) 2012 Entrust, Inc. - for authorized use only OU=See www.entrust.net/legal-terms O=Entrust, Inc. C=US	a25b1769bad80ad7000000051ce1941	EC 384- bits	RSA SHA- 256	2/5/2021 16:34	7/5/2029 17:04		TLS Web Server Authentication, TLS Web Client Authentication	2e62f014ee87cdb335033defe4b99efd3bb8a3c9	0C5A09DB8AEDF7D2D1DDE14DCCC2DB6EA959BFCF6F010360D836C342C624D7E0E
16	1	1,2	CN=Entrust Certification Authority - L1K OU=(c) 2012 Entrust, Inc. - for authorized use only OU=See www.entrust.net/legal-terms O=Entrust, Inc. C=US	CN=Entrust Root Certification Authority - G2 OU=(c) 2009 Entrust, Inc. - for authorized use only OU=See www.entrust.net/legal-terms O=Entrust, Inc. C=US	79851D5C8C895C56D97FEF2D5CF3D6	RSA 2048- bits	RSA SHA- 256	10/5/2015 19:13	12/5/2030 19:43			82a27074ddbc533fcf7bd4f7cd7fa760c60a4cbf	052C0174E806F9474AEC865129A04867F385087B631393B4D8A7F26B43733348
	2		CN=Entrust Certification Authority - L1K OU=(c) 2012 Entrust, Inc. - for authorized use only OU=See www.entrust.net/legal-terms O=Entrust, Inc. C=US	CN=Entrust Root Certification Authority - G2 OU=(c) 2009 Entrust, Inc. - for authorized use only OU=See www.entrust.net/legal-terms O=Entrust, Inc. C=US	0ee94cc3000000051d37785	RSA 2048- bits	RSA SHA- 256	10/5/2015 19:13	12/5/2030 19:43			82a27074ddbc533fcf7bd4f7cd7fa760c60a4cbf	13F839A2F6654E8C67BD04F4C6D4C90C6CAB5091BCEDC73787F6B77D3D3FE7

Note:

1- Copy of the key was destroyed during Key Destruction Ceremony on September 4, 2025 or September 16, 2025

2- Backup Key was transferred to Sectigo on August 14, 2025

CA #	Cert #	Note	Subject	Issuer	Serial Number	Key Type	Hash Type	Not Before	Not After	Revoked Date	Extended Key Usage	Subject Key Identifier	SHA256 Fingerprint
	3		CN = Entrust Certification Authority - L1K OU = (c) 2012 Entrust, Inc. - for authorized use only OU = See www.entrust.net/legal-terms O = Entrust, Inc. C = US	CN = Entrust.net Certification Authority (2048) OU = (c) 1999 Entrust.net Limited OU = www.entrust.net/CPS_2048 incorp. by ref. (limits liab.) O = Entrust.net	2e0451ce5d2424c72b5d6576716506d8	RSA 2048-bits	RSA SHA-256	11/25/2022 21:19	7/23/2029 00:00		Server Authentication (1.3.6.1.5.5.7.3.1) Client Authentication (1.3.6.1.5.5.7.3.2)	82a27074ddb533fc7bd4f7cd7fa760c60a4cbf	7f4325cc24107a39441552f27fdc34185802482e164d1794aa415ef1e4206ba7
17	1	1	CN = Entrust 4K TLS Certification Authority - OVTL1 O = Entrust, Inc. C = US	CN = Entrust 4K TLS Root CA - 2022 O = Entrust, Inc. C = US	68ca04736adcebbd10432a6bd6ef8a34	EC 384-bits	RSA SHA-256	12/14/2022 18:23	12/29/2040 23:59		Server Authentication (1.3.6.1.5.5.7.3.1) Client Authentication (1.3.6.1.5.5.7.3.2)	a80003c10185b8c0272aa9bc08acfad44abe51a5	9EC6CA44D6AD85DAEF9C9D773787E3BB8E1243F5455341B8438A6776869333B
18	1	1	CN = Entrust P384 TLS Certification Authority - OVTL2 O = Entrust, Inc. C = US	CN = Entrust P384 TLS Root CA - 2022 O = Entrust, Inc. C = US	68772973693c55320a742ff1433ca0a2	EC 384-bits	RSA SHA-256	12/14/2022 18:25	12/29/2040 23:59		Server Authentication (1.3.6.1.5.5.7.3.1) Client Authentication (1.3.6.1.5.5.7.3.2)	c25b7126ed58efa51419aa2ef60456546f9a39c9	2DB842F824321277291266B230ABC31DE13C1D4B852D6C21C9B1007D5AC20681
19	1	1,2	CN = CrowdStrike TLS CA 2022 O = CrowdStrike, Inc. C = US	CN = Entrust Root Certification Authority - G2 OU = (c) 2009 Entrust, Inc. - for authorized use only OU = See www.entrust.net/legal-terms O = Entrust, Inc. C = US	309dc7b318912d0ecb7d1df27ab75cdf	RSA 2048-bits	RSA SHA-256	11/15/2022 16:50	12/6/2030 00:00:00			55eaa745b99af7b671311a31dfa176fe7692997a	2C4AD64B4E862D7D46424D9FA13EA9A974A62F7C4B608AE1A871424CC9A6873D
20	1		CN=Siemens Issuing CA Internet Server 2020 O=Siemens C=DE	CN=Entrust Root Certification Authority - G2 OU=(c) 2009 Entrust, Inc. - for authorized use only OU=See www.entrust.net/legal-terms O=Entrust, Inc. C=US	00fab27dfff80d09a000000051d39440	RSA 2048-bits	RSA SHA-256	8/10/2020 14:11	11/10/2030 14:41	9/2/2025	TLS Web Server Authentication, TLS Web Client Authentication	c9a757cb86c96107c6c2b48665a91ec1cae1029b	A665007A05EFE1889D66A40DEECBC61A271E919006811FDB8DBD7E0675212D1
21	1	1,2	CN = Namirial OV SSL CA 2023 O = Namirial S.p.A C = IT	CN = Entrust Root Certification Authority - G2 OU = (c) 2009 Entrust, Inc. - for authorized use only OU = See www.entrust.net/legal-terms O = Entrust, Inc. C = US	17c236215a437f11aae022348b6b7f2d	RSA 2048-bits	RSA SHA-256	2/9/2023 20:09	12/7/2030 12:59		Server Authentication (1.3.6.1.5.5.7.3.1) Client Authentication (1.3.6.1.5.5.7.3.2)	9a9f6fa5f8fe34fc102deb2f89c6b9d7c692d31e	F4E26E80279228D96D47B05DF744AE6CE6AAD888A3B75D249EB3D22D27F4C6
22	1		CN AffirmTrust Certificate Authority – OV1 OU= See www.affirmtrust.com/repository ON= AffirmTrust C=CA	CN= AffirmTrust Commercial ON= AffirmTrust C=US	1764987999490089933	RSA 2048-bits	RSA SHA-256	11/29/2016 16:49	12/2/2030 04:00	9/2/2025		FE60C30DA4A29D214F7A784C62C5DB14FC3978C4	EA4EE2FAA57AE4B539B63977FE5BB205B6AFB32F7A73B2B363E4BE02CD8A91E9
	2		CN= AffirmTrust Certificate Authority – OV1 OU= See www.affirmtrust.com/repository ON= AffirmTrust C=CA	CN= AffirmTrust Commercial ON= AffirmTrust C=US	53f6a611092e528ed963f19149532204	RSA 2048-bits	RSA SHA-256	3/21/2019 20:25	12/2/2030 04:00	9/2/2025	TLS Web Server Authentication, TLS Web Client Authentication	FE60C30DA4A29D214F7A784C62C5DB14FC3978C4	B5FD6F800334F56503680999F8310B580BD7268395D8B267005697AF7301C5E8
23	1		CN=Entrust Certification Authority - L1E OU=(c) 2009 Entrust, Inc. OU=www.entrust.net/rpa is incorporated by reference O=Entrust, Inc. C=US	CN=Entrust Root Certification Authority OU=(c) 2006 Entrust, Inc. OU=www.entrust.net/CPS is incorporated by reference O=Entrust, Inc. C=US	008666b02ac1cb5440000000051d3589c	RSA 2048-bits	RSA SHA-256	6/19/2019 16:52	11/19/2026 17:22	9/2/2025	TLS Web Server Authentication, TLS Web Client Authentication	5b418ab2c443c1bd9fc85441559de096adffb9a1	232F6367CF561E00C83E180A9FCA8546B3771FB450EBCB4A0526F8349C8CA139
24	1	1,2	CN=Entrust Certification Authority - L1J OU=(c) 2016 Entrust, Inc. - for authorized use only OU=See www.entrust.net/legal-terms O=Entrust, Inc. C=US	CN=Entrust Root Certification Authority - EC1 OU=(c) 2012 Entrust, Inc. - for authorized use only OU=See www.entrust.net/legal-terms O=Entrust, Inc. C=US	0a83d4803e7e9f510000000051d4c1f7	EC 384-bits	ECDSA SHA-384	4/5/2016 20:19	10/5/2037 20:49		TLS Web Server Authentication, TLS Web Client Authentication	c3f94503bec8f90b3c4535f3eb72ece7e8eb949b	3447B74B5E500A549983FA2CED73A5642E6AAEC78829546158437DF66D743588
25	1	1,2	CN=Entrust Certification Authority - L1M OU=(c) 2014 Entrust, Inc. - for authorized use only OU=See www.entrust.net/legal-terms O=Entrust, Inc. C=US	CN=Entrust Root Certification Authority - G2 OU=(c) 2009 Entrust, Inc. - for authorized use only OU=See www.entrust.net/legal-terms O=Entrust, Inc. C=US	61a1e7d20000000051d366a6	RSA 2048-bits	RSA SHA-256	12/15/2014 15:25	10/15/2030 15:55		TLS Web Client Authentication, TLS Web Server Authentication	c3f7d0b52a30adaf0d9121703954ddbc8970c73a	75C5B3F01FD1F51A2C447AB7C785D72E69FA9C472C08571E7EADF3B8EABAE70C

Note:

1- Copy of the key was destroyed during Key Destruction Ceremony on September 4, 2025 or September 16, 2025

2- Backup Key was transferred to Sectigo on August 14, 2025

CA #	Cert #	Note	Subject	Issuer	Serial Number	Key Type	Hash Type	Not Before	Not After	Revoked Date	Extended Key Usage	Subject Key Identifier	SHA256 Fingerprint
26	1		CN=Entrust Certification Authority - L1N OU=(c) 2014 Entrust, Inc. - for authorized use only OU=See www.entrust.net/legal-terms O=Entrust, Inc. C=US	CN=Entrust Root Certification Authority - G4 OU=(c) 2015 Entrust, Inc. - for authorized use only OU=See www.entrust.net/legal-terms O=Entrust, Inc. C=US	00abec77ff1b410c0700000005565d805	RSA 2048-bits	RSA SHA-256	11/22/2017 20:04	12/22/2030 20:3	9/2/2025	TLS Web Server Authentication, TLS Web Client Authentication	ee47d18571f1fd2db73fbb3e6358771749400e95	B14D5089079C1D8F7649DB9A5D3CEFB1AAC06F66AFC49225C5BE2AA19FD41A35
27	1	1,2	CN=Entrust Certification Authority - ES QWAC2 ON=VATES-B81188047 O=Entrust EU, S.L. C=ES	CN=Entrust Root Certification Authority - G2 OU=(c) 2009 Entrust, Inc. - for authorized use only OU=See www.entrust.net/legal-terms O=Entrust, Inc. C=US	7a8872b868a359dab1b02ecf4c9718d	RSA 2048-bits	RSA SHA-256	11/16/2021 00:00	12/01/2030 00:00		TLS Web Server Authentication, TLS Web Client Authentication	41cfae2b1d633bc4cf5904479b65a2489df929c	C97F2F6E6A8ADB6CECFE4978F08CA8F6F0123A94784522B610ADF6AB51439FC62
28	1	1	CN = Entrust 4K TLS Certification Authority - EVTLS1 O = Entrust, Inc. C = US	CN = Entrust 4K EV TLS Root CA - 2022 O = Entrust, Inc. C = US	31ef81d7823f9a0f27b5d3085df41ec0	EC 384-bits	ECDSA SHA-384	12/14/2022 14:16	12/29/2040 19:59		Server Authentication (1.3.6.1.5.5.7.3.1) Client Authentication (1.3.6.1.5.5.7.3.2)	9930115c04d2448b259713c665d21616c9678792	AAC8B9394C3B80376622444235343371C59E951FF85A151B3FE19C288076E2B5
29	1	1	CN = Entrust P384 TLS Certification Authority - EVTLS2 O = Entrust, Inc. C = US	CN = Entrust P384 EV TLS Root CA - 2022 O = Entrust, Inc. C = US	2ecf71fbc3f43015ca8bea5edd3dc763	EC 384-bits	ECDSA SHA-384	12/14/2022 14:20	12/29/2040 19:59:		Server Authentication (1.3.6.1.5.5.7.3.1) Client Authentication (1.3.6.1.5.5.7.3.2)	2cc1fad3279c77e73038c8c95ca43c02a36775c4	2426C77CFA12EBCDB6B013225496C0E7AAD66D63597AE5EF9A0EB8380C23EC2
30	1		CN = Namirial EV SSL CA 2023 O = Namirial S.p.A C = IT	CN = Entrust Root Certification Authority - G2 OU = (c) 2009 Entrust, Inc. - for authorized use only OU = See www.entrust.net/legal-terms O = Entrust, Inc. C = US	7b0350a7b1d46885af4cc8c740a568b0	RSA 2048-bits	RSA SHA-256	2/9/2023 16:13	12/7/2030 8:59	9/2/2025	Server Authentication (1.3.6.1.5.5.7.3.1) Client Authentication (1.3.6.1.5.5.7.3.2)	eafeeb5847b833d9d2367bc88c677ab1338b8d52	366DD61ECE49EF68A7E0705915ECE7EE78AA3C5D71B9363CD48E0FE0242A634
31	1		CN= AffirmTrust Extended Validation CA - EV 1 OU= See www.affirmtrust.com/repository ON= AffirmTrust C= CA	CN= AffirmTrust Commercial ON= AffirmTrust C= US	4679446353986764952	RSA 2048-bits	RSA SHA-256	11/29/2016 04:00	12/2/2030 04:00	9/2/2025		DBEF65370BE547C835D1901F03C1BC88C7A7EA80	CF88915CF996932C2B4CBE3039076D119BB728B4F31E49B63A502FE65489A12
	2		CN= AffirmTrust Extended Validation CA - EV 1 OU= See www.affirmtrust.com/repository ON= AffirmTrust C= CA	CN= AffirmTrust Commercial ON= AffirmTrust C= US	1729551ed68e7fb1edf57300f35d7fd5	RSA 2048-bits	RSA SHA-256	3/21/2019 20:27	12/2/2030 04:00	9/2/2025		DBEF65370BE547C835D1901F03C1BC88C7A7EA80	ED3C991466CBC45B5FD1DA281028F9587B8219523647E0CA1B47F2C527D2920F
32	1		CN= AffirmTrust Extended Validation CA - EV 2 OU= See www.affirmtrust.com/repository ON= AffirmTrust C= CA	CN= AffirmTrust Premium ON= AffirmTrust C= US	5371c8eb0784fd5108e5d4f3e323ec46	RSA 2048-bits	RSA SHA-256	3/21/2019 20:46	12/2/2030 04:00	9/2/2025		737C9A38683C517C4108FEA11F2A1EB461DBCD3C	9DF77488C4B74AC32E3CEC4C643D001D5C3BABFA4001FFD193DCA10C8BE5CB3A
33	1		CN= AffirmTrust Extended Validation CA - EV 3 OU= See www.affirmtrust.com/repository ON= AffirmTrust C= CA	CN= AffirmTrust Networking ON= AffirmTrust C= US	3424a1ecf8f0a35fe746b7011c43e844	RSA 2048-bits	RSA SHA-256	3/21/2019 20:46	12/2/2030 04:00	9/2/2025		791EB1C917C71EACB1C714D7C3E87F8CB9509B15	B700BA49AF4D19E72FB15A2DAC3C213BA44C319FA7DA92772B3682E12B781093
34	1		CN= AffirmTrust Extended Validation CA - EV EC1 OU= See www.affirmtrust.com/repository ON= AffirmTrust C= CA	CN= AffirmTrust Premium ECC ON= AffirmTrust C= US	0202a584c134064dc9f32d207ea37298	RSA 2048-bits	RSA SHA-256	3/21/2019 20:55	12/2/2030 04:0	9/2/2025		C6908C0283D75DE3BE3B9C2ED5657D2A1060EE5	CDE23A52303C3CA67A48BBCC9582FF5C9203AA98C80F387139308CE2289506A2

Note:
1- Copy of the key was destroyed during Key Destruction Ceremony on September 4, 2025 or September 16, 2025
2- Backup Key was transferred to Sectigo on August 14, 2025

ATTACHMENT B

LIST OF ENTRUST CERTIFICATION PRACTICE STATEMENTS

CPS Name	Version	Date
Entrust Certificate Services Certification Practice Statement	3.29	February 21, 2025
AffirmTrust Certification Practice Statement	3.18	January 15, 2025



ENTRUST MANAGEMENT'S STATEMENT

Entrust Limited ("Entrust") operates the Certification Authority ("CA") services as enumerated in [Attachment A](#), and provides Extended Validation SSL ("EV SSL") CA Services.

The management of Entrust is responsible for establishing and maintaining effective controls over its EV SSL CA operations, including its EV SSL CA business practices disclosure on its [website](#), EV SSL key lifecycle management controls, and EV 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 Entrust's Certification Authority operations. Furthermore, because of changes in conditions, the effectiveness of controls may vary over time.

Entrust management has assessed its disclosures of its certificate practices and controls over its EV SSL CA services. Based on that assessment, in Entrust management's opinion, in providing its EV SSL Certifications Authority (CA) services at Ottawa, Ontario, Canada and Toronto, Ontario, Canada throughout the period March 1, 2025 to September 17, 2025, Entrust has:

- disclosed its extended validation SSL ("EV SSL") certificate lifecycle management business practices in its:
 - Certificate Policy/Certification Practice Statements ("CP/CPS") as enumerated in [Attachment B](#) including its commitment to provide EV SSL certificates in conformity with the CA/Browser Forum Guidelines on the Entrust website, and provided such services in accordance with its disclosed practices
- maintained effective controls to provide reasonable assurance that:
 - the integrity of keys and EV SSL certificates it manages is established and protected throughout their lifecycles; and
 - EV SSL subscriber information is properly authenticated (for the registration activities performed by Entrust)

in accordance with the [WebTrust Principles and Criteria for Certification Authorities – Extended Validation SSL v1.8](#).

Signed by:

Jim Trovato

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Jim Trovato
Director, Product Compliance
November 19, 2025



ATTACHMENT A

LIST OF IN SCOPE CAs

Root CAs
<ol style="list-style-type: none">1. Entrust.net Certification Authority (2048)2. Entrust Root Certification Authority3. Entrust Root Certification Authority - G24. Entrust Root Certification Authority – G45. Entrust Root Certification Authority – EC16. Entrust 4K EV TLS Root CA - 20227. Entrust P384 EV TLS Root CA - 20228. AffirmTrust Commercial9. AffirmTrust Networking10. AffirmTrust Premium11. AffirmTrust Premium ECC12. AffirmTrust 4K TLS Root CA - 2022
DV SSL Issuing CAs
<ol style="list-style-type: none">13. AffirmTrust Certificate Authority – DV114. AffirmTrust 4K TLS Certification Authority - DVTLS1
OV SSL Issuing CAs
<ol style="list-style-type: none">15. Entrust Certification Authority – L1F16. Entrust Certification Authority – L1K17. Entrust 4K TLS Certification Authority - OVTLS118. Entrust P384 TLS Certification Authority - OVTLS219. CrowdStrike TLS CA 202220. Siemens Issuing CA Internet Server 202021. Namirial OV SSL CA 202322. AffirmTrust Certificate Authority – OV1
EV SSL Issuing CAs
<ol style="list-style-type: none">23. Entrust Certification Authority – L1E24. Entrust Certification Authority – L1J25. Entrust Certification Authority – L1M26. Entrust Certification Authority – L1N27. Entrust Certification Authority – ES QWAC228. Entrust 4K TLS Certification Authority - EVTLS129. Entrust P384 TLS Certification Authority - EVTLS230. Namirial EV SSL CA 202331. AffirmTrust Extended Validation CA – EV132. AffirmTrust Extended Validation CA – EV233. AffirmTrust Extended Validation CA – EV334. AffirmTrust Extended Validation CA – EVEC1



ATTACHMENT B

LIST OF ENTRUST CERTIFICATION PRACTICE STATEMENTS

CPS Name	Version	Date
Entrust Certificate Services Certification Practice Statement	3.29	February 21, 2025
AffirmTrust Certification Practice Statement	3.18	January 15, 2025