



REPORT OF THE INDEPENDENT ACCOUNTANT

To the management of Viking Cloud, Inc. (“VikingCloud”):

Scope

We have examined VikingCloud, a subsidiary of Sysnet North America, Inc., management’s [assertion](#) that for its Certification Authority (“CA”) operations in Chicago, Illinois and Dallas, Texas, in the United States of America, for its CAs enumerated in [Attachment B](#), VikingCloud has:

- disclosed its code signing (“CS”) certificate lifecycle management business practices in the applicable versions of its VikingCloud Certificate Policy and Certification Practices Statement (“CP/CPS”) enumerated in [Attachment A](#), including its commitment to provide CS certificates in conformity with the applicable Baseline Requirements for the Issuance and Management of Publicly-Trusted Code Signing Certificates, on its [repository](#) and provided such services in accordance with its disclosed practices
- maintained effective controls to provide reasonable assurance that:
 - CS subscriber information is properly collected, authenticated, and verified; and
 - the integrity of keys and CS certificates it manages is established and protected throughout their lifecycles.
- maintained effective controls to provide reasonable assurance that its CS Timestamp Authority is operated in conformity with the CA/Browser Forum Code Signing Certificate Working Group’s 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 that are incorporated by reference.

for the period October 1, 2022 to September 30, 2023, based on the [WebTrust Principles and Criteria for Certification Authorities - Code Signing Baseline Requirements v2.7](#).

VikingCloud does not provide CS Signing Authority services. Accordingly, our examination did not extend to the controls that would address those criteria.

Certification Authority’s Responsibilities

VikingCloud’s management is responsible for its assertion, including the fairness of its presentation, and the provision of its described services, based on, [WebTrust Principles and Criteria for Certification Authorities - Code Signing Baseline Requirements - Version 2.7](#).



Independent Accountant's Responsibilities

Our responsibility is to express an opinion about management's assertion based on our examination. Our examination was conducted in accordance with attestation standards established by the American Institute of Certified Public Accountants. Those standards require that we plan and perform the examination to obtain reasonable assurance about whether management's assertion is fairly stated, in all material respects. An examination involves performing procedures to obtain evidence about management's assertion. The nature, timing, and extent of the procedures selected depend on our judgment, including an assessment of the risks of material misstatement of management's assertion, whether due to fraud or error. We believe that the evidence we obtained is sufficient and appropriate to provide a reasonable basis for our opinion.

We are required to be independent and to meet our other ethical responsibilities in accordance with relevant ethical requirements relating to the engagement.

The relative effectiveness and significance of specific controls at VikingCloud 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. Our examination did not extend to controls at individual subscriber and relying party locations and we have not evaluated the effectiveness of such controls.

Inherent Limitations

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

Independent Accountant's Opinion

In our opinion management's assertion, as referred to above, is fairly stated, in all material respects.

This report does not include any representation as to the quality of VikingCloud's services other than its CA operations at Chicago, Illinois and Dallas, Texas, in the United States of America, nor the suitability of any of VikingCloud's services for any customer's intended purpose.



Use of WebTrust Seal

VikingCloud's use of the WebTrust for Certification Authorities - Code Signing 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.

BDO USA

December 21, 2023



ATTACHMENT A - CERTIFICATION PRACTICE STATEMENT AND CERTIFICATE POLICY VERSIONS IN-SCOPE

Policy Name	Policy Version	Policy Date
VikingCloud Certificate Policy and Certification Practices Statement	Version 7.5	August 31, 2023
VikingCloud Certificate Policy and Certification Practices Statement	Version 7.4	May 24, 2023
VikingCloud Certificate Policy and Certification Practices Statement	Version 7.3	February 15, 2023
VikingCloud Certificate Policy and Certification Practices Statement	Version 7.2	September 28, 2022



ATTACHMENT B - IN-SCOPE CAs

Root CAs			
Subject DN	SHA2 Thumbprint	Valid From	Valid To
CN = XRamp Global Certification Authority O = XRamp Security Services Inc OU = www.xrampsecurity.com C = US	CECDDC905099D8DADFC5B1D209B737CBE2C18CFB2C10C0FF0BCF0D3286FC1AA2	11/1/2004	1/1/2035
CN = SecureTrust CA O = SecureTrust Corporation C = US	F1C1B50AE5A20DD8030EC9F6BC24823DD367B5255759B4E71B61FCE9F7375D73	11/7/2006	12/31/2029
CN = Secure Global CA O = SecureTrust Corporation C = US	4200F5043AC8590EBB527D209ED1503029FBCBD41CA1B506EC27F15ADE7DAC69	11/7/2006	12/31/2029
CN = Trustwave Global Certification Authority O = Trustwave Holdings, Inc. L = Chicago S = Illinois C = US	97552015F5DDFC3C8788C006944555408894450084F100867086BC1A2BB58DC8	8/23/2017	8/23/2042
CN = Trustwave Global ECC P256 Certification Authority O = Trustwave Holdings, Inc. L = Chicago S = Illinois C = US	945BBC825EA554F489D1FD51A73DDF2EA624AC7019A05205225C22A78CCFA8B4	8/23/2017	8/23/2042
CN = Trustwave Global ECC P384 Certification Authority O = Trustwave Holdings, Inc. L = Chicago S = Illinois C = US	55903859C8C0C3EBB8759ECE4E2557225FF5758BBD38EBD48276601E1BD58097	8/23/2017	8/23/2042



Code Signing CAs			
Subject DN	SHA2 Thumbprint	Valid From	Valid To
E = ca@trustwave.com CN = Trustwave Code Signing SHA256 CA, Level 1 O = Trustwave Holdings, Inc. L = Chicago S = Illinois C = US	F420949BB55A462D9B927449E49DA23F683AB4B6166E05815808F5D9FD36646B	10/1/2014	9/28/2024
E = ca@trustwave.com CN = Trustwave Code Signing SHA256 CA, Level 1 O = Trustwave Holdings, Inc. L = Chicago S = Illinois C = US	53A8129F71A9827D03704670720C375061821155C076E86A490D6EB871E03AF0	9/1/2016	9/29/2024
C = US S = Illinois L = Chicago O = Trustwave Holdings, Inc. CN = Trustwave Global Code Signing CA, Level 1	4D10A086866731C0E16174192114C6076C7995DD5493006DD2054EFBD169AE2B	2/6/2018	8/21/2042
C = US S = Illinois L = Chicago O = Trustwave Holdings, Inc. CN = Trustwave Global ECDSA P- 256 Code Signing CA, Level 1	730E02CD3AFD489FDB9D708F674B45FA8CFD73AB926B94855B2C0376F9A528D9	2/6/2018	8/21/2042
C = US S = Illinois L = Chicago O = Trustwave Holdings, Inc. CN = Trustwave Global ECDSA P- 384 Code Signing CA, Level 1	7F2A890E8D9AFDB9C0F08AF1CB8DDA18C5802C5BEA50E0B18071D3CF973A46BD	2/6/2018	8/21/2042
C = US S = Illinois L = Chicago O = SecureTrust CN = SecureTrust Code Signing CA, Level 1	5E4FF34628DABED6859BACF2E128A807A08F49B0C259D9BE2E33FEE066AC7AF7	1/29/2019	1/29/2029
CN = Viking Cloud TWG Code Signing CA, Level 1 O = Viking Cloud, Inc. C = US	E7EADE07201F519CC43A51D3F33D4EC3112D5A72D83EFB4104CBC1B306DAB762	8/10/2022	8/10/2032



Timestamping CAs			
Subject DN	SHA2 Thumbprint	Valid From	Valid To
CN = Trustwave Timestamping CA, Level 1 O = Trustwave Holdings, Inc. L = Chicago S = Illinois C = US	EF5AE8BBF214337779B8A30730962638BB3AFE100C615A49730F709A2518861B	1/25/2017	12/25/2034
C = US S = Illinois L = Chicago O = Trustwave Holdings, Inc. CN = Trustwave Global Timestamping CA, Level 1	643B81C90B3505BFAFF80EAC9EE28C9F406362A8F56DD26ECFA29335958C856	2/6/2018	8/21/2042
C = US S = Illinois L = Chicago O = Trustwave Holdings, Inc. CN = Trustwave Global ECDSA P-256 Timestamping CA, Level 1	7FC29B856B23EEFC3A5E68775E0B37DC320627FD5C19368BB68397EE219A667A	2/6/2018	8/21/2042
C = US S = Illinois L = Chicago O = Trustwave Holdings, Inc. CN = Trustwave Global ECDSA P-384 Timestamping CA, Level 1	F75E65420AD6C018D915BBBA40A77122B30ACFD417DA3A885E4C4CD9E065A415	2/6/2018	8/21/2042
C = US S = Illinois L = Chicago O = SecureTrust CN = SecureTrust Timestamping CA, Level 1	090DF1220A60E8E865F8607B9A24BC3BE00D933D438FB686A3173DEFC5BFBB40	1/29/2019	12/31/2034
CN = Viking Cloud TWG Timestamping CA, Level 1 O = Viking Cloud, Inc. C = US	FA623A8BA0D6C69590593A62A67484EACCD1D3A7B19DCA78139DC3E30AC0B68A	8/10/2022	8/10/2037



Viking Cloud, Inc. (“VikingCloud”) operates the Certification Authority (“CA”) services for its CAs enumerated in [Attachment B](#), and provides code signing (“CS”) CA services.

The management of VikingCloud is responsible for establishing and maintaining effective controls over its CS CA operations, including its CS CA business practices disclosed on its [repository](#), CS key lifecycle management controls, CS certificate lifecycle management controls, and CS Timestamp Authority 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 VikingCloud’s CA operations. Furthermore, because of changes in conditions, the effectiveness of controls may vary over time.

VikingCloud management has assessed its disclosures of its certificate practices and controls over its CS CA services. Based on that assessment, in Viking Cloud management’s opinion, in providing its CS CA services in Chicago, Illinois and Dallas, Texas, in the United States of America, VikingCloud has:

- disclosed its CS certificate lifecycle management business practices in the applicable versions of its VikingCloud Certificate Policy and Certification Practices Statement (“CP/CPS”) enumerated in [Attachment A](#), including its commitment to provide CS certificates in conformity with the applicable Baseline Requirements for the Issuance and Management of Publicly-Trusted Code Signing Certificates, on its [repository](#) and provided such services in accordance with its disclosed practices
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throughout the period October 1, 2022 to September 30, 2023, based on the [WebTrust Principles and Criteria for Certification Authorities - Code Signing Baseline Requirements v2.7](#).

VikingCloud does not provide CS Signing Authority services. Accordingly, our assertion did not extend to the controls that would address those criteria.

VikingCloud has disclosed the following matters to the Microsoft Trusted Root Program. These matters were included below due to being open during the period October 1, 2022 through the date of this report.



Bug ID	Summary	Opened	Closed	Resolution
1776764	SecureTrust: 2 certificates with non-DER encoded keyUsage extension	6/27/22	4/13/23	Fixed
1720723	SecureTrust: Invalid localityName	7/14/21	10/5/22	Fixed

DocuSigned by:

A handwritten signature in black ink, appearing to read "Mark Brady", enclosed within a blue DocuSign signature box.

878AB99307394F5

12/21/2023

Mark Brady
President and Chief Operating Officer, Viking Cloud, Inc



**ATTACHMENT A - CERTIFICATION PRACTICE STATEMENT AND CERTIFICATE POLICY
VERSIONS IN-SCOPE**

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CN = SecureTrust CA O = SecureTrust Corporation C = US	F1C1B50AE5A20DD8030EC9F6BC24823DD367B5255759B4E71B61FCE9F7375D73	11/7/2006	12/31/2029
CN = Secure Global CA O = SecureTrust Corporation C = US	4200F5043AC8590EBB527D209ED1503029FBCBD41CA1B506EC27F15ADE7DAC69	11/7/2006	12/31/2029
CN = Trustwave Global Certification Authority O = Trustwave Holdings, Inc. L = Chicago S = Illinois C = US	97552015F5DDFC3C8788C006944555408894450084F100867086BC1A2BB58DC8	8/23/2017	8/23/2042
CN = Trustwave Global ECC P256 Certification Authority O = Trustwave Holdings, Inc. L = Chicago S = Illinois C = US	945BBC825EA554F489D1FD51A73DDF2EA624AC7019A05205225C22A78CCFA8B4	8/23/2017	8/23/2042
CN = Trustwave Global ECC P384 Certification Authority O = Trustwave Holdings, Inc. L = Chicago S = Illinois C = US	55903859C8C0C3EBB8759ECE4E2557225FF5758BBD38EBD48276601E1BD58097	8/23/2017	8/23/2042



Code Signing CAs			
Subject DN	SHA2 Thumbprint	Valid From	Valid To
E = ca@trustwave.com CN = Trustwave Code Signing SHA256 CA, Level 1 O = Trustwave Holdings, Inc. L = Chicago S = Illinois C = US	F420949BB55A462D9B927449E49DA23F683AB4B6166E05815808F5D9FD36646B	10/1/2014	9/28/2024
E = ca@trustwave.com CN = Trustwave Code Signing SHA256 CA, Level 1 O = Trustwave Holdings, Inc. L = Chicago S = Illinois C = US	53A8129F71A9827D03704670720C375061821155C076E86A490D6EB871E03AF0	9/1/2016	9/29/2024
C = US S = Illinois L = Chicago O = Trustwave Holdings, Inc. CN = Trustwave Global Code Signing CA, Level 1	4D10A086866731C0E16174192114C6076C7995DD5493006DD2054EFBD169AE2B	2/6/2018	8/21/2042
C = US S = Illinois L = Chicago O = Trustwave Holdings, Inc. CN = Trustwave Global ECDSA P- 256 Code Signing CA, Level 1	730E02CD3AFD489FDB9D708F674B45FA8CFD73AB926B94855B2C0376F9A528D9	2/6/2018	8/21/2042
C = US S = Illinois L = Chicago O = Trustwave Holdings, Inc. CN = Trustwave Global ECDSA P- 384 Code Signing CA, Level 1	7F2A890E8D9AFDB9C0F08AF1CB8DDA18C5802C5BEA50E0B18071D3CF973A46BD	2/6/2018	8/21/2042
C = US S = Illinois L = Chicago O = SecureTrust CN = SecureTrust Code Signing CA, Level 1	5E4FF34628DABED6859BACF2E128A807A08F49B0C259D9BE2E33FEE066AC7AF7	1/29/2019	1/29/2029



CN = Viking Cloud TWG Code Signing CA, Level 1 O = Viking Cloud, Inc. C = US	E7EADE07201F519CC43A51D3F33D4EC3112D5A72D83EFB4104CBC1B306DAB762	8/10/2022	8/10/2032
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Timestamping CAs			
Subject DN	SHA2 Thumbprint	Valid From	Valid To
CN = Trustwave Timestamping CA, Level 1 O = Trustwave Holdings, Inc. L = Chicago S = Illinois C = US	EF5AE8BBF214337779B8A30730962638BB3AFE100C615A49730F709A2518861B	1/25/2017	12/25/2034
C = US S = Illinois L = Chicago O = Trustwave Holdings, Inc. CN = Trustwave Global Timestamping CA, Level 1	643B81C90B3505BFAFF80EAAAC9EE28C9F406362A8F56DD26ECFA29335958C856	2/6/2018	8/21/2042
C = US S = Illinois L = Chicago O = Trustwave Holdings, Inc. CN = Trustwave Global ECDSA P-256 Timestamping CA, Level 1	7FC29B856B23EEFC3A5E68775E0B37DC320627FD5C19368BB68397EE219A667A	2/6/2018	8/21/2042
C = US S = Illinois L = Chicago O = Trustwave Holdings, Inc. CN = Trustwave Global ECDSA P-384 Timestamping CA, Level 1	F75E65420AD6C018D915BBBA40A77122B30ACFD417DA3A885E4C4CD9E065A415	2/6/2018	8/21/2042



Timestamping CAs			
Subject DN	SHA2 Thumbprint	Valid From	Valid To
C = US S = Illinois L = Chicago O = SecureTrust CN = SecureTrust Timestamping CA, Level 1	090DF1220A60E8E865F8607B9A24BC3BE00D933D438FB686A3173DEFC5BFBB40	1/29/2019	12/31/2034
CN = Viking Cloud TWG Timestamping CA, Level 1 O = Viking Cloud, Inc. C = US	FA623A8BA0D6C69590593A62A67484EACCD1D3A7B19DCA78139DC3E30AC0B68A	8/10/2022	8/10/2037