



Digital Evidence Verification Certificate

Independent verification of cryptographic integrity, identity assurance, trusted
timestamping, and evidentiary preservation.

VERIFIED

CERTIFICATE NUMBER
SVC-2026-00405714

SUBJECT
CLEARANCE APPLICATION

ISSUED
July 21, 2026 at 21:12:07 UTC



Executive Summary

✓ OVERALL RESULT
VERIFIED

This certificate records the objective verification findings for a preserved SendSecure evidence package. The evidence package—not this summary—is the authoritative evidentiary record.

SENDER Melissa J Welch mwelch58@icloud.com TL0	RECIPIENT Thomas W Welch twelch@sendsecure.com TL1
MESSAGE ID 59ae6511-fc33-4d98-897b-5510a7ae6bce	EVIDENCE ARTIFACTS 2
LIFECYCLE STATUS Delivered and Read The protected communication reached the intended recipient and a first-read event was preserved.	
PACKAGE HASH 7b989cbf98c30fa3594979323a9a49ffb943aa114d7a56a47c23e2ed419a5a7d	
MANIFEST HASH 0f7a42335188865cef9baa538775998aa8efc1afef681507619a0711a31e6e99	

The communication is transient. The evidence endures.

SendSecure preserves the cryptographic objects and verification records required to independently evaluate the communication after its operational lifecycle has ended.

Verification Matrix

Evidence Package Integrity	Verified	The stored package hash matches the recomputed package body.
Original Message Signature	Verified	The sender's original message signature validates against enrolled public certificate material.
Evidence Set Verification	Verified	Message, attachment, ledger, receipt, and timestamp evidence passed the available verification checks.
Independent Container Attestation	Verified	A purpose-specific SendSecure attestation binds the deterministic manifest hash to the assembled evidence container.
Overall Verification	Verified	All mandatory verification domains satisfied the current SendSecure verification policy.

Communication Chain of Custody

2026-07-21 20:44:31 UTC

Secure Message Created

CREATION

Melissa J Welch

The sender created the protected communication and bound it to the preserved message hash.

EVIDENCE TYPE MESSAGE_CREATED

Digital SignatureImmutable Ledger

Fn2WzSFx-11B56jDCeXhU0g6c7P5SAwq3TeUntV-Nbg

2026-07-21 20:44:31 UTC

Protected Attachment Added

CREATION

SendSecure Service

A protected attachment was added to the communication and its evidentiary hash was preserved.

EVIDENCE TYPE ATTACHMENT_UPLOADED

Attachment HashImmutable Ledger

24d7614a179b51cd899bd37657e938949fc56e3c33c05f2b89cbcef9350b9cba

2026-07-21 20:44:31 UTC

Secure Reply Created

CREATION

Melissa J Welch • Sender • TL0

A participant created a protected reply that continued the preserved communication thread.

EVIDENCE TYPE MESSAGE_REPLIED

Digital SignatureImmutable Ledger

4031643fef9b1745c63d41858f5a309941ee5faf7c2b26e0666caa61e57e75b0

2026-07-21 20:44:47 UTC

Secure Message Delivered

TRANSMISSION

Thomas W Welch • Recipient • TL1

Delivery evidence confirms that the protected communication reached the intended recipient's secure mailbox.

EVIDENCE TYPE MESSAGE_DELIVERED

Delivery ReceiptImmutable Ledger

Fn2WzSFx-11B56jDCeXhU0g6c7P5SAwq3TeUntV-Nbg

2026-07-21 20:45:09 UTC

Secure Message Read

RECIPIENT ACTIVITY

Thomas W Welch • Recipient • TL1

A first-read event was recorded when the recipient opened the protected communication.

EVIDENCE TYPE MESSAGE_READ

Read ReceiptImmutable Ledger

Independent Trust Domains

Trust within SendSecure is intentionally distributed across independent verification domains. No single control is treated as sufficient proof of authenticity, integrity, time, and preservation.

01

Identity Assurance

Records the verification actions and trust-level milestones associated with participating identities.

02

Public-Key Cryptography

Validates the sender's signature using enrolled public certificate material while private keys remain under user-controlled custody.

03

Trusted Timestamping

Associates preserved evidence hashes with independently verifiable time assertions.

04

Immutable Evidence Ledger

Anchors evidence events into a hash-linked sequence designed to expose alteration or deletion.

05

Container Attestation

Binds the deterministic evidence manifest to a purpose-specific SendSecure attestation certificate.

06

Evidence Package

Preserves the manifest, cryptographic objects, receipts, proofs, and verification metadata as a portable record.

Identity Assurance

TL0

ASSURANCE LEVEL

TL0

Verified

Trust Level TL0 was established from Phone Number Verified and Email Address Verified in accordance with the SendSecure Identity Assurance Policy.

Identity assurance information was preserved in the finalized evidence package used to generate this certificate.

DATE	EVIDENCE EVENT	PROVIDER	STATUS
2026-07-21	Phone Number Verified	SEMP Phone Verification	Verified
2026-07-21	Email Address Verified	SEMP Email Verification	Verified
2026-07-21	Identity Elevated to TL0	SEMP Identity Assurance Policy Engine	Elevated

RFC 3161 Trusted Timestamp

✓ TRUSTED TIMESTAMP EVIDENCE
IMPRINT VERIFIED

RFC 3161 timestamps bind preserved evidence hashes to independently issued time assertions. Each listed record corresponds to a timestamp object preserved inside the finalized evidence package.

TIMESTAMP RECORDS 4	IMPRINT-VERIFIED RECORDS 4
PRIMARY TSA DigiCert RFC3161 TSA	PROTOCOL RFC 3161 / SHA-256

The RFC 3161 timestamp records shown here were read from the finalized evidence package. The preserved DER timestamp response remains the authoritative cryptographic object for independent revalidation.

Timestamp Record 1		IMPRINT VERIFIED
TSA DigiCert RFC3161 TSA	TIMESTAMP July 21, 2026 20:44:32 UTC	
SUBJECT TYPE LEDGER_EVIDENCE_HASH	STATUS IMPRINT_VERIFIED	
POLICY OID 2.16.840.1.114412.7.1	TOKEN SERIAL NUMBER 295570521160899037658067810906245072748	
HASH ALGORITHM SHA-256	IMPRINT MATCH Verified	
PRESERVED TOKEN SIZE 5.9 KB	SUBJECT ID 79b2ac5f-db70-479c-94bb-fb6c042e4cf3	
EXPECTED SUBJECT HASH Fn2WzSFx-11B56jDCeXhU0g6c7P5SAwq3TeUntV-Nbg		
RFC 3161 MESSAGE IMPRINT Fn2WzSFx-11B56jDCeXhU0g6c7P5SAwq3TeUntV-Nbg		

Timestamp Record 2		IMPRINT VERIFIED
TSA DigiCert RFC3161 TSA	TIMESTAMP July 21, 2026 20:44:32 UTC	
SUBJECT TYPE ATTACHMENT_UPLOADED	STATUS IMPRINT_VERIFIED	
POLICY OID 2.16.840.1.114412.7.1	TOKEN SERIAL NUMBER 278694324575634349958007917380508761603	

Digital Signature & Certificate



ORIGINAL MESSAGE SIGNATURE
VERIFIED

ALGORITHM rsa_pkcs1_sha256	KEY IDENTIFIER te-4ae3c4ff-6365-4405-b468-13d858cdc190
CERTIFICATE SUBJECT CN=Thomas Welch SendSecure Signing Test	CERTIFICATE ISSUER CN=Thomas Welch SendSecure Signing Test
SERIAL NUMBER 5a:c0:01:cb:8c:a6:bf:90:45:74:1c:c6:4e:07:23:ef	SIGNATURE PRESENT Yes
CERTIFICATE FINGERPRINT 86E2E8E0FD4144D96C48772304A7E8232AE4520E4A020697193FD6A303CA56D9	
SIGNED MESSAGE HASH Fn2WzSFx-11B56jDCeXhU0g6c7P5SAwq3TeUntV-Nbg	

The signature is evaluated against the sender's enrolled public certificate. SendSecure does not require or retrieve the user's private signing key to perform this verification.

PRIVATE KEY CUSTODY

Maintained exclusively by the sender

The private signing key was never transmitted to or stored by SendSecure. Signature operations were performed through the sender's enrolled cryptographic provider.

Independent Attestation & Evidence Inventory

Container Attestation

PRESENT

Yes

VERIFIED

Yes

PROVIDER

SendSecure Development RSA Attestation Provider

SIGNATURE ALGORITHM

rsa_pkcs1_sha256

ATTESTED MANIFEST HASH

0f7a42335188865cef9baa538775998aa8efc1afef681507619a0711a31e6e99

ATTESTATION CERTIFICATE FINGERPRINT

8E74361520788936E310787C1B81A0F910135981E17EB0DA2708D97580A8ED7B

Evidence Inventory

ARTIFACT	CLASS	ROLE	SIZE
evidence/original-evidence.json	original_evidence	preserves_message_and_supporting_records	770 KB
verification/evidence-verification.json	derived_evidence	records_package_verification_results	643 B

Technical Appendix

CERTIFICATE VERSION 1.0-draft	PACKAGE FORMAT SendSecure EvidencePackageExport
MANIFEST VERSION 2.0	HASH ALGORITHM SHA-256
GENERATOR SEMP SaaS API	EXPORT VERSION 1.0
PACKAGE HASH 7b989cbf98c30fa3594979323a9a49ffb943aa114d7a56a47c23e2ed419a5a7d	
MANIFEST HASH 0f7a42335188865cef9baa538775998aa8efc1afef681507619a0711a31e6e99	

Manifest Artifact Hashes

evidence/original-evidence.json
T9QEDoEVYP-wVExmfGhRhRJFt9sCaTBjNLQW-oc9Z0s

verification/evidence-verification.json
bBQMFFKHu-my-cX1-S6t7h1FuhTN06kqr5VtJPcmvXo

Verification Synopsis

VERIFIED

The preserved communication identified by message **59ae6511-fc33-4d98-897b-5510a7ae6bce** was evaluated against the evidence package and verification policy represented in this certificate.

The package records cryptographic integrity evidence, the sender's original digital signature, immutable ledger anchors, timestamp evidence, delivery and read records where available, and a deterministic manifest of the preserved artifacts.

Cryptographically Verified Signatures, hashes, and certificates	Independently Attested Trusted timestamps and container attestation	Evidentially Preserved Immutable ledger and portable evidence package
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The communication is transient.
The evidence endures.

Issued by SendSecure™
SVC-2026-00405714
2026-07-21 21:12:07 UTC