

Cover sheet — record identification

SAMPLE DOCUMENT — ENTIRELY SYNTHETIC

Illustrates the export format only. Property, program, parties, timestamps, and hashes are fictional.

PROPERTY	123 Sample St, Exampleton, IL 62999
PARCEL (PIN)	99-00-000-000
PROGRAM	City of Exampleton — LSLR Phase 1 (SRF-funded)
WATER SYSTEM	IL0000000 (fictional)
RECORD SPECIFICATION	ES-R v1.0 (EntryStandard LLC, 2026)
GENERATED	2027-03-30 14:12 UTC
EVENTS IN RECORD	11
ACCESS STATUS	consented (derived from ledger)

Chain verification

VERIFICATION RUN	2027-03-30 14:12 UTC — recomputed full per-property chain
RESULT	0 discrepancies across 11 events
CHAIN TIP	sha256:2c7143979ca0fa0f8e461197c4b8f7d1f78fb3a2e062930099257b9d31743c89

Each event in this record carries a SHA-256 hash computed over its content and the hash of the property's previous event. The verification above recomputes every link in that chain; a result of zero discrepancies means no stored event has been altered or inserted since it was recorded.

Chronological event record

All times UTC. Attempt and method counts on page 3 are derived from these rows, never stored in their place.

#	OCCURRED (UTC)	EVENT TYPE	CHANNEL	ACTOR	DETAIL / EVENT HASH (PREFIX)
1	2026-11-02 15:04	outreach_mail_sent	mail	system	ROE packet, EN, batch EX-2026-11 sha256:8be9c717b0eb5811b34f222da2eddc67...
2	2026-11-20 19:12	outreach_door_hanger	door_hanger	field	Door hanger with portal QR sha256:1484dc78dbd97549d8e15c18ccff6426...
3	2026-12-09 17:31	outreach_phone_call	phone	staff:jr	No answer; voicemail left sha256:8d0c3a743565fb13c455a21171dcd624...
4	2027-01-13 15:02	outreach_mail_sent	mail	system	Second notice, EN/ES sha256:d53eda4e2b1793492ef6e98138ce8b9a...
5	2027-02-03 16:45	outreach_sms_sent	sms	system	SMS with portal link sha256:409dee90067b6dc36d73303e5f7fd17f...
6	2027-03-10 22:18	portal_link_opened	portal	portal	First open of property link sha256:b8f79f7a791c34a61acca859bladec3c...
7	2027-03-10 22:19	portal_property_viewed	portal	portal	Service line facts viewed sha256:3ae39a7daf44fd7643bde2c8d6bfe9e2...
8	2027-03-14 20:02	portal_link_opened	portal	portal	Return visit sha256:6c19bb83aa0090aac346ddb87fa8518d...
9	2027-03-14 20:05	esign_disclosure_accepted	portal	portal	Disclosure esign-2027.1 accepted sha256:bb6ad9f8787c63c56bcee38a5228fac7...
10	2027-03-14 20:11	consent_signed	portal	portal	ROE executed; instrument fingerprinted sha256:edbccc17fb88a5eb3d8ef7a5a1ca891c...
11	2027-03-14 20:11	document_rendered	system	system	Final instrument archived to evidence store sha256:28d38878e6d7f7ae20388bdc3dd86028...

A correction never edits a row: it is a new event, in sequence, with its own hash.

Reasonable-effort rollup & instrument fingerprint

Reasonable-effort rollup (derived)

ATTEMPTS	5 (events 1–5)
DISTINCT METHODS	4 — mail, door hanger, phone, SMS
FEDERAL FLOOR	At least 4 attempts by at least 2 methods (40 CFR §141.84) — met
STATE OVERLAY	Evaluated per program configuration; states may require more
OUTCOME	Responded and consented (events 6–11)

Executed instrument

INSTRUMENT	Right of Entry and Access Agreement
TEMPLATE / VERSION	roe-exampleton-v1 / 2027.1
SIGNER (TYPED NAME)	Alex Sample
CLAIMED ROLE	owner_in_fee — authority attestation recorded
DISCLOSURE	esign-2027.1, accepted 2027-03-14 20:05 UTC (event 9)
SIGNATURE EVENT	consent_signed, 2027-03-14 20:11 UTC (event 10)
CONNECTION FACTS	Server-observed IP and user agent recorded with event 10
ARCHIVED OBJECT	evidence/sample/123-sample-st/roe-final.pdf (7-year retention)

INSTRUMENT SHA-256 FINGERPRINT

38e528bcc1b385276ca2bc407b82f624
d651ca15ca283c2ab0e19d452f73f35e

The fingerprint above is stored inside event 10 in the hash-chained ledger. Recomputing the SHA-256 of the archived instrument and comparing it to this value demonstrates the archived document is byte-identical to the document fingerprinted at the moment of execution.

How this export maps to ES-R v1.0

Event rows (page 2)

ES-R events: consent_event rows — event_type, channel, occurred_at, actor, payload.

Event hash prefixes

ES-R integrity chain: event_hash committing to prev_event_hash, per property.

Chain verification (page 1)

ES-R verification: independent recomputation of every link (verify_consent_chain).

Attempt / method rollup

ES-R derivation rule: counts computed from events, never asserted or stored.

Instrument fingerprint

ES-R instrument: SHA-256 of the rendered, executed document, recorded in the signature event.

Signer role & attestation

ES-R party model: party_role with ownership-authority enforcement at signature.

Access status (cover)

ES-R derived state: reporting rollup whose ground truth remains the event ledger.

The full specification, the regulatory crosswalk to 40 CFR §141.84 / §141.90(e) and 415 ILCS 5/17.12, and the conformance language for procurement are published at entrystandard.org/es-r.