

INDEPENDENT SYNTHETIC PROOF

10,000-person synthetic validation

Deterministic, PHI-free proof of current scanner behavior - bounded to the stateless test harness.

PASS

STATELESS SCANNER ONLY

10,000

synthetic people per run

VALIDATION RESULT

Every expected rule output matched.

Independent ground-truth rule pass across expected code and test-flag outputs; 3 deterministic scenarios completed.

9,100

QUALIFYING PATHWAYS

Includes 100 mid-month tier changes

900

NONQUALIFYING CONTROLS

Four explicit held or excluded states

0

EXTERNAL SYSTEMS TOUCHED

No PHI, DB, network, writes, or Sage

GROUND-TRUTH DISTRIBUTION

Qualifying pathways

G0556	1,700
G0557	5,500
G0558	1,800
Mid-month tier change	100
Subtotal	9,100

Nonqualifying controls

Not Medicare	300
No consent	300
Missing element	200
Duplicate month	100
Subtotal	900

METHODOLOGY

1

Generate

Create deterministic, ID-only synthetic records.

2

Classify

Run operating, consent-gap, and dual-heavy locally.

3

Reconcile

Compare every output with independent expected rules.

4

Receipt

Record source hashes, base commit, and boundaries.

WHAT THIS DOES NOT PROVE

- Database or RLS behavior, browser/API concurrency, or production throughput.
- Clinical appropriateness, eligibility, billability, CMS compliance, or an audit outcome.
- Reimbursement, revenue, payment, covered-PHI readiness, or customer acceptance.
- No PHI, database, network, persistent writes, CRM records, or Sage import were used or created.