



SilentConsensus

Asset Partition

Privacy-Preserving Estate Division

Blind Selections, Instant Partition Results, Final Resolution in Attorney-Controlled Case Files

Pre-Build Validation Deck — April 2026

The Problem with Traditional Estate Division



Traditional Approach

- Attorney asks each sibling: "What do you want?"
- Everyone hears everyone's answers
- Siblings change picks based on spite or strategy
- Arguments erupt when two want the same item
- Attorney becomes involuntary mediator of emotions
- Process drags on for months



What SilentConsensus Changes

- Each sibling selects privately — no one else sees
 - Other participants do not know who picked what; attorney sees only the aggregate partition map until private verification
- Selections are cryptographically transformed
 - Platform is designed not to store who picked what
- Only aggregate outcomes revealed afterwards
- Attorney receives a clean partition map, not drama
 - Selection-submission data is deleted or retained only in non-attributed form per attorney-set retention policy; final assignment records are maintained by counsel

The Scenario

The Smith family needs to divide their parents' estate among three adult children.



Sarah
Eldest



Michael
Middle



David
Youngest




Ms. Rivera
Estate Attorney


The Estate — 10 Items, \$1.1M Total

 Family Home
\$450K

 Lake Cabin
\$180K

 Investment Portfolio
\$200K

 Savings Account
\$120K

 Jewelry Collection
\$40K

 Sedan
\$35K

 Art Collection
\$30K

 Boat
\$25K

 Antique Furniture
\$15K

 Grand Piano
\$12K

Step 1 — Binding Agreement & Session Setup



Pre-Session Binding Agreement

Before selections begin, all participants sign:

- Under the pre-session agreement, uncontested items (single claimant) may be treated as final assignments
- Unclaimed items (zero claimants) will be liquidated and proceeds split equally
- Contested items (multiple claimants) proceed to mediation
- Selections are locked once submitted and verified through the cryptographic receipt workflow
- Each participant verifies selections via commitment receipt



What if someone selects everything?

They get stuck with it. Claim the Boat and nobody else does — it may be treated as yours under the pre-session agreement, including taxes and storage costs. Overclaiming is self-punishing.



What if someone refuses to participate?

The session expires. Selection-submission data is deleted or retained only in non-attributed form under the configured retention policy — including submissions from those who did participate. No partial results. Attorney proceeds through their standard process.

Attorney Creates Session

Session Name:

Smith Estate Division

Item Count:

10 items entered

Participants:

3

Effective Date:

April 15, 2026

Days Active:

10 days

[Create & Send Links](#)

Step 2 — Each Sibling Selects Privately

During the partition-computation phase, other participants do not see individual selections, and the attorney receives only the aggregate partition map until private receipt verification.

Sarah's Screen

Select items you want:

- Family Home
- Lake Cabin
- Sedan
- Boat
- Savings
- Investment
- Jewelry
- Art
- Furniture
- Piano

Submit

Michael's Screen

Select items you want:

- Family Home
- Lake Cabin
- Sedan
- Boat
- Savings
- Investment
- Jewelry
- Art
- Furniture
- Piano

Submit

David's Screen

Select items you want:


- Family Home
- Lake Cabin
- Sedan
- Boat
- Savings
- Investment
- Jewelry
- Art
- Furniture
- Piano

Submit

Step 3 — Each Person Gets a Receipt

After submitting, each participant receives a cryptographic receipt on their phone. They save it as a PDF.

✓ Submission Complete — Items Locked In



[QR CODE]

Session: Smith Estate Division
Date: 2026-04-15 14:32:07 CDT
Hash: a7f3c9d2e1b4...8k2m

YOUR SELECTED ITEMS (4):

- Family Home
- Jewelry Collection
- Savings Account
- Grand Piano

[Download PDF](#) [Save Receipt](#)

What Is This Receipt?

- A tamper-evident record of what you submitted
- Generated on participant's device; platform stores only non-attributed verification data
- Contains a QR code attorney scans to verify your claims
- If you claimed an uncontested item, this receipt supports verification under the pre-session agreement
- If anyone tries to fake a receipt, verification will fail instantly
- Keep it safe! Download/save the PDF. Share it with your attorney only after session completion or when requested

IMPORTANT: This receipt is your local proof of what you submitted. The platform does not store a participant-attributed copy. If you lose it, no one can recover your selections. Download/save the PDF immediately.

Can I come back later? Yes — selections are saved on your device. You can close the browser, come back anytime before the deadline, and pick up where you left off. Nothing is sent until you hit Submit.

What the Server Actually Sees



Server Database

group_id: 'session_x7k2'

hash: 'c7a2f9...3b1e'

hash: '91d4b8...7c0f'

hash: 'e5f201...a4d2'

hash: '3b8c72...f1e9'

NO identity-bearing participant field in preference-submission records

NO participant-attributed plaintext item names

NO stored participant-to-selection linkage

Privacy Guarantees



Cryptographic Transformation

Selections are cryptographically transformed on participant devices before submission



Non-Attribution Architecture

No identity-bearing fields in preference-submission records — platform is designed not to store participant-to-selection attribution



Fixed-Size Cover Traffic

Fixed-size payloads reduce network/message-size inference; padding is not counted as a claim



Commitment Receipt

Tamper-evident proof stored on participant's device; platform stores only non-attributed verification data

Step 4 — Attorney Receives the Partition Map

All 3 participants submitted. The system computed the partition. Attorney does NOT know who claimed what yet.

SilentConsensus — Smith Estate Division — Session Complete

CONTESTED

2 items — mediation needed

Family Home

Multiple claims

\$450K

Lake Cabin

Multiple claims

\$180K

UNCONTESTED

6 items — single claimant each

Jewelry

\$40K

Sedan

\$35K

Savings

\$120K

Investment

\$200K

Art

\$30K

Piano

\$12K

UNCLAIMED

2 items — no claims filed

Boat

\$25K

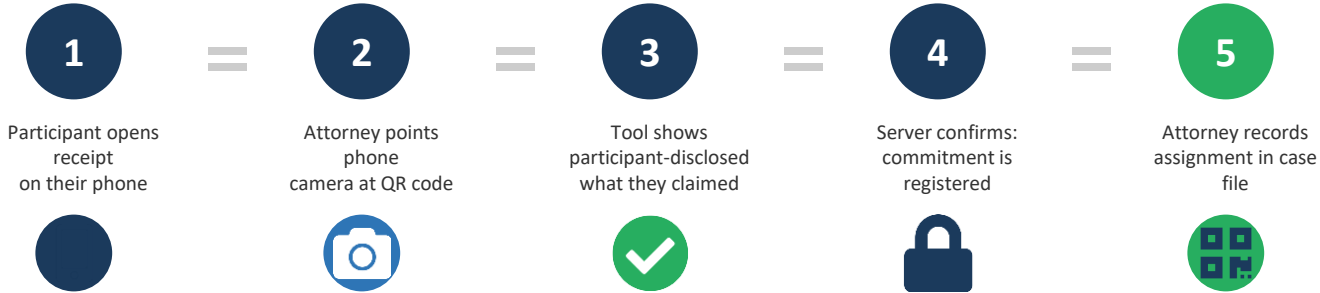
Furniture

\$15K

NEXT: Attorney contacts all participants: "Session complete. Please schedule a private meeting and bring your receipt."

Step 5 — Verification in the Attorney's Office

Attorney meets EACH participant privately (in-person or video call). Takes about 2–3 minutes per person.



Verification Tool — What the Attorney Sees After Scanning Sarah's QR Code

Verified — Receipt matches registered submission from 2026-04-15 14:32:07

Sarah's Verified Claims:

Family Home	CONTESTED
Jewelry Collection	UNCONTESTED ✓
Savings Account	UNCONTESTED ✓
Grand Piano	UNCONTESTED ✓

Attorney's Notes (in their own case file):

- Jewelry Collection → Sarah Smith
- Savings Account → Sarah Smith
- Grand Piano → Sarah Smith
- Family Home → CONTESTED (also claimed by another participant)

Step 6 — Complete Assignment Record

After verifying all three siblings, the attorney's case file contains the complete, verified assignment map for title transfers.

Attorney-Controlled Case File — Smith Estate

Item	Assigned To	Status
Jewelry Collection	Sarah Smith	Assigned
Savings Account	Sarah Smith	Assigned
Grand Piano	Sarah Smith	Assigned
Art Collection	Michael Smith	Assigned
Sedan	David Smith	Assigned
Investment Portfolio	David Smith	Assigned
Family Home	Sarah + Michael	Mediation
Lake Cabin	Michael + David	Mediation
Boat	—	Liquidate
Antique Furniture	—	Liquidate

Final assignment records are maintained by the attorney. SilentConsensus is designed not to store participant-attributed selection records.

What Happens Next

- 6 uncontested items: attorney processes title transfers immediately
- 2 contested items: attorney mediates only these two
- 2 unclaimed items: liquidated per binding agreement, proceeds split equally
- Remaining selection-submission data is deleted or retained only in non-attributed form according to the configured retention policy. Non-content audit records may persist.

The Bottom Line

Without SilentConsensus

- 10 items debated openly
- 3–6 meetings over several months
- Every selection visible to all parties
- Emotional arguments at every meeting

With SilentConsensus

- 6 items resolved instantly — zero discussion
- Only 2 items need mediation
- Minimizes the number of meetings to settle an estate
- No one sees anyone else's selections
- Complete verified record for title transfers

After the Process:

- Selection-submission data is deleted or retained only in non-attributed form according to the attorney-set retention policy
- Each participant's receipt remains on their own device as tamper-proof evidence
- Attorney's case file contains the final assignment record for title transfers
- If the system is ever subpoenaed: SilentConsensus is designed not to have participant-to-item selection records to produce

Under the Hood — Technology & Platform



Client-Side Cryptographic Transformation

Selections are transformed on participant devices before submission. The platform is designed not to store participant-attributed plaintext selections.



Non-Attribution Architecture

No user_id or identity-bearing field exists in preference-submission records. The platform is designed not to store participant-to-selection attribution.



QR Code Verification

Compact binary-encoded QR payload. Attorney scans with phone camera — instant verification in 2–3 seconds.



Configurable Non-Attributed Retention

Selection-submission data is deleted or retained only in non-attributed form according to the attorney-set retention policy. Non-content audit logs may persist.



Works on Any Device

iOS Safari 15.4+, Android Chrome 93+, desktop browsers. No app install required — just open a link.



Fixed-Size Cover Traffic

Fixed-size payloads reduce network/message-size inference; padding is not counted as a claim.



Tamper-Evident Receipts

Cryptographic commitment hash. Any modification to selections invalidates the receipt instantly.



Immutable Audit Log

System events logged (session created, completed, data destroyed). Contains no participant-attributed selection data. Non-content audit log may persist after session data is deleted or retained only in non-attributed form — proves the process occurred without retaining participant-attributed selections.



Patent Pending (U.S. Provisional Application Filed)

Provisional patent application filed with USPTO in March 2026; claims are subject to amendment during nonprovisional prosecution.



Cloud Hosting (Configuration Dependent)

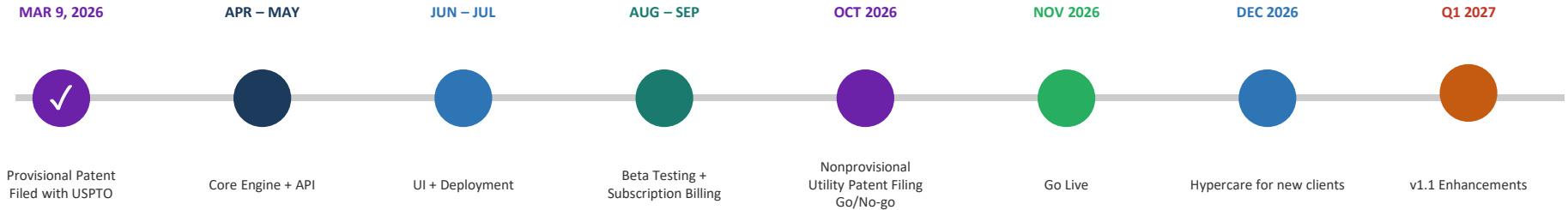
Hosted on reputable cloud infrastructure with enterprise-grade controls. Specific compliance certifications depend on final deployment configuration.



Current System Limits

Up to 500 items and 20 participants per session. All participants must submit before partition computes. Modern browser required (no app install). Lost receipts cannot be recovered — the platform does not store participant-attributed copies. SilentConsensus is a technology tool, not a legal service.

Development Roadmap



Key Deliverables by Phase

Core Engine + UI (Apr–Jul)

- Cryptographic Transformation Interface
- Partition logic (3-way classification)
- Commitment receipt + QR generation
- PostgreSQL database + audit log
- React participant UI + Admin portal
- Docker deployment + SSL/TLS

Beta + Go Live (Aug–Nov)

- End-to-end testing with real sessions
- First 2–3 pilot attorney customers
- Subscription + per-session billing
- Marketing site at silentconsensus.com
- Production hardening
- Nonprovisional patent filing (Oct)

v1.1 Enhancements (Q1 2027)

- Email alerts (e.g., “deadline approaching”)
- Magic link login for attorneys (sign in by clicking a secure link sent to your email — no password to remember)
- Court-ready PDF report generation



Solution is still in the “pre-build” phase
I am looking for attorneys to validate
workflow and pricing

Receive 1 month of free unlimited usage
once released

contact@silentconsensus.com