



FULL ACCOUNT - V92.0.0 - JUNE 19, 2026

Receiz Truth System

A proof-native artifact system for files, identity, ownership, settlement, public witness, market value, games, governance, and verified history.

Receiz is inevitable because it moves product authority from mutable app layers into verifiable primitives. When original bytes, sealed payloads, deterministic identity, ownership, settlement, and append history carry truth, every weaker layer becomes faster, simpler, and safer.

Repo-grounded product truth. No external ontology.

EXECUTIVE ACCOUNT

The Short Version

Receiz is a deterministic verification-and-settlement platform. The core is not a dashboard, feed, wallet, marketplace, game, or authentication product. Those are surfaces. The core is a truth system where original bytes, sealed proof bundles, verified registers, ownership state, settlement math, public witness surfaces, and governance evidence become inspectable product primitives.

4,318

tracked files
The implemented product surface, standards, contracts, scripts, and release law.

1,592,326

tracked source lines
Text source excluding .log files, counted from git-tracked repository files.

182

app routes
420 API route handlers and 10 public conformance pages.

42

release-freeze gates
Full v92 release gate passed locally after sports conformance and profile CSS contract fixes.

● Proof objects

Files and media carry sealed payloads, deterministic identity, verification behavior, and source truth.

● Artifact system

Vault objects keep identity, media, custody, provenance, ownership, market actions, and public legibility.

● Settlement

Reserve, Settlement, certificates, notes, wallet value, and ledger replay are named primitives, not generic balances.

● Public witness

Profile, artifact, live player, market, sports, and proof routes first-paint public proof truth.

● Offline verification

Known verified local truth is a permanent prefix. Network sync asks only for verified additions.

● Governance

Controls, standards, evidence registers, artifact signatures, and release gates map claims to code.

WHY THIS IS INEVITABLE

The Thesis

Most software asks mutable layers to decide reality: route, session, database, API, cache, hydration, component state, then UI. Receiz reverses the chain. It starts with the implemented primitive and strongest source of truth, then lets weaker layers index, append, sync, hydrate, decorate, or project beneath it.

That is why the product gets faster as it gets stricter. A proof surface does not need to rediscover proof it already holds. A public artifact does not need session permission to first-paint public truth. A settlement chart does not surrender its bottom edge to event memory. A vault object does not become an ownership row. A source date in a proof append does not need a new database authority.

Legacy app reflex	Receiz logic	Result
Fetch latest before render	Paint strongest known truth first	Truth appears sooner, not later
Session decides the shell	Public proof decides first paint	Signed-in and signed-out share the proof surface
DB column is authority	Proof payload is authority; DB may index	Missing schema cannot invent a new truth layer
Hydrate then correct	Settle visible shell, append behind it	No second-load feeling
Layout is styling	Layout projects primitive truth	Value, games, and proof inspection remain legible

Receiz becomes inevitable when proof-native truth is cheaper than revalidation. Once truth is carried by the artifact, append, register, identity, settlement, or public proof surface, the system no longer asks weaker infrastructure to negotiate what the user is allowed to see.

TRUTH HIERARCHY

Authority Model

- 01 **Sealed artifact truth**
Original bytes, proof bundles, deterministic payloads, offline registers.
- 02 **Primitive projection**
Identity, ownership, settlement, public witness, vault, market, game proof.
- 03 **Verified appends**
History, provenance, custody, source date, event proofs, ledger additions.
- 04 **Server and DB indexes**
Projection, search, route acceleration, rollups, owner filters.
- 05 **UI and hydration**
Visible continuity, controls, private enrichment, background sync.

Authority flows down. Verified additions append up only when they do not replace stronger truth.

The authority model is the product. A weaker layer may accelerate or enrich the stronger truth, but it cannot replace it. This is the difference between Receiz and a conventional app that happens to include verification buttons.

- Original bytes and sealed proof payloads are stronger than server/session/UI state.
- Verified local register truth is not cache; it is an admitted prefix.
- DB rows may index proof state, but the proof object remains the truth boundary.
- Hydration can warm hidden state, but it cannot remount or redefine a settled visible proof surface.
- Public proof surfaces first-paint public proof truth before private enrichment.

PRODUCT TRUTH

Implemented Primitive Map

Primitive	Receiz implementation	Forbidden downgrade
Proof object	Sealed payloads, deterministic identity, embedded proof, verification behavior, durable projection.	Proof-like card, preview, or generic metadata.
Vault object	Identity, custody, provenance, media, history, owner actions, transfer, inspect, sell, certify, verify.	UI card, content item, or stale owner row.
Ownership surface	Current owner/custody, provenance, transfer, claim, sale, certificate, share, inspect.	Generic account state.
Settlement primitive	Reserve, Settlement, certificates, notes, funded purchase state, ledger replay, value charts.	Balance display or decorative finance UI.
Identity primitive	Receiz ID, PBI, account continuity, recovery, local device/person continuity.	Login method or auth helper.
Public proof surface	Public artifact, profile, live player, market, sports card, event proof, QR and share routes.	Share page or social preview.
Offline verified register	Verified local prefix plus append-only additions, without network re-litigation.	Fallback mode or stale cache.
Proof game	Sports Arena, Pitch Command, Pack Derby, Signal Run with proof-backed state and contracts.	Client-only game animation.

The language matters because the architecture matters. If a surface satisfies a primitive, the document names it directly. Receiz does not need softer language for implemented proof, ownership, settlement, identity, vault, or public witness surfaces.

WHAT USERS CAN DO

Capability Inventory

● Record Moment

Create verifiable records where original bytes and payload truth remain inspectable.

● Seal File

Seal files into proof artifacts with deterministic verification and portable proof material.

● Verify

Verify original files directly; public links are convenience surfaces, not the authority.

● AssetSeal

Origin, custody, append-only history, dashboard projection, and transfer-aware artifact state.

● WireProof

Payment-proof operations surfaces with verification, dashboard, and issuance paths.

● Lease

Owner-direct real estate proof cockpit, listings, renter flows, sealed register history, and global mirror.

● Trust and security

Public posture, deterministic surfaces, proof routes, security contracts, and status controls.

● Governance

Control boundaries, evidence registers, signed governance artifacts, and release gates.

● Developers and standards

Schemas, test vectors, API contracts, Receiz Connect, site kit, and integration routes.

● Economy and ledger

Settlement standard, value-source appendix, transfers, offline notes, sealed money, and replay contract.

● Market

Deterministic market proof object, certificates, share trading, value loop, and public proof first paint.

● Sports and games

Sports Arena, cards, vaults, packs, Pitch Command, Pack Derby, event proofs, and conformance.

● World and live twin

Public twin, outreach, concierge, avatar, live sessions, campaigns, ROI and win room surfaces.

● Communications

Contacts, calendar, chat, calls, payments, email/SMS/app webhooks, and proof-aware flows.

IMPLEMENTED SURFACE

Code Account

The counts below are generated from git-tracked repository files at PDF build time. They are not marketing estimates. They include product code, routes, standards, governance artifacts, contracts, scripts, and release doctrine.

4,318

tracked files
3,843 tracked text files.

2,050,807

tracked text lines
All tracked text lines, including logs and generated text artifacts.

1,592,326

source lines
3,680 source/governance files excluding .log.

72,136

test lines
312 tracked test/contract files.

Area	Files	Lines
Sports and games	226	178,880
Profile and public proof	142	111,886
Market, wallet, economy	143	63,572
World and live twin	189	91,094
Trust, standards, governance	302	39,875
API routes	449	107,723
Tests, contracts, scripts	212	41,493

Route surface: 182 app pages, 420 API route handlers, 10 conformance page surfaces, 8 public standards artifacts, and 8 public governance artifacts.

PROOF CORE

Verification, Offline Truth, And Standards

Receiz Standard v1 centers the proof bundle around original bytes and deterministic payload identity. A verified artifact is reusable without asking the network to prove it again. Sync asks for verified additions after the known prefix; it does not re-litigate admitted truth.

● Original bytes

Verification checks the file bytes. If bytes match, the artifact verifies. If bytes change, it fails.

● Proof bundle

Canonical payloads travel through PNG, PDF, trailer outputs, and Receiz bundle envelopes.

● Schemas

Public JSON schemas and vectors define proof, bundle, document seal, document verify, Groth16, and error contracts.

● Offline register

Verified local truth is a durable prefix. Later truth extends it through append-only evidence.

● ZK and signatures

Document seal, proof links, signer routes, Signature V3/V4, and governance artifact signatures are release-gated.

● Claim-to-code

Public trust claims map to source routes/functions and evidence artifacts.

ECONOMIC CORE

Identity, Ownership, Settlement

Receiz separates identity continuity, custody, ownership, value, and settlement. That separation is why it can carry artifacts and money-like state without collapsing everything into session state or a generic balance.

Layer	What Receiz carries	Why it matters
Identity	Receiz ID, PBI, passkey recovery, identity records, device/person continuity.	Auth mechanics do not define identity truth.
Ownership	Current owner/custody, provenance, chain of custody, transfer and inspect actions.	Possession, ownership, custody, and proof stay distinct.
Settlement	Reserve, Settlement, notes, certificates, funded buys, ledger replay.	Value state is causally traceable, not a display balance.
Market	Deterministic market proof bundle, certificates, public positions, value charts.	Cold market first paint does not wait for DB rediscovery.
Wallet	One account value with lane detail behind execution and proof surfaces.	Users see settled value without losing the lane proof.

WITNESS SURFACES

Public Proof, Profile, And Media

Receiz public surfaces are public proof surfaces when they present proof objects, provenance, ownership/custody state, verification affordances, source material, shareability, or inspectable witness state. They are not mere share pages.

- / is canonical public profile truth; ?manage=1 layers owner permission on top.
- Verified artifact and live-player routes first-paint public proof/media truth for signed-in and signed-out viewers.
- Profile, artifact viewer, and live player use deterministic queues and snapshots without allowing private enrichment to replace public proof.
- Media is projected from deterministic asset identity; playback and viewer state are experience state beneath artifact truth.
- Write paths carry projection obligations: posting, hiding, or unhiding must update public profile and market projections.

The visible shell is product truth. If a settled public proof surface appears to load again, or if signed-in users wait longer than signed-out users for the same proof object, the path is wrong even when a later frame becomes correct.

SPORTS SYSTEM

Sports, Games, And Proof-Native Play

Sports is an artifact, ownership, settlement, market, and game system. The primitives include sports cards, vaults, packs, event proofs, Main Event entries, Pitch Command day proof, Pack Derby runs, public card proof routes, QR trade surfaces, and conformance evidence.

● Sports cards

Deterministic issue, sport/player identity, owner/vault state, event context, market value, and verification.

● Vaults

Transfer-aware ownership filtering, sealed downloads, import/restore, public showcase, and fast-entry snapshots.

● Value panels

Deterministic value chart protected from event memory; events scroll and proof desks stack above when opened.

● Pitch Command

Pitch witness truth, geometry, edge projection, miss attribution, day proof, source inspection, proof-card output.

● Pack Derby

Runs, outs, strikes, swipe swing, proof-backed run receipts, challenges, rewards, and aligned field geometry.

● Event proof media

Exact event media is promoted when available; broad highlights remain related context beneath proof media.

EXPANSION LAYER

World, Commerce, And Operating Surface

World, communications, payments, contacts, calendar, live sessions, campaigns, concierge, and business surfaces extend Receiz without replacing the proof core. They make proof-native identity and ownership operational in real workflows.

Surface	Capability	Receiz boundary
World	Live twin, avatar forge, concierge, campaigns, outreach, ROI and Win Room.	Twin state stays beneath deterministic public proof first paint.
Communications	Contacts, chat, calls, notes, calendar, email/SMS/webhook delivery.	Workflow state appends beneath proof and account truth.
Payments	Public payments, payment embeds, notes, checkout, payout, wallet routes.	Settlement remains a named primitive.
Business	Custom domains, staff workflows, analytics, live verification, payment routing.	Business surfaces stay Receiz-backed and trust-marked.
Developers	Receiz Connect, site kit, standards, API routes, schemas, vectors.	Integrations borrow mechanics, not product authority.

EVIDENCE ENGINE

Governance And Conformance

Receiz does not rely on unsupported trust copy. Public trust claims map to code, standards, conformance checks, governance artifacts, and release gates. The current release-freeze passed locally across build, lint, product inventory, deterministic surfaces, artifact binding, document seal, game, lease, economy, settlement, identity, market, interoperability, issuance, verification, world, sports, signal circuit, profile, performance, and governance gates.

Release gate family	What it proves
release:lock	Version, release notes, checklist, product truth, process, regression lessons, commit history, public labels.
deterministic + page-first-paint	Known truth paints before fake loaders, session checks, DB rediscovery, or hydration replacement.
primitive + repo-only + visual evidence	Product reasoning stays inside Receiz law, implemented primitives, and observed evidence.
game, profile, world, lease contracts	Major product surfaces preserve their primitive contracts.
economy, settlement, identity, market, sports, verification conformance	Public conformance suites pass with source/runtime evidence.
governance checks	Control documents, evidence registers, artifact signatures, and keyring integrity verify.

Live conformance failures seen before deployment were fixed in code by aligning source evidence to the current implementation paths. The local v92 release-freeze now includes sports conformance passing in sequence.

USER VALUE

What Users Should Understand

- Your originals matter

Receiz verifies original bytes. Public links help access proof, but they do not replace the file basis.

- Your artifacts stay themselves

A vault object remains legible through ownership, media, provenance, market, and public proof surfaces.

- Your value has a source

Wallet, certificates, notes, Reserve, Settlement, and ledger replay preserve causality instead of flattening money state.

- Your public proof is immediate

A verified artifact or live player can paint public proof truth without waiting for private session work.

- Your history is not cache

Verified historical truth, once admitted, is a durable prefix. Later additions append beneath it.

- Your proof can travel

Offline verification, schemas, bundles, PDFs, PNGs, and public routes make truth portable across surfaces.

What Investors Should Understand

Receiz is infrastructure disguised as a product surface. The important defensibility is not one route. It is the product law that every route must obey: implemented primitives carry truth, weaker layers cannot outrank them, and every public trust claim must map to code and evidence.

- Category: proof-native artifact system, not a generic SaaS app with verification features.
- Moat: implemented primitives and doctrine that force identity, ownership, settlement, public proof, and offline truth to stay coherent.
- Expansion: standards, developers, economy, market, sports, world, business domains, communications, and governance all extend the same truth spine.
- Velocity: speed improves when Receiz removes false authority from DB/session/API/hydration instead of removing product richness.
- Trust: release gates, conformance suites, schemas, vectors, governance registers, and artifact signatures make claims inspectable.
- Inevitability: as digital artifacts become money-bearing, identity-bearing, media-bearing, and publicly witnessed, generic app state becomes too weak to carry truth.

The strategic claim: software will need a native truth layer for artifacts. Receiz has implemented that layer across files, profiles, markets, wallets, sports, games, identity, settlement, governance, and offline verification.

ENGINEERING ACCOUNT

What Builders Should Understand

Receiz engineering starts from the primitive. That makes work faster because it removes false authority contests. The correct fix is usually smaller once the truth boundary is named.

Start here	Ask	Contract must fail if
Primitive	What proof, identity, ownership, settlement, public witness, vault, market, or game primitive is carried?	The primitive is renamed into a weaker app category.
Strongest truth	What sealed artifact, deterministic payload, verified register, append, or public proof surface already knows this?	DB/session/API/UI state replaces it.
Append path	What can weaker layers add without replacing truth?	Hydration or refresh corrects the visible shell after settlement.
Visual evidence	What would the user see if the primitive were misrepresented?	A screenshot contradicts the claimed pass.

SURFACE ACCOUNT

Route Families And Public Surfaces

Receiz has a broad route surface, but it is not a loose collection of pages. Routes group around proof, identity, ownership, settlement, witness, market, governance, developer, sports, world, and communication primitives.

Family	Representative public surfaces	Primitive carried
Proof core	/record, /seal, /verify, /public-proof, /standards, /trust, /security	Proof object, verification, public trust.
Artifact and custody	/assetseal, /vault, /vault/viewer, /wireproof, /lease, /deposit-proof, /proof-of-delivery	Vault object, custody, provenance, transfer.
Identity and account	/identity, /signin, /login, /account, /profile, /u/[username]	Receiz ID, PBI, continuity, public profile truth.
Economy and market	/economy, /wallet, /market, /exchange, /payments, /value-loop	Settlement, Reserve, certificates, notes, ledger replay.
Sports and games	/game, /sports, /baseball, /pitch, /arena, /ufc, /cup, /game/sports	Sports proof objects, proof games, event proofs, vaults.
World and live	/world, /public-twin, /live, /stream, /receiz-world, /win	Live twin, public witness, outreach, ROI, performance.
Business and developers	/business, /developers, /developers/connect, /developers/site-kit, /governance, /conformance, /status	Integration, controls, evidence, route status.
Operations and communications	/contacts, /calendar, /communications, /payments/embed, /calendar/embed	Workflow state beneath account and proof truth.

The generated route account found 182 app pages and 420 API route handlers in the tracked codebase.

EVIDENCE LEDGER

Source Basis And Release Evidence

Evidence family	Repository basis
Product law	AGENTS.md, docs/literal-product-law.md, docs/receiz-reasoning-kernel.md.
Speed and first paint	docs/experience-first-engineering.md, docs/truthful-speed-invariants.md, docs/deterministic-surfaces.md.
Verified history	docs/verified-history-first-principles.md, docs/offline-verified-register.md.
Standards	public/standards/*.json and docs/receiz-standard-v1.md.
Governance	public/governance/*.json and docs/governance/*.md.
Release truth	docs/releases/v91.0.0-product-truth.md and docs/releases/v92.0.0-product-truth.md.
Regression lessons	docs/releases/v92.0.0-regression-lessons.md.
Full release gate	pnpm test:release-freeze passed locally on the final v92 tree.

Release-freeze gates	Release-freeze gates	Release-freeze gates
release:lock	test:world-trail-package	test:issuance-conformance
lint	test:release-golden-path	test:market-conformance
test:product-surface-inventory	test:contacts-release-contracts	test:verification-conformance
test:kai-klok-freeze	test:game-release-contracts	test:world-conformance
test:v70-invariant-register	test:kiosk-release-contracts	test:sports-conformance
test:deterministic-surfaces	test:lease-release-contracts	test:signal-circuit-conformance
test:page-first-paint	test:signature-v4	test:profile-release-contracts
test:visual-evidence-contract	test:api-security	test:world-release-contracts
test:primitive-binding-contract	test:chaos-failures	test:chat-call-quality
test:repo-only-reasoning-boundary	test:value-loop-guard	test:chat-call-topology-policy
build	test:economy-conformance	perf:budgets
test:artifact-binding	test:settlement-conformance	governance:check
test:document-seal	test:identity-conformance	governance:evidence-check
test:document-seal-zk	test:interoperability-conformance	governance:verify-artifact-signature

CLOSING

Receiz Is The Full Stack Of Proof

The full account is simple: Receiz makes truth portable, visible, inspectable, ownable, settleable, and fast. It does this by refusing to let weaker implementation layers define reality above the artifact. That is why the same logic can carry a sealed file, a public profile, a wallet value state, a sports card, a game receipt, a market certificate, a lease register, a live twin surface, a governance artifact, and an offline verifier.

The product is not inevitable because it claims to be. It is inevitable because the cause and effect chain is now implemented: stronger truth paints first, weaker layers append beneath it, contracts enforce the boundary, and visual evidence is allowed to overrule incomplete tests.

Proof

artifact truth
Original bytes, sealed payloads,
verification, offline registers.

Ownership

custody truth
Vault objects, provenance,
transfer, public proof, action
affordances.

Settlement

value truth
Reserve, Settlement, notes,
certificates, ledger replay,
funded routes.

Witness

public truth
Profiles, live players, market,
sports, standards,
conformance, governance.

Receiz is not a generic app with proof features. Receiz is the proof-native artifact system.