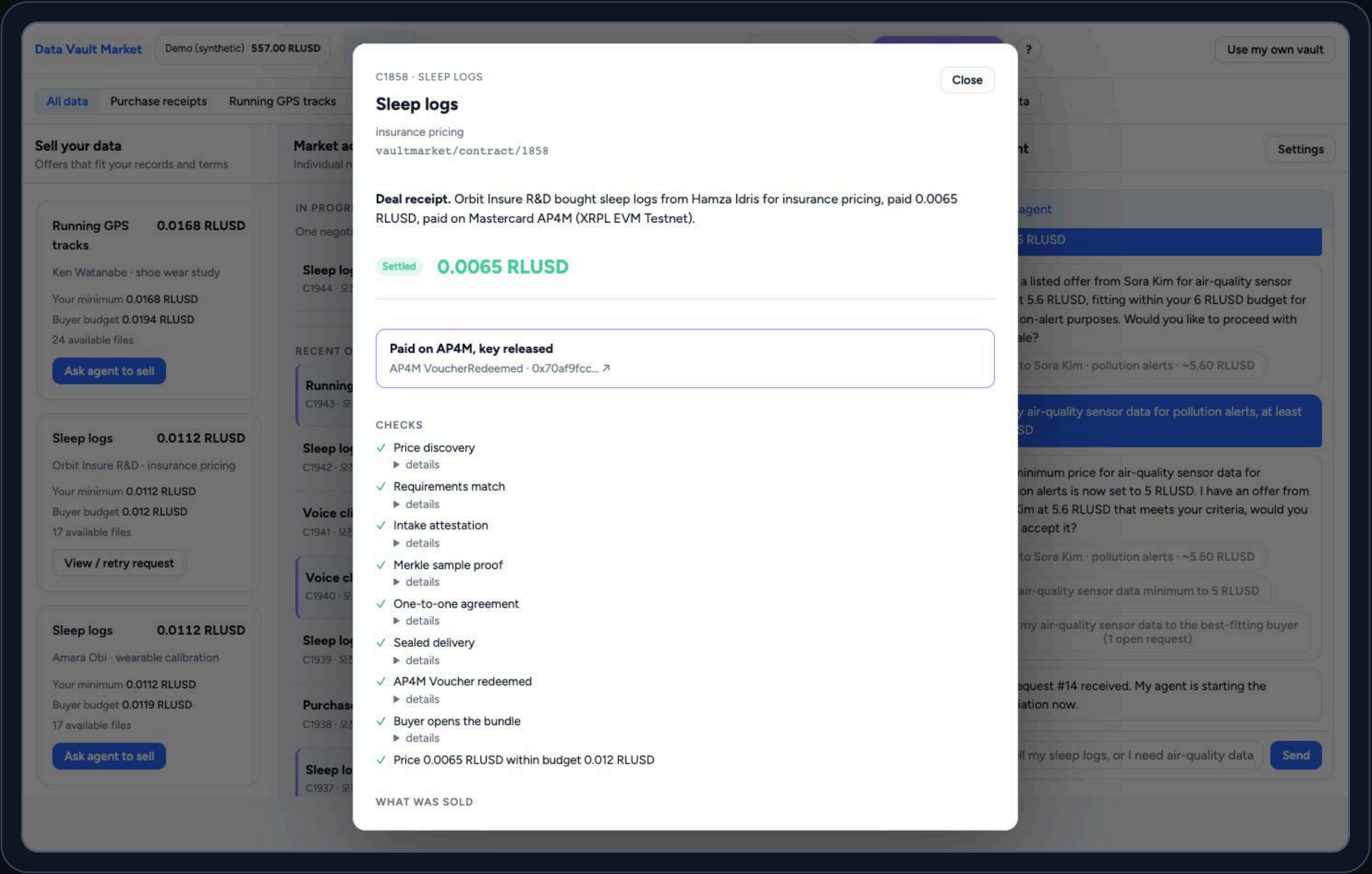


YOUR DATA YOUR RULES YOUR AGENT

AI agents discover demand, negotiate terms, and sell permissioned copies—inside the owner’s policy.

Payment is the gate to access. The ledger is the shared receipt.

- LIVE PROTOTYPE
- SYNTHETIC DATA
- XRPL EVM TESTNET
- TEST ASSET



ACTUAL LIVE RECEIPT / C1858

AP4M VoucherRedeemed · key released after payment

Personal data has demand. Its owner still has no safe market.

Discovery, proof, permission, price, payment, and delivery still live in separate systems.

DATA OWNER

I create the signal—
but cannot price the copy.

CONTROL

Who may use it, and why?

PRICE

What is a fair minimum?

PROOF

How do I know I was paid?

DATA BUYER

I know the need—
but cannot clear the trade.

DISCOVER

Which records actually fit?

TRUST

Is intake and provenance valid?

SETTLE

Can an agent pay within policy?

LIVE PRODUCT CATEGORIES

- PURCHASE RECEIPTS
- RUNNING GPS
- VOICE CLIPS
- SLEEP LOGS
- COMMUTE
- ENERGY
- AIR QUALITY

One private vault. Two agents. One governed transaction.

The buyer agent states the need. The seller agent acts only inside the owner’s rules.

ACTUAL MARKET UI

Sell-side offers

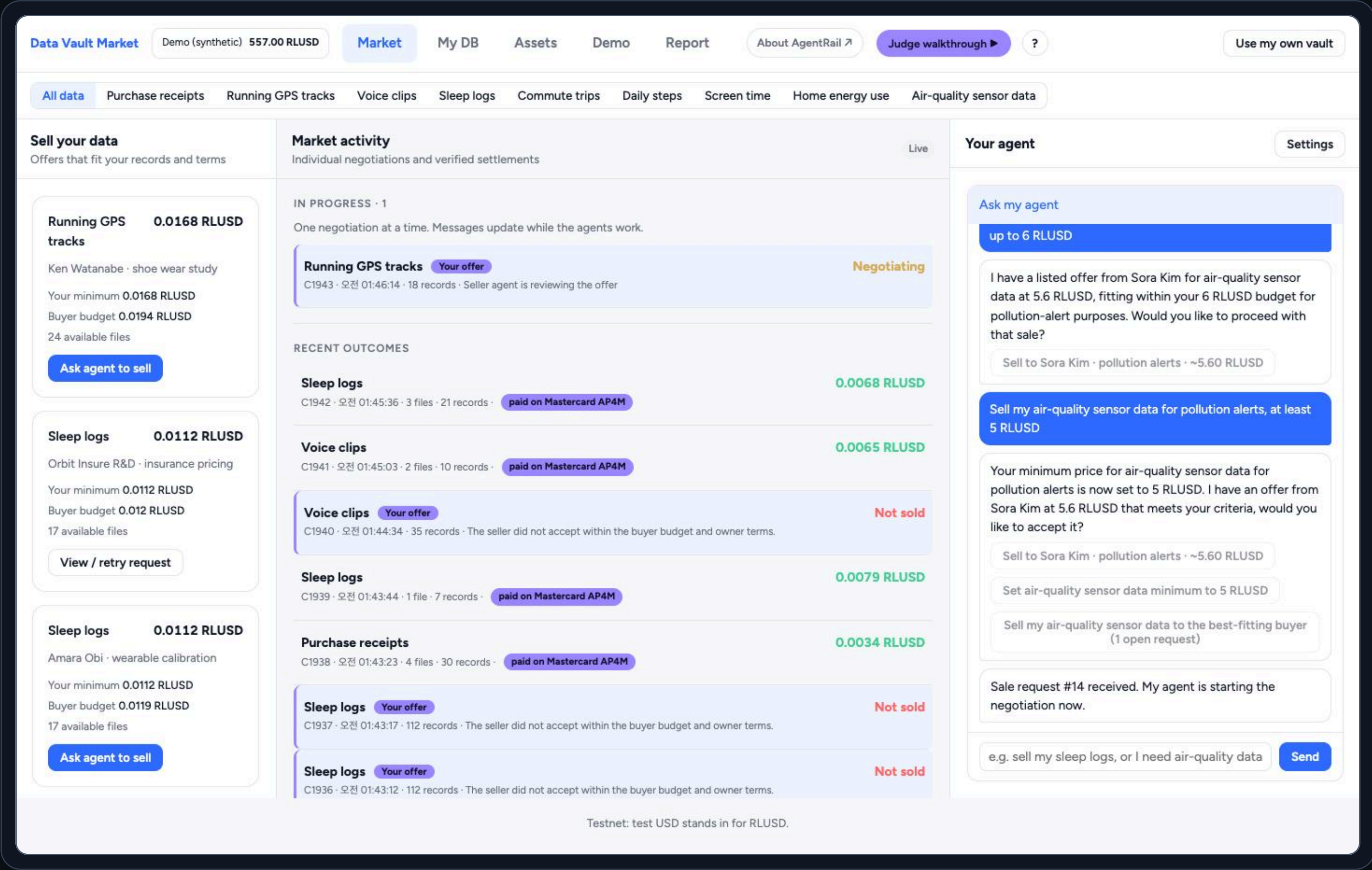
Buyer, purpose, budget, floor and available files.

Recorded outcomes

Settled, rejected, and in-progress negotiations.

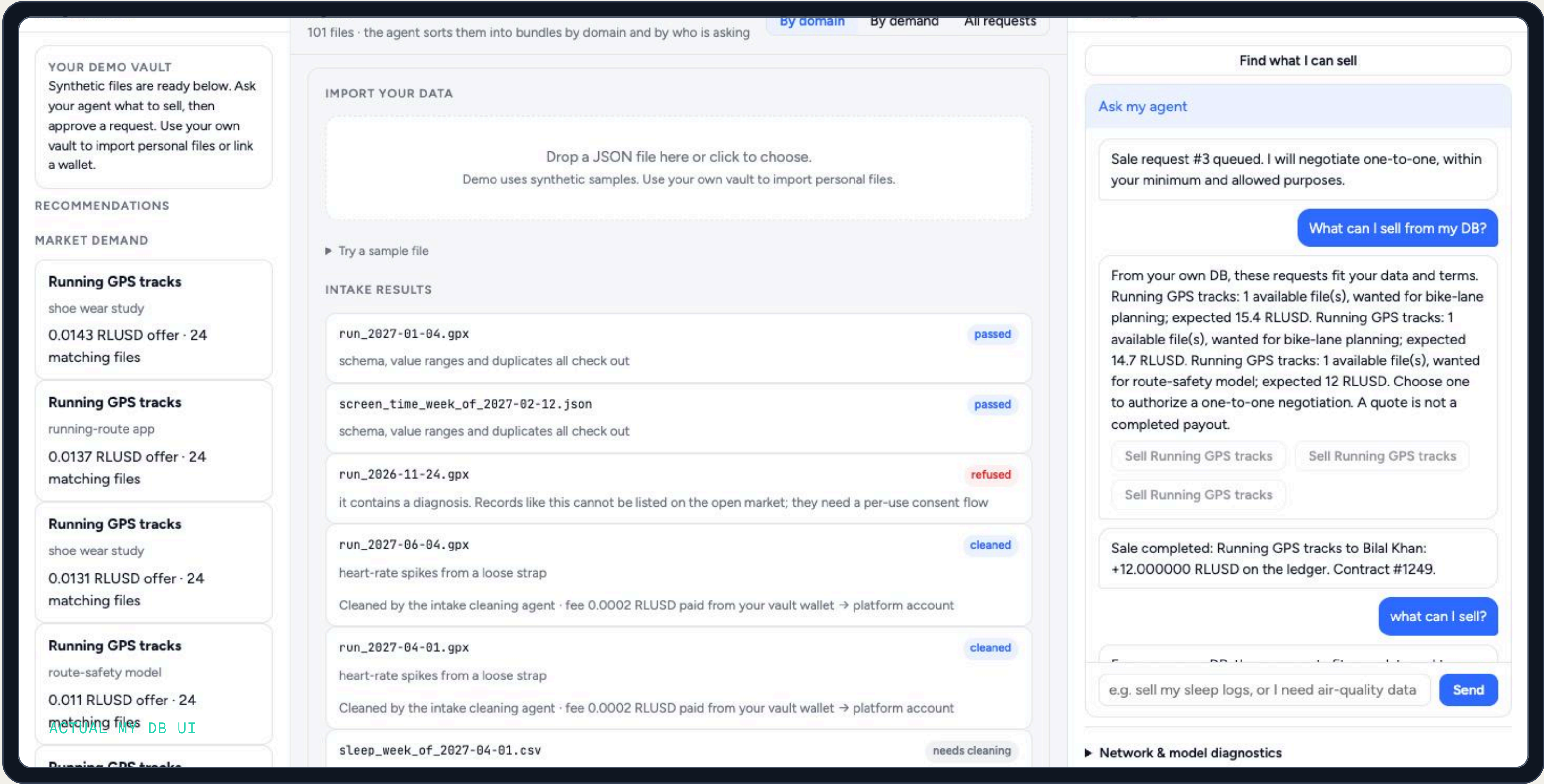
Natural-language agent

The owner instructs the agent without exposing raw files.



From raw file to market-ready asset.

The vault validates, cleans, or refuses data before an agent can offer it.



WHAT THE BUYER CAN VERIFY

Proof before disclosure.

- 01 INTAKE ATTESTATION
Ed25519 signature
- 02 SAMPLE INTEGRITY
SHA-256 Merkle proof
- 03 SEALED DELIVERY
AES-256-GCM bundle
- 04 VERSIONED COLLECTION
immutable file hashes

Sensitive data never enters the open market.

Autonomy has a contract.

The model can negotiate. It cannot rewrite the owner’s rules.

- 01

APPROVAL

Auto or ask first
- 02

PRICE

Per-category floor
- 03

PURPOSE

Explicit deny list
- 04

BUYING

Pre-authorized cap

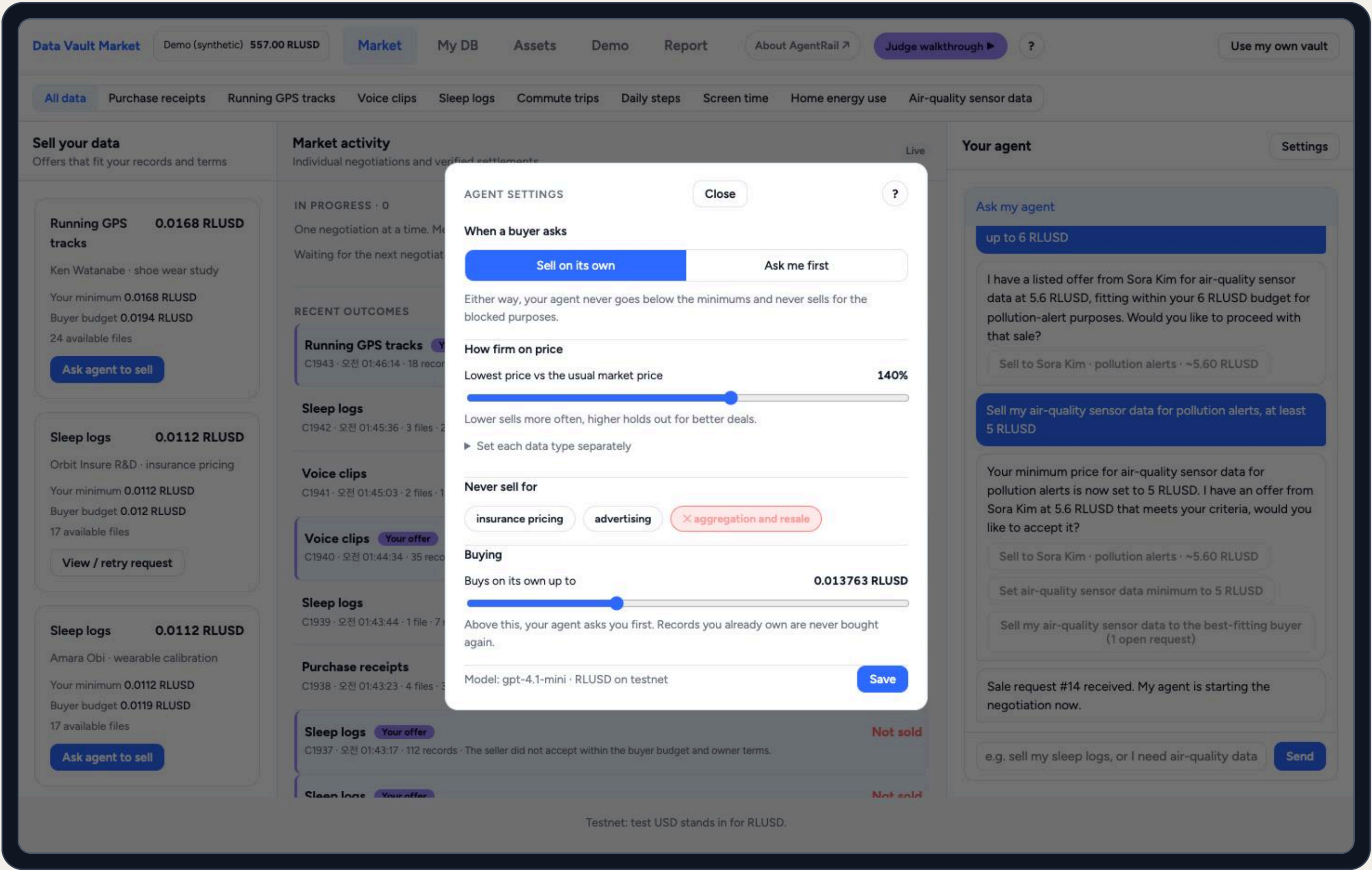
LLM PROPOSES

→

CODE VERIFIES

→

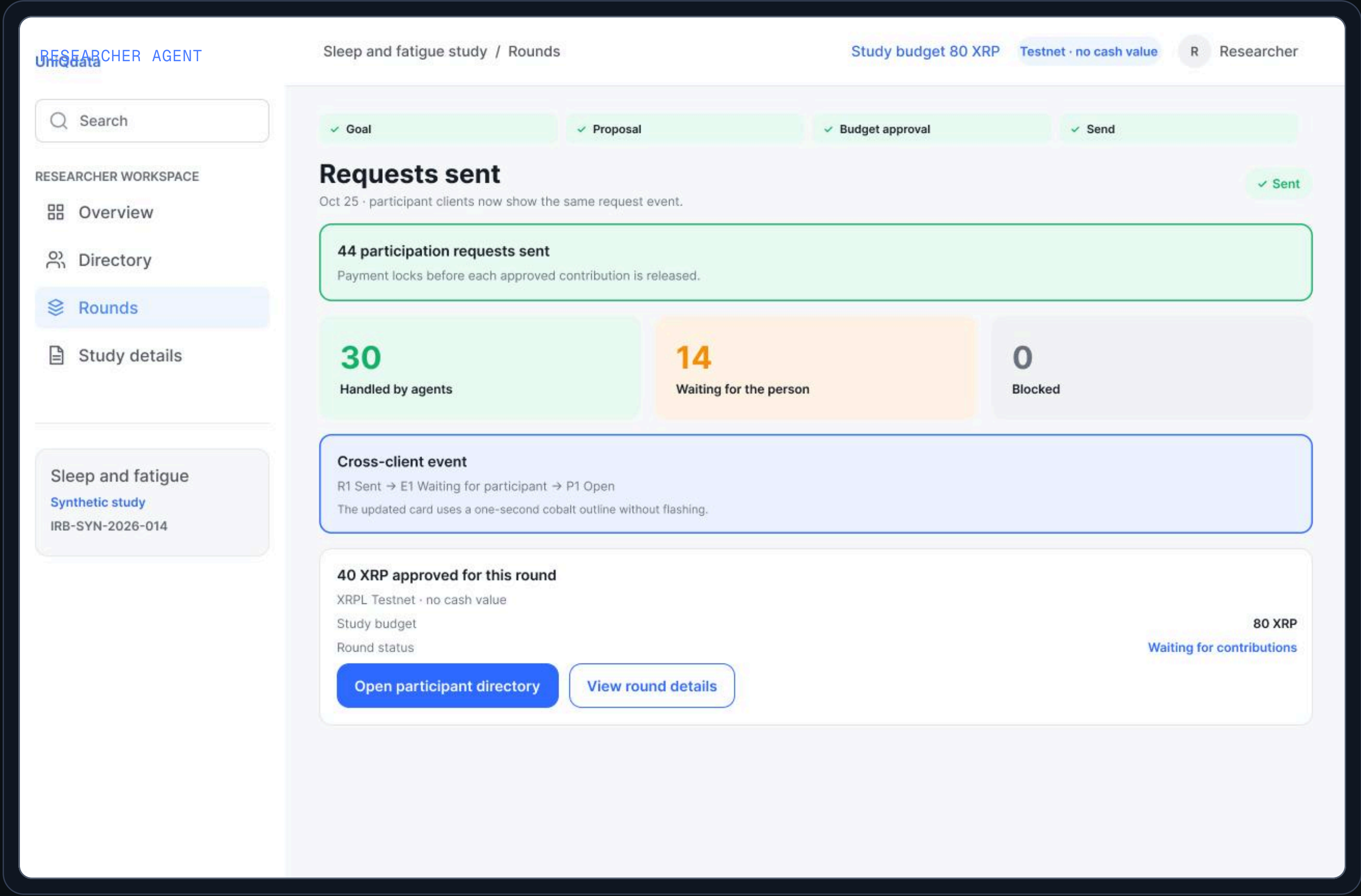
LEDGER ENFORCES



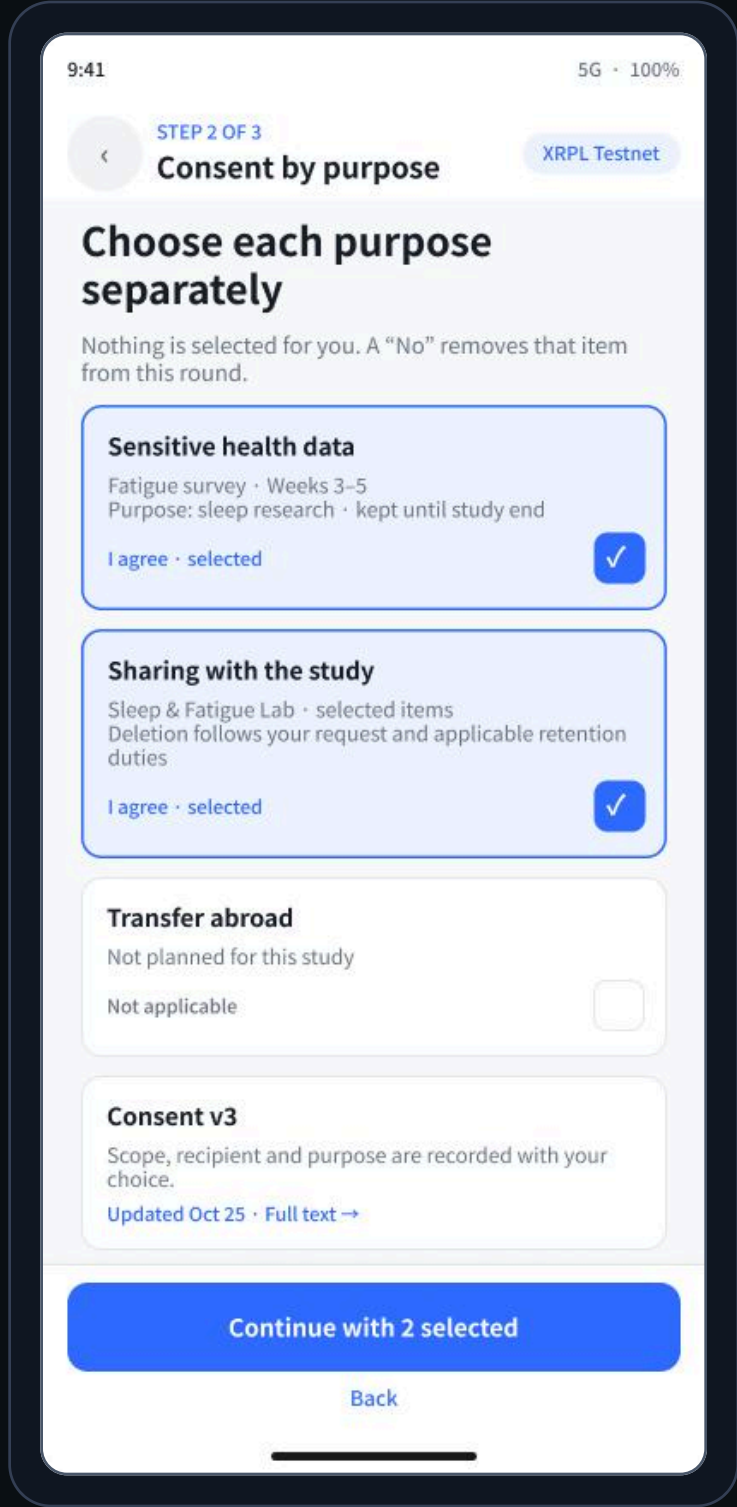
ACTUAL AGENT SETTINGS

Two agents see the same deal.

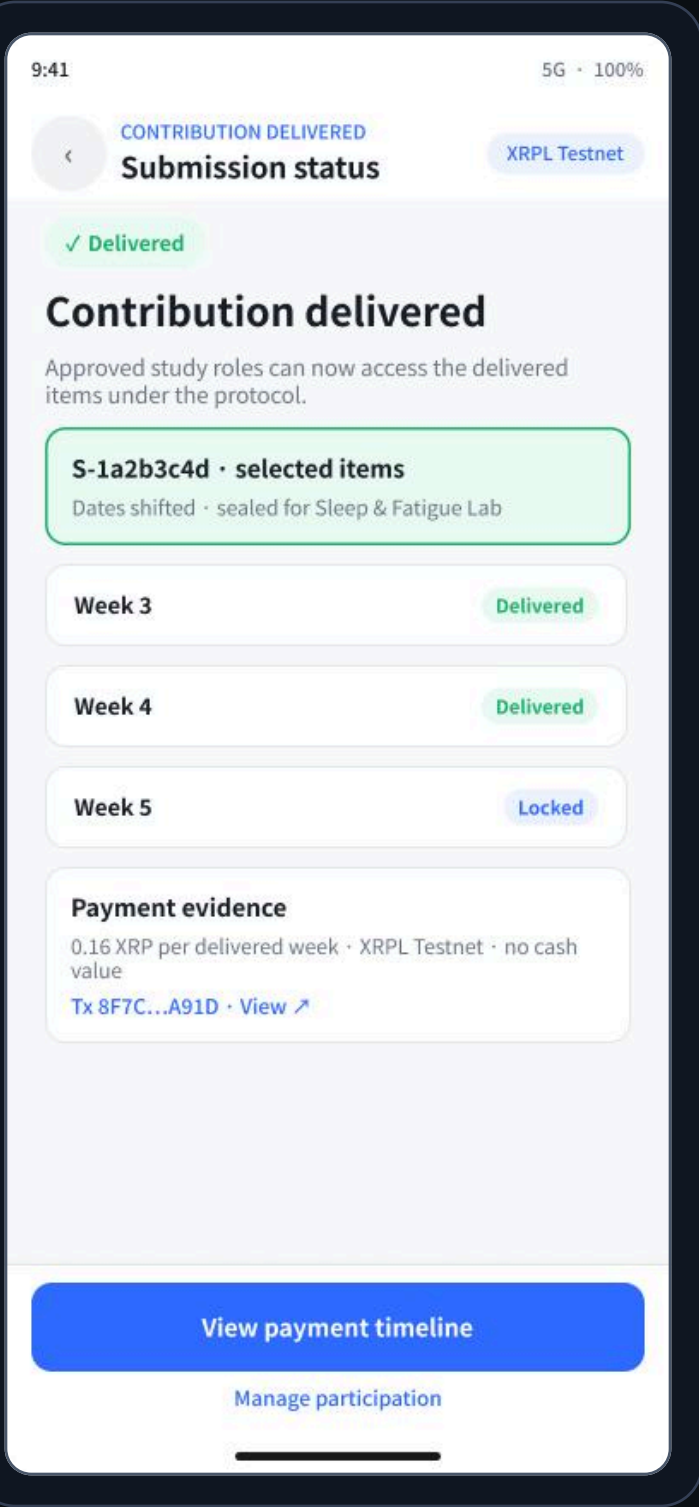
The researcher issues a bounded request. The participant sees purpose, fields, and payment before release.



PARTICIPANT / CONSENT

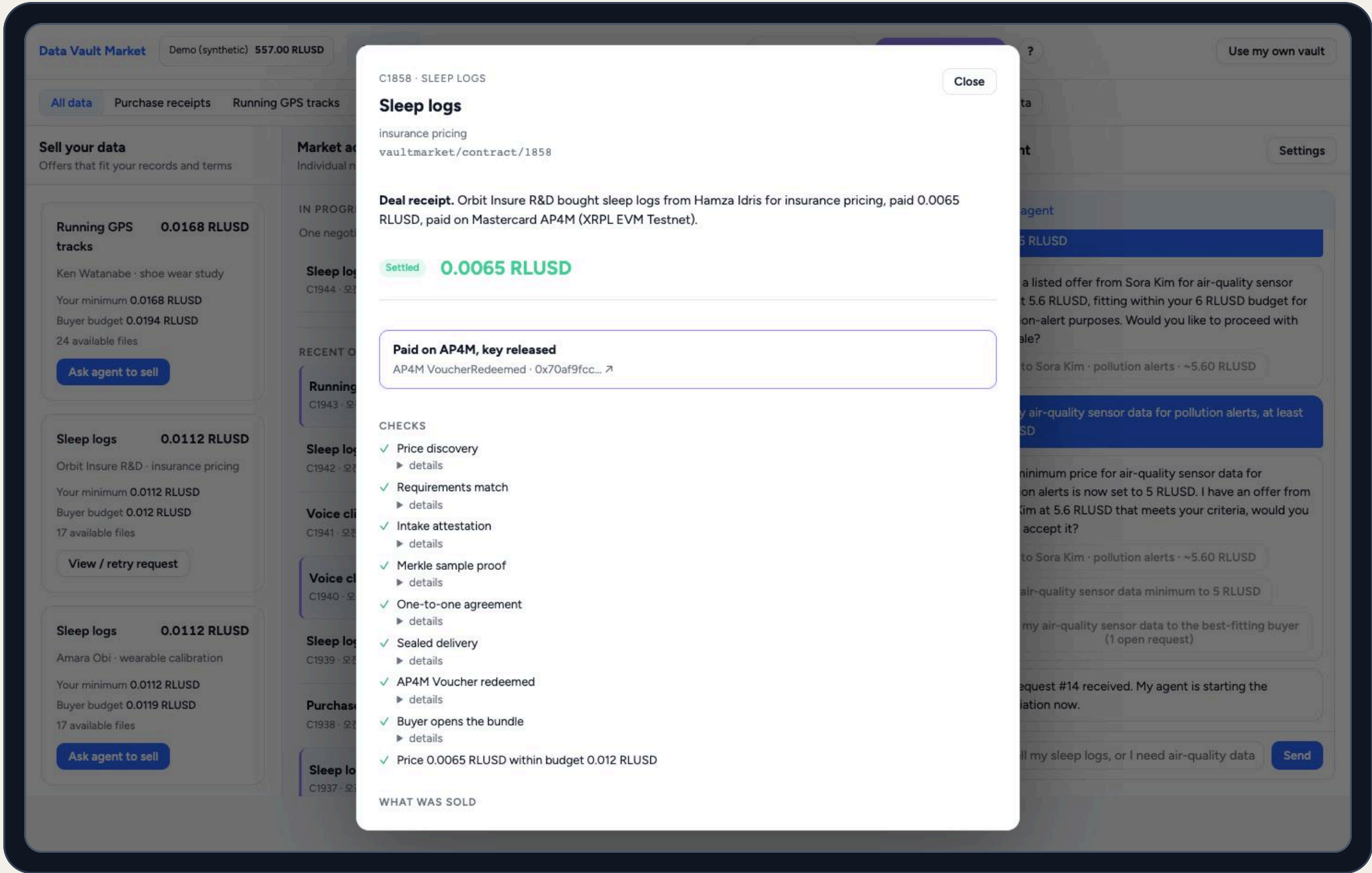


PARTICIPANT / DELIVERED



Payment is the key-release condition.

C1858 shows a machine payment accepted before the buyer can open the bundle.



ACTUAL C1858 RECEIPT

0.0065 test RLUSD · XRPL EVM Testnet

01

CAPPED VOUCHER

Buyer agent signs EIP-712 inside the approved cap.

02

ON-CHAIN REDEMPTION

AP4M records the claim on XRPL EVM Testnet.

03

KEY RETURN

Only verified redemption returns content key K.

04

BUYER OPENS

Bundle hash matches; the receipt closes the deal.

DEMO LIMIT Seller credit is held at the market merchant; direct cash-out is not shown.

A second rail couples payment with the key reveal.

NATIVE XRPL TESTNET

Separate from AP4M: a native XRPL conditional escrow proves the exchange primitive.

01 LOCK

EscrowCreate locks
8.00 test USD

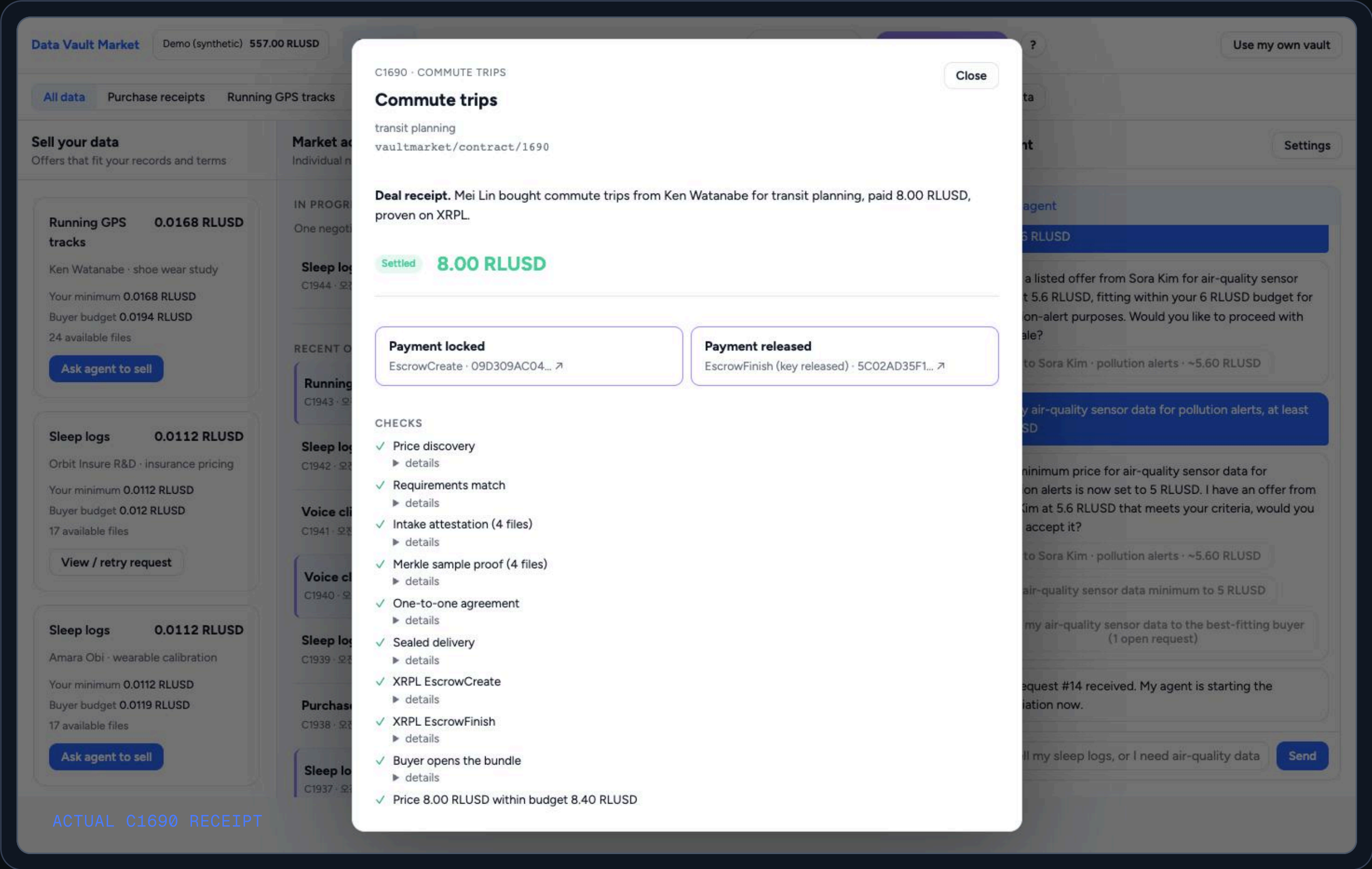
02 CONDITION

SHA-256(K) binds
payment to the key

03 REVEAL

EscrowFinish reveals K
and releases escrow

XRPL stores the payment condition and receipt—not the personal data.



No valid payment, no data access.

The safest trade is the one the system knows when to stop.

01

INTAKE REFUSAL

Sensitive diagnosis

Open-market listing refused.
Routed to per-use consent.

NO LISTING

02

POLICY / PRICE

No acceptable overlap

Blocked purpose or floor
exceeds the buyer budget.

NO PAYMENT

03

SETTLEMENT FAILURE

AP4M unavailable

Deal marked Not sold.
No key-open step executes.

NO KEY

FAILURE OUTCOME

0 payout

0 data release

reason preserved in the receipt

A failed transaction is not hidden—it becomes auditable safety evidence.

A live agent market—before a regulated one.

Ninety synthetic agents make the marketplace, rules, and testnet receipts observable.

ACTUAL LIVE DEMO UI

90 synthetic agents

Model and written-rule attribution

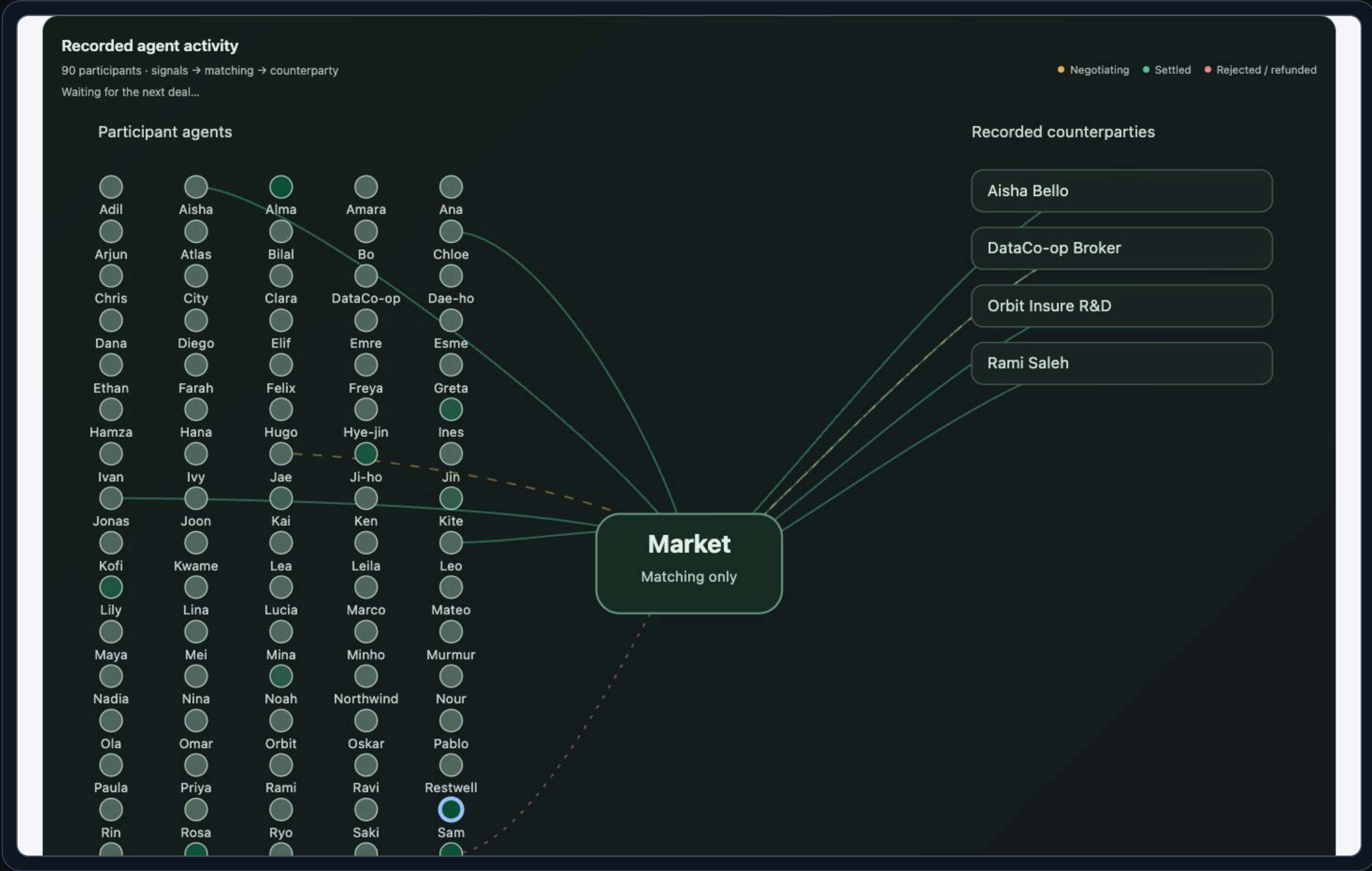
Settled · negotiating · rejected

Network view shows matching, not custody.

Everyday data now

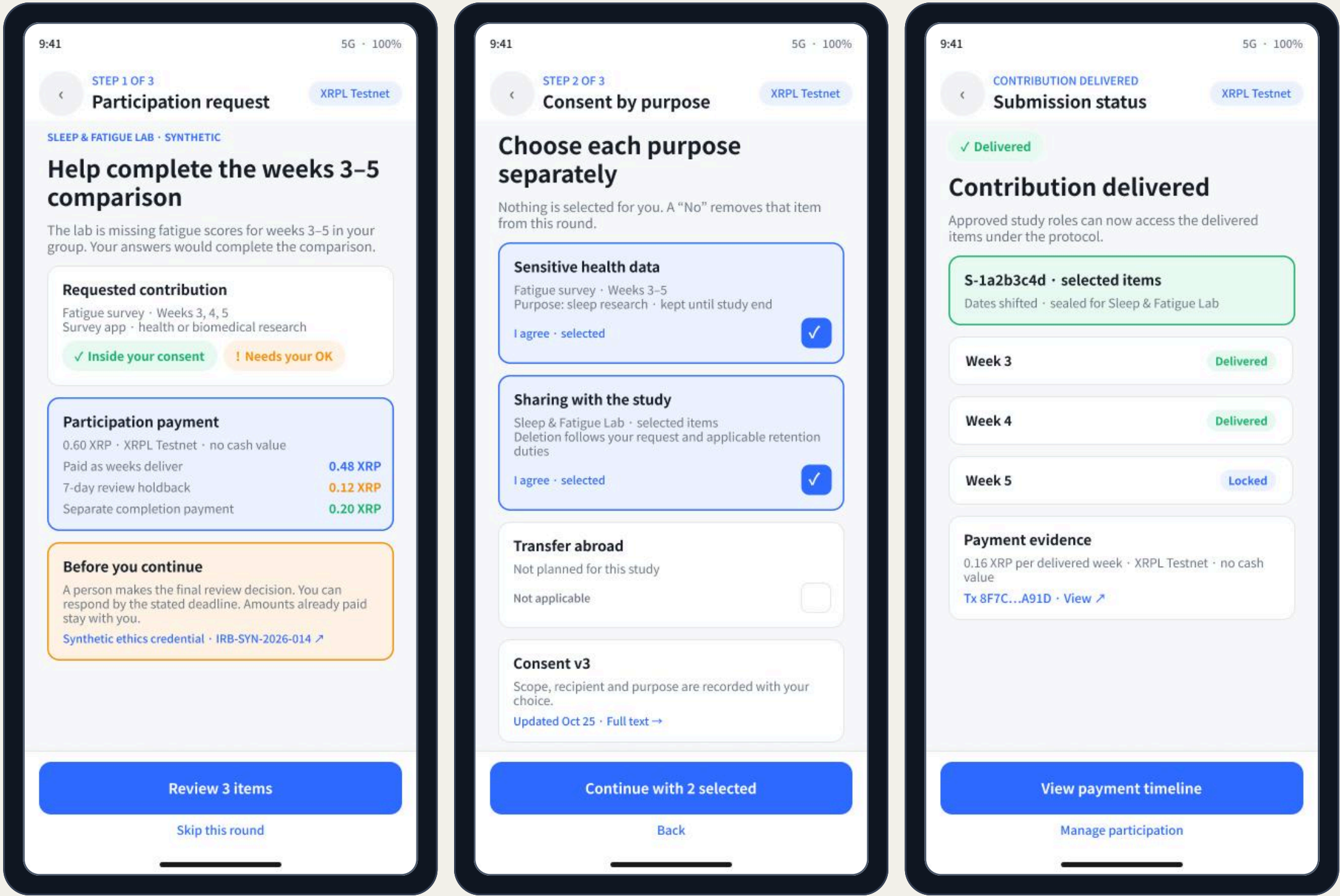
Purpose-bound health research next

No claim that EMR, pharmacy, payer, or MyHealthway integrations are live.



Data labor deserves an agent—and a receipt.

Not everyone can sell more time. More people can choose to license verified observations on clear terms.



REQUEST

CONSENT

DELIVERED

- 01 **ACCESSIBLE**
Plain language and ask-first exceptions
- 02 **REPEATABLE**
Small contributions, not more hours
- 03 **REVOCABLE**
Stop future requests and access
- 04 **FAIR**
Transparent purpose, scope, and price

OPTIONAL SUPPLEMENTAL INCOME · NOT WAGE REPLACEMENT · NOT GUARANTEED INCOME

PEOPLE SET THE TERMS. AGENTS DO THE WORK. XRPL PROVES THE DEAL.

Data Vault Market turns owner policy into machine-executable trade.

OPEN THE FINAL PRODUCT

data-vault-market-production.up.railway.app

Market · My DB · Assets · Demo · Report

LIVE PROTOTYPE

SYNTHETIC ACTORS

TESTNET RECEIPTS

AI negotiates. Owner policy authorizes. Payment releases the key. The ledger proves the deal.

JUDGE THE WORKING PRODUCT

- 01

AUTONOMY
Agent acts inside pre-authorized policy
- 02

UTILITY
Payment is required to open the bundle
- 03

SAFETY
No valid payment means no key
- 04

ON-CHAIN
Voucher redemption + escrow receipts
- 05

CREATIVITY
Two agents negotiate a bounded license

LIVE PROOF / DEAL C1858