RECONORΛ

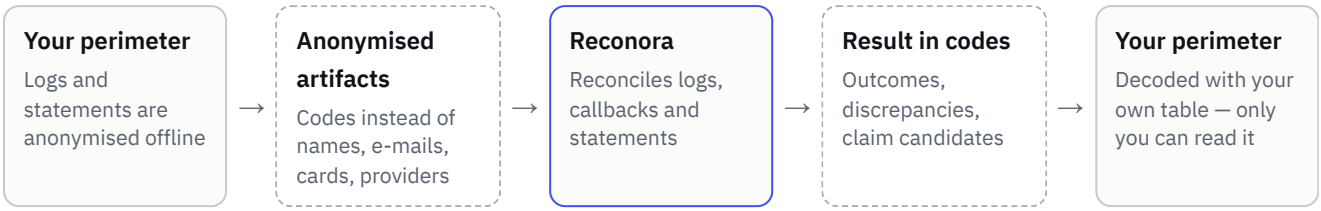
Security & data handling brief

> Reconora never receives your customers' personal data. An anonymisation module runs inside your perimeter, offline, and replaces names, e-mails, card numbers and provider names with codes. We reconcile the anonymised artifacts and return the result in the same codes; only you can decode it.

Reconora is an independent payment reconciliation layer for merchants who accept money through dozens of payment providers (iGaming, betting, FX). Your data stays with you: an anonymisation module runs inside the merchant's perimeter; Reconora receives only anonymised artifacts, reconciles them and returns the result.

For security, compliance and IT teams reviewing a free pilot. Updated 18 October 2026.
Reconora is operated by FT Trust Services Ltd, Jacki Court 201, 1047 Nicosia, Cyprus. Contact: product@reconora.com

How data flows



Think of an external auditor who receives a ledger where every name is a code — and the codebook stays in your safe. What runs where · A review checklist for your CISO

What leaves, what never does, what comes back

Leaves your company	Never leaves	Comes back
Provider and currency codes	Names, e-mails, phone numbers, IP addresses	The reconciliation result, in the same codes
Amounts and timestamps	Full card numbers, IBANs, document numbers	Discrepancies with reasons and row addresses
Payment statuses	Provider names	Claim candidates with evidence
Identifiers as shape-preserving hashes	The encoding table and the secret	A verification report

The anonymiser: one record, before and after

Before — at your site

```
provider:    DemoPay
currency:    EUR
customer:    Jane Example
email:       jane@example.org
phone:       +00 000 000 0000
ip:          198.51.100.24
card:        4000 0000 0000 0002
customer_id: C-104233
txn_id:      DP-20260115-0091
amount:      150.00
status:      success
```

After — what leaves

```
provider:    P-017
currency:    C-03
customer:    —
email:       —
phone:       —
ip:          —
card:        400000******0002
customer_id: U-7d2f91c0
txn_id:      DP-20260115-0091
amount:      150.00
status:      success
```

Fictional example. All values are fictional.

The example is fictional. The module replaces the provider with a code, the currency with a code, removes the customer's name, e-mail, phone and IP, masks the card to its first six and last four digits, turns the customer ID into a pseudonym — and keeps the transaction ID, amount and status that reconciliation needs.

What it removes

Names · e-mail addresses · phone numbers · IP addresses · postal addresses · card data · bank account details · credentials and tokens · document numbers under known field names.

What it keeps

Identifiers (as shape-preserving hashes, so matching still works) · amounts · statuses · timestamps · provider and currency codes · currency precision.

What stays only with you

The encoding table and the secret. They are created on first run at your site; Reconora never receives them.

Scale

A full day — 1.5 million log records — in 40.3 minutes on an ordinary laptop. Residual personal data under the module's own rules: 0.

How every package is verified

- **Manifest and record balance.** The package declares its record count; we check it: 1.5 million = 1,187,215 parsed + 329,997 skipped + 9,635 quarantined.
- **Fingerprints.** Every package and every source file carries a SHA-256 fingerprint, so evidence in a claim can be traced to the exact file.
- **Residual personal data.** After anonymising a full day: 0 residuals under the module's own rules.
- **A human decision.** A package is used only after your controller accepts it.

Tested with planted markers — and honest about the weak spot

We plant fictional personal values in a copy of the data and count how many fail to reach the output.

Kind	Caught
E-mail	100%
Phone	100%
Card number	100%
IBAN	100%
IP address	100%
Name	99.1%
Document numbers without a marker word	26.4%

A passport or tax number with no marker word next to it looks like any numeric ID. Under known field names it is caught completely; in free text it is our known weak spot, and our release threshold of 95% is not met there yet. We would rather tell you than have your security team find it. Read about the anonymiser

Audit the code yourself

The anonymisation module is delivered with its **full source code**. Your security team can read every line before it touches your data. It runs offline and uses only the Python standard library — no network calls, no third-party packages.

What we don’t need

- Access to your production systems.
- An API integration to start.
- Any personal data.
- Changes to your processes.

Every action is recorded

Package intake, reconciliation runs, approvals, claims and rule changes go into an audit log where each entry carries the fingerprint of the previous one (a SHA-256 chain). Change any entry after the fact and the integrity check shows the break. Five roles with separated rights; a rule change by an operator is only a proposal until a manager approves it. Audit trail

Segregation of duties

Role	Sees	Can
Owner, CEO	Everything, aggregated, with drill-down	Read
CFO	Portfolio and liquidity	Read, set thresholds
Treasury	Only the assigned provider and currency slice	Prepare payment documents
Head of reconciliation	Queues and ageing	Approve rules and claims
Reconciliation operator	Individual payments, no summary total	Approve, defer, propose rules

We never move money

Reconora is an information layer. There is no “pay”, “block withdrawal” or “refund” button. A payment instruction, where needed, is exported as a document and executed by you.

What we don’t claim

We do not claim certifications we do not hold. We describe how the system is built and how we test it, and we give you the code to check it.

Questions

Can Reconora re-identify my customers?

No. The encoding table and the secret are created at your site and never leave it. Without them the codes cannot be reversed.

Does the module send anything over the network?

No. It runs offline and uses only the Python standard library. You can verify this in the source code.

Do you receive card numbers?

No full card numbers. Card data is removed or masked before the package is created.

Can we sign a DPA?

Yes. Request our DPA at product@reconora.com.

Requests

What	How
The anonymiser’s full source code	product@reconora.com — subject “Anonymiser source code request”
Our DPA	product@reconora.com — subject “DPA request”
A free pilot	reconora.com/pilot