

UI review report

Walkthrough, screenshots, usage, remaining issues, and suggested improvements.

Captured 2026-09-11. Browser console: no application errors after favicon data-URI (catalog static server still 404s a missing favicon.ico until the next full site deploy).

What was fixed in this pass

- CS / sales / accounting / access-staff restyled to the portal indigo system. Dollars and names, not cents forms.
- Fleet replica and service actions collapsed to one overflow menu. Power column is status, not on/off toggles.
- Add-machine roles are chips. Header copy is operator LAN · binds 0.0.0.0:3850 (NATS stays private).
- Docs tab is cards. Trace hop grid wraps. Skip link and focus rings on staff and console.
- Simulator indigo; orange only on Inject faults.
- Portal API key masked with Reveal / Copy / Regenerate. Invoice empty-state illustration.
- Admin customers: list vs edit drawer. Invoice empty state.
- Catalog body font is system-ui. Swagger /docs labeled stock.

How to use each surface

Operator: open :3850, Fleet for replicas, Trace to inject a Zap step, Docs for PDFs. Staff: CS :3011 credit in USD; Sales :3012 quote; Accounting :3013 export; Staff plane :3025 after authz. Customers: /portal. Ops: /admin. Lab: simulator :3847.

Issues still to consider

Severity	Issue	Suggestion
High	Staff UIs look up by customer id; ledger often has no display name, so the heading is cust_1 not Ada.	Join account-balance statements to zappier-edge customer name, or add a typeahead of customers.
High	Staff, portal, and admin have no session login on CS/sales/accounting HTML (LAN trust).	Put a staff SSO or shared cookie in front of :3011–:3013 and :3025 before any non-lab bind.
Med	Catalog is still a long bibliography. Font is fixed; information architecture is not.	Card index like the console Docs tab: Start here / Architecture / Modules.
Med	Swagger /docs remains stock.	Keep it for integrators; do not skin it. Link it as 'OpenAPI explorer' only.
Med	Fleet add-machine form is dense; identity file still truncates in a narrow field.	Two-row form: identity + roles on the second row with a file picker.
Med	lan-134 shows degraded/disabled in yellow while local/ns1 are green — correct, but the disable button looks like a fault.	When a machine is intentionally disabled, use a neutral grey card, not degraded yellow.
Low	Portal statement empty cells still embed the empty illustration inside a table row.	Drop the table when the list is empty; use the same card empty state as invoices.
Low	Overflow menus can open off-screen at the bottom of a long fleet table.	Flip the menu upward when near the viewport edge.

Severity	Issue	Suggestion
Low	Access-staff and CS are nearly the same page.	Keep both (plane vs department) but share one HTML template file.
Low	Simulator empty console is a large black void before the first run.	Placeholder hop: 'Run a step to fill this trace.'

Screenshot atlas with usage notes

Operator console — Fleet

Open <http://127.0.0.1:3850/>. Role chips replace the truncated text field. Power is a status (on / paused / off), not a toggle. Replica and service actions live in the overflow menu.

OPERATOR LAN · BINDS 0.0.0.0:3850

Verae operator console

Fleet, message trace, and docs in one shell. HTTP listens on all interfaces; NATS stays private. Pause does not count toward replica floors. SSH keys stay on disk.

Fleet Trace Docs

probe 2026-09-11T21:58:12.856Z · NATS nats://127.0.0.1:4222 · HTTP 0.0.0.0:3850

MACHINES

id	host	kind	user	ssh port	identity file	capacity
ns1-b	70.88.205.138	ssh	marchon	22	~/ssh/id_ed25519	8

roles

- ☐ *
- ☒ tree-node
- ☒ archive-worm
- ☐ archive-aggregator
- ☐ job-poller
- ☐ webhook-deliver
- ☐ nats
- ☐ edge

Add machine

local **OPERATIONAL**

Control plane (this host)

127.0.0.1

local - 12/32 running - 12 avail

RTT ms 0 / 0 / 0 / 0 n=200

disable

ns1 **OPERATIONAL**

NS1.GEORGELAMBERT.ORG

marchon@70.88.205.138

ssh - 8/24 running - 8 avail

TREE-NODE ARCHIVE-WORM ARCHIVE-AGGREGATOR JOB-POLLER WEBHOOK-DELIVER

RTT ms 0 / 0.1 / 0.1 / 0.1 n=1600

disable **ssh-check**

lan-134 **DEGRADED**

70.88.205.134

marchon@70.88.205.134

ssh - 0/12 running - 0 avail

TREE-NODE ARCHIVE-WORM

disable **ssh-check**

SERVICES

SERVICE	HEALTH	FLOOR	RTT	INSTANCES	POWER
access-api Direct customer API access	OPERATIONAL	1 / min 1		UP access-api-0 @local :3022 ...	ON ...
access-authz Access-plane authorization	OPERATIONAL	1 / min 1		UP access-authz-0 @local :3020 ...	ON ...
access-leaf Server-to-server NATS leaf access	OPERATIONAL	1 / min 1		UP access-leaf-0 @local :3023 ...	ON ...
access-web Direct customer web access	OPERATIONAL	1 / min 1		UP access-web-0 @local :3021 ...	ON ...
access-zapier Zapier Platform access plane	OPERATIONAL	1 / min 1		UP access-zapier-0 @local :3024 ...	ON ...
account-balance Account balance (NATS billing SoT)	OPERATIONAL	1 / min 1		UP account-balance-0 @local :3010 ...	ON ...
accounting-export Accounting export (QuickBooks)	OPERATIONAL	1 / min 1		UP accounting-export-0 @local :3013 ...	ON ...
archive-aggregator Archive reply aggregator	OPERATIONAL	1 / min 1	RTT ms 0 / 0.1 / 0.1 / 0.1 n=200	UP archive-aggregator-0 @ns1 :13400 ...	ON ...
archive-worm Bloom-filtered WORM archive	OPERATIONAL	3 / min 3	RTT ms 0 / 0.1 / 0.1 / 0.1 n=600	UP archive-worm-0 @ns1 :13500 ... UP archive-worm-1 @ns1 :13501 ... UP archive-worm-2 @ns1 :13502 ...	ON ...
customer-service Customer-service credits and review	OPERATIONAL	1 / min 1		UP customer-service-0 @local :3011 ...	ON ...
job-poller Job poller worker	OPERATIONAL	1 / min 1	RTT ms 0 / 0.1 / 0.1 / 0.1 n=200	UP job-poller-0 @ns1 :13200 ...	ON ...
middleware-http Verae Zapier HTTP middleware	OPERATIONAL	1 / min 1		UP middleware-http-0 @local :3100 ...	ON ...
nats NATS JetStream (NS1 loopback)	NOT OPERATIONAL	0 / min 1		none	OFF ...
sales-pricing Sales per-customer pricing	OPERATIONAL	1 / min 1		UP sales-pricing-0 @local :3012 ...	ON ...
tree-node Merkle tree-node archive	OPERATIONAL	3 / min 3	RTT ms 0 / 0.1 / 0.1 / 0.1 n=600	UP tree-node-0 @ns1 :13600 ... UP tree-node-1 @ns1 :13601 ... UP tree-node-2 @ns1 :13602 ...	ON ...
webhook-deliver Zapier REST Hook deliverer	OPERATIONAL	1 / min 1	RTT ms 0 / 0 / 0 / 0 n=200	UP webhook-deliver-0 @local :13300 ...	ON ...
zapier-simulator Zapier interface simulator + trace console	OPERATIONAL	0 / min 0		none	OFF ...
zapier-edge Zapier commercial HTTPS edge	OPERATIONAL	1 / min 1		UP zapier-edge-0 @local :3000 ...	ON ...

01-console-fleet.png

Fleet — replica overflow

Click the overflow control on a replica. Pause, resume, and restart are in one menu. Confirm still guards restart.

OPERATOR LAN · BINDS 6.0.0.0:3850
Verae operator console
 Fleet, message trace, and docs in one shell. HTTP listens on all interfaces; NATS stays private. Pause does not count toward replica floors. SSH keys stay on disk.

probe 2026-09-11T21:58:12.856Z · NATS nats://127.0.0.1:4222 · HTTP 0.0.0.0:3850

Fleet Trace Docs

MACHINES

id	host	kind	user	ssh port	identity file	capacity
ns1-b	70.88.205.138	ssh	marchon	22	~/ssh/id_ed25519	8

roles

tree-node ☒ archive-worm ☒
 archive-aggregator ☐ job-poller ☐ webhook-deliver ☐
 nats ☐ edge ☐

Add machine

local OPERATIONAL

Control plane (this host)

127.0.0.1

local · 12/32 running · 12 avail

RTT ms 0 / 0 / 0 / 0 ns=200

disable

ns1 OPERATIONAL

NS1.GEORGELAMBERT.ORG

marchon@70.88.205.138

ssh · 8/24 running · 8 avail

TREE-NODE ARCHIVE-WORM ARCHIVE-AGGREGATOR JOB-POLLER WEBHOOK-DELIVER

RTT ms 0 / 0.1 / 0.1 / 0.1 ns=1600

disable **ssh-check**

lan-134 DEGRADED

70.88.205.134

marchon@70.88.205.134

ssh · 0/12 running · 0 avail

TREE-NODE ARCHIVE-WORM

disable **ssh-check**

SERVICES

SERVICE	HEALTH	FLOOR	RTT	INSTANCES	POWER
access-api Direct customer API access	OPERATIONAL	1 / min 1		UP access-api-0 @local :3022 ...	ON ...
access-authz Access-plane authorization	OPERATIONAL	1 / min 1		UP access-...	ON ...
access-leaf Server-to-server NATS leaf access	OPERATIONAL	1 / min 1		UP access-...	ON ...
access-web Direct customer web access	OPERATIONAL	1 / min 1		UP access-web-0 @local :3021 ...	ON ...
access-zapier Zapier Platform access plane	OPERATIONAL	1 / min 1		UP access-zapier-0 @local :3024 ...	ON ...
account-balance Account balance (NATS billing SoT)	OPERATIONAL	1 / min 1		UP account-balance-0 @local :3010 ...	ON ...
accounting-export Accounting export (QuickBooks)	OPERATIONAL	1 / min 1		UP accounting-export-0 @local :3013 ...	ON ...
archive-aggregator Archive reply aggregator	OPERATIONAL	1 / min 1	RTT ms 0 / 0.1 / 0.1 / 0.1 ns=200	UP archive-aggregator-0 @ns1 :13400 ...	ON ...
archive-worm Bloom-filtered WORM archive	OPERATIONAL	3 / min 3	RTT ms 0 / 0.1 / 0.1 / 0.1 ns=600	UP archive-worm-0 @ns1 :13500 ... UP archive-worm-1 @ns1 :13501 ... UP archive-worm-2 @ns1 :13502 ...	ON ...
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job-poller Job poller worker	OPERATIONAL	1 / min 1	RTT ms 0 / 0.1 / 0.1 / 0.1 ns=200	UP job-poller-0 @ns1 :13200 ...	ON ...
middleware-http Verae Zapier HTTP middleware	OPERATIONAL	1 / min 1		UP middleware-http-0 @local :3100 ...	ON ...
nats NATS JetStream (NS1 loopback)	NOT OPERATIONAL	0 / min 1		none	OFF ...
sales-pricing Sales per-customer pricing	OPERATIONAL	1 / min 1		UP sales-pricing-0 @local :3012 ...	ON ...
tree-node Merkle tree-node archive	OPERATIONAL	3 / min 3	RTT ms 0 / 0.1 / 0.1 / 0.1 ns=600	UP tree-node-0 @ns1 :13600 ... UP tree-node-1 @ns1 :13601 ... UP tree-node-2 @ns1 :13602 ...	ON ...
webhook-deliver Zapier REST Hook deliverer	OPERATIONAL	1 / min 1	RTT ms 0 / 0 / 0 / 0 ns=200	UP webhook-deliver-0 @local :13300 ...	ON ...
zapier-simulator Zapier interface simulator + trace console	OPERATIONAL	0 / min 0		none	OFF ...
zapier-edge Zapier commercial HTTPS edge	OPERATIONAL	1 / min 1		UP zapier-edge-0 @local :3000 ...	ON ...

Pause replica
Resume replica
Restart replica

01b-console-fleet-overflow.png

Operator console — Trace

Trace tab. Orange box is fault inject only. Run step, then read hops on the right.

OPERATOR LAN · BINDS 0.0.0.0:3850

Verae operator console
Fleet, message trace, and docs in one shell. HTTP listens on all interfaces; NATS stays private. Pause does not count toward replica floors. SSH keys stay on disk.

FleetTraceDocs

ZAPIER STEP (SIMULATOR)

Action

Create Timestamp and Wait

Data / batch lines

invoice-1001
invoice-1002
invoice-1003

SHA256

Public metadata JSON

{ "source": "zap" }

☐ includeAttached ☐ includeTree

FAULTS

Orange is inject-only — not the product brand.

☐ 402 ☐ drop events ☐ recover

Run stepReset worldBatch Merkle

Lookup leafLookup tree

RESPONSE

Run a step.

HOP TRACE

MONITORS

02-console-trace.png

Trace after a run

Hop names wrap. Module column no longer clips. Monitors sit under the console.

OPERATOR LAN · BINDS 0.0.0.0:3850

Verae operator console

Fleet, message trace, and docs in one shell. HTTP listens on all interfaces; NATS stays private. Pause does not count toward replica floors. SSH keys stay on disk.

Fleet **Trace** Docs

ZAPIER STEP (SIMULATOR)

Action

Create Timestamp and Wait

Data / batch lines

```
invoice-1001
invoice-1002
invoice-1003
```

SHA256

fa14b9f107d4ab25725090bec80c7dd04956

Public metadata JSON

```
{ "source": "zap" }
```

☐ includeAttached ☐ includeTree

FAULTS

Orange is inject-only — not the product brand.

☐ 402 ☐ drop events ☐ recover

Run step **Reset world** **Batch Merkle**

Lookup leaf **Lookup tree**

RESPONSE

```
{
  "jobId": "86a3267f-2831-44b3-97df-3cd4d536f57a",
  "status": "completed",
  "sha256": "fa14b9f107d4ab25725090bec80c7dd049568056c40061d21fbaa0b6e3b9550",
  "existing": true,
  "receipts": [
    {
      "kind": "seal",
      "timestamp": "2026-09-11T21:55:47.287Z",
      "certificate": "mock-cert-86a3267f",
      "blockIndex": 1,
      "jobId": "86a3267f-2831-44b3-97df-3cd4d536f57a",
      "sha256": "fa14b9f107d4ab25725090bec80c7dd049568056c40061d21fbaa0b6e3b9550"
    }
  ],
  "files": [],
  "archivesQueried": false,
  "archiveReplies": 0
}
```

HOP TRACE

```
0ms → zapier-platform-app perform zapier://action/timestamp_and_wait - Zapier cloud perform(z, bundle).
                                HTTPS only.
0ms → zapier-edge auth HTTPS x-api-key
0ms → zapier-edge meter HTTPS → middleware - Rate card x tier - monthly credit
0ms → middleware-http POST /zapier/v1/timestamp/wait HTTPS /zapier/v1/timestamp/wait
0ms → verae-request-splitter splitRequest in-process - Chain gets hash only. Files/meta → archive.put
0ms → verae-chain-client lookup HTTPS api.veraetime.net (MOCK) → Already sealed - original receipt, no
                                second write
0ms → middleware-http publish verae.zapier.jobs.watch
0ms → job-poller consume verae.zapier.jobs.watch
0ms → job-poller GET status HTTPS api.veraetime.net/status
0ms → job-poller publish verae.zapier.jobs.events
0ms → middleware-http wait verae.zapier.jobs.events
0ms → middleware-http response HTTPS 200
0ms → zapier-platform-app output zapier://action/timestamp_and_wait - Returned to Zap step / task history
```

MONITORS

OPERATIONAL 13 hops · 0 errors

02b-console-trace-run.png

Operator console — Docs

Docs are cards matching Fleet, grouped High-level / Architecture / Remaining.

OPERATOR LAN · BINDS 0.0.0.0:3880

Verae operator console

Fleet, message trace, and docs in one shell. HTTP listens on all interfaces; NATS stays private. Pause does not count toward replica floors. SSH keys stay on disk.

Fleet

Trace

Docs

Reading order: high-level first, then architecture, then the rest. Catalog defaults to colored PDFs. Operator HTTP binds all interfaces; NATS does not.

[Open CONSOLE.pdf](#) · [PDF catalog](#) · [Markdown indexes](#)

HIGH-LEVEL (START HERE)

Overview
 Whole system in plain language.
[Open PDF](#)

Modules and repositories
 Short names of every independent repo.
[Open PDF](#)

docs-master
 One-line SUMMARY + NATS for each module.
[Open PDF](#)

User guide
 Signup → register → lookup (non-operator).
[Open PDF](#)

ARCHITECTURE

NATS.IO 3-server cluster
 Loopback NATS, not a public bus.
[Open PDF](#)

Uptime / replica floors
 Pause does not count toward floors.
[Open PDF](#)

Local network failures
 What the monitors flag.
[Open PDF](#)

Address routing
 Access planes to internal subjects.
[Open PDF](#)

Diagrams
 System, cluster, routing.

PDF SVG

Composition
 How packages sit together.
[Open PDF](#)

Module NATS map
 Subjects per repo.
[Open PDF](#)

Archive / bloom
 WORM nodes.
[Open PDF](#)

Tree nodes
 Merkle proofs for hashes.
[Open PDF](#)

Fleet
 Replica floors and spawn.
[Open PDF](#)

REMAINING DOCUMENTATION

Full index
 Every remaining document.
[Open PDF](#)

Expansion template
 New verae.* worker.

PDF repo

Zapier developer setup
 Platform CLI, not a customer surface.
[Open PDF](#)

Simulator README
 Hop-by-hop lab.
[Open PDF](#)

verae-fleet repo
 Source for this console.
[Open repo](#)

03-console-docs.png

Standalone simulator

<http://127.0.0.1:3847/> uses the indigo shell. Orange is the Inject faults panel only.

SIMULATOR · NOT LIVE ZAPIER · BINDS 0.0.0.0:3847

Verae Time x Zapier trace console

Every hop from Zap input → zapier-edge → middleware → splitter → chain / WORM / tree nodes → Zap output. NATS addresses are in-process. HTTP on all interfaces; NATS stays private.

ZAPIER STEP

Action

Create Timestamp and Wait

Data / Items (batch = one per line)

hello from zapier

SHA256 (lookup; blank = hash Data)

64 hex chars

Public metadata JSON

{"source":"zap"}

Certificate (verify)

Email (signup)

ada@example.com

☐ includeAttached (query WORM)

☐ includeTree (query tree nodes)

INJECT FAULTS

Orange is the fault accent only.

☐ edge 401

☐ edge 402 quota

☐ chain timeout

☐ drop jobs.watch

☐ drop jobs.events

☐ all archives silent

☐ one tree node down

☐ recover (retry)

Delay chain ms

0

Delay archive ms

0

Run step

Reset world

SCENARIOS

Register

Lookup chain

Batch Merkle

Lookup leaf

Lookup tree

World is sticky: batch first, then lookup a leaf. Central lookup should miss; tree lookup should prove inclusion.

RESPONSE TO ZAPIER

Run a step to see output.

MONITORS & SUGGESTED MODIFICATIONS

04-simulator.png

Simulator after a run

Same hop grid as the console Trace tab. Run step or a scenario button.

SIMULATOR · NOT LIVE ZAPIER · BINDS 0.0.0.0:3847
Verae Time x Zapier trace console

Every hop from Zap input → zapier-edge → middleware → splitter → chain / WORM / tree nodes → Zap output. NATS addresses are in-process. HTTP on all interfaces; NATS stays private.

ZAPIER STEP

Action

Create Timestamp and Wait

Data / Items (batch = one per line)

hello from zapier

SHA256 (lookup; blank = hash Data)

64 hex chars

Public metadata JSON

{"source":"zap"}

Certificate (verify)

Email (signup)

ada@example.le.com

☐ includeAttached (query WORM)

☐ includeTree (query tree nodes)

INJECT FAULTS

Orange is the fault accent only.

☐ edge 401

☐ edge 402 quota

☐ chain timeout

☐ drop jobs.watch

☐ drop jobs.events

☐ all archives silent

☐ one tree node down

☐ recover (retry)

Delay chain ms

0

Delay archive ms

0

Run step

Reset world

SCENARIOS

Register

Lookup chain

Batch Merkle

Lookup leaf

Lookup tree

World is sticky: batch first, then lookup a leaf. Central lookup should miss; tree lookup should prove inclusion.

RESPONSE TO ZAPIER

```
{
  "jobId": "e95bf1cb-8385-4408-bf54-2755b9a96225",
  "status": "completed",
  "sha256": "180013f4e62fe286900e33a078cbd674ff46160c7c39f511a48b7d84200a4258",
  "existing": true,
  "receipts": [
    {
      "kind": "seal",
      "timestamp": "2026-09-11T21:55:52.275Z",
      "certificate": "mock-cert-e95bf1cb",
      "blockIndex": 1,
      "jobId": "e95bf1cb-8385-4408-bf54-2755b9a96225",
      "sha256": "180013f4e62fe286900e33a078cbd674ff46160c7c39f511a48b7d84200a4258"
    }
  ],
  "files": [],
  "archivesQueried": false,
  "archiveReplies": 0
}
```

```
0ms → zapier-platform-app perform zapier://action/timestamp_and_wait - Zapier cloud perform(z, bundle). HTTPS only.
0ms → zapier-edge auth HTTPS x-api-key
0ms → zapier-edge meter HTTPS - middleware - Rate card x tier - monthly credit
0ms → middleware-http POST /zapier/v1/timestamp/wait HTTPS /zapier/v1/timestamp/wait
0ms → verae-request-splitter splitRequest in-process - Chain gets hash only. Files/meta → archive.put
0ms → verae-chain-client lookup HTTPS api.veraetime.net (MOCK) - Already sealed - original receipt, no second write
0ms → middleware-http publish verae.zapier.jobs.watch
0ms → job-poller consume verae.zapier.jobs.watch
0ms → job-poller GET status HTTPS api.veraetime.net/status
0ms → job-poller publish verae.zapier.jobs.events
0ms → middleware-http wait verae.zapier.jobs.events
0ms → middleware-http response HTTPS 200
0ms → zapier-platform-app output zapier://action/timestamp_and_wait - Returned to Zap step / task history
```

MONITORS & SUGGESTED MODIFICATIONS

PASS 13 hops · 0 errors · 0 retries · 0 delays · 4 NATS-address hops

ASSUMPTION Zapier never publishes or subscribes to NATS — Zapier hops are HTTPS only

ASSUMPTION Main chain never receives file bytes or private metadata — chain payloads are hash/root only

ASSUMPTION Bloom miss produces no archive.reply packet — misses logged as silent with no reply address

ASSUMPTION archive.query is broadcast (not a shared queue group) — no archive query this run

No modifications suggested for this run.

04b-simulator-run.png

9

Customer service — review

http://127.0.0.1:3011/. Enter a customer id, Review account. Amounts are dollars.

STAFF · CUSTOMER SERVICE

Customer service

Look up a customer by name or id. Review prepaid balance, credits, usage, and payments. Credit amounts are in dollars.

CUSTOMER ID OR NAME

cust_1

Review account

Apply credit

AMOUNT (USD)

REASON

AGENT NAME

5.00

goodwill

cs

Apply credit

Credits write to account-balance. The customer sees dollars, not cents.

CUSTOMER

PREPAID BALANCE

CREDITS

SOURCE

cust_1

\$10.00

2

nats

Credits

AMOUNT	REASON	AGENT	WHEN
\$5.00	goodwill	cs	9/11/2026, 5:56:03 PM
\$5.00	goodwill	cs	9/11/2026, 5:55:56 PM

Usage

No usage yet

Nothing recorded for this customer yet.

Payments

No payments yet

Nothing recorded for this customer yet.

05-cs.png

Customer service — credit applied

Amount (USD) 5.00 → Apply credit. Prepaid and the credits table update in dollars.

STAFF · CUSTOMER SERVICE

Customer service

Look up a customer by name or id. Review prepaid balance, credits, usage, and payments. Credit amounts are in dollars.

CUSTOMER ID OR NAME

cust_1

Review account

Apply credit

AMOUNT (USD)

5.00

REASON

goodwill

AGENT NAME

cs

Apply credit

Credits write to account-balance. The customer sees dollars, not cents.

CUSTOMER

cust_1

PREPAID BALANCE

\$15.00

CREDITS

3

SOURCE

nats

Credits

AMOUNT	REASON	AGENT	WHEN
\$5.00	goodwill	cs	9/11/2026, 5:58:24 PM
\$5.00	goodwill	cs	9/11/2026, 5:56:03 PM
\$5.00	goodwill	cs	9/11/2026, 5:55:56 PM

Usage

No usage yet

Nothing recorded for this customer yet.

Payments

No payments yet

Nothing recorded for this customer yet.

05-cs-credit.png

Sales — review

http://127.0.0.1:3012/. Review account or Show quote. Quote is a named card, not a JSON dump.

STAFF · SALES

Sales
Review a customer's balance, credits, usage, and payments. Open a quote with names and dollar amounts — not a JSON dump.

CUSTOMER ID OR NAME
cust_2

Review account

Show quote

CUSTOMER
cust_2

PREPAID BALANCE
\$0.00

CREDITS
0

SOURCE
nats

Credits


No credits yet
Nothing recorded for this customer yet.

Usage


No usage yet
Nothing recorded for this customer yet.

Payments


No payments yet
Nothing recorded for this customer yet.

06-sales.png

Accounting — review

http://127.0.0.1:3013/. Review plus QuickBooks IIF / CSV export buttons.

STAFF · ACCOUNTING

Accounting

Review payments, usage, credits, and balances in dollars. Export invoices to QuickBooks IIF or CSV.

CUSTOMER ID OR NAME

cust_1

Review account

QuickBooks IIF

CSV

CUSTOMER

cust_1

PREPAID BALANCE

\$15.00

PAYMENTS

0

SOURCE

nats

Credits

AMOUNT	REASON	AGENT	WHEN
\$5.00	goodwill	cs	9/11/2026, 5:58:24 PM
\$5.00	goodwill	cs	9/11/2026, 5:56:03 PM
\$5.00	goodwill	cs	9/11/2026, 5:55:56 PM

Usage

No usage yet

Nothing recorded for this customer yet.

Payments

No payments yet

Nothing recorded for this customer yet.

07-accounting.png

Staff access plane

http://127.0.0.1:3025/. Same indigo review/credit UI after authz.

STAFF PLANE - AFTER AUTHZ

Staff access

CS / sales / accounting door. Review and credit go through verae.access.authz.check, then account-balance.
Amounts are dollars; the customer name is shown when the ledger has it.

CUSTOMER ID OR NAME

cust_1

Review account

Apply credit

AMOUNT (USD)

5.00

REASON

goodwill

AGENT NAME

cs

Apply credit

CUSTOMER

cust_1

PREPAID BALANCE

\$15.00

CREDITS

3

SOURCE

account-balance

Credits

AMOUNT	REASON	AGENT	WHEN
\$5.00	goodwill	cs	9/11/2026, 5:58:24 PM
\$5.00	goodwill	cs	9/11/2026, 5:56:03 PM
\$5.00	goodwill	cs	9/11/2026, 5:55:56 PM

Usage

No usage yet

Nothing recorded for this customer yet.

Payments

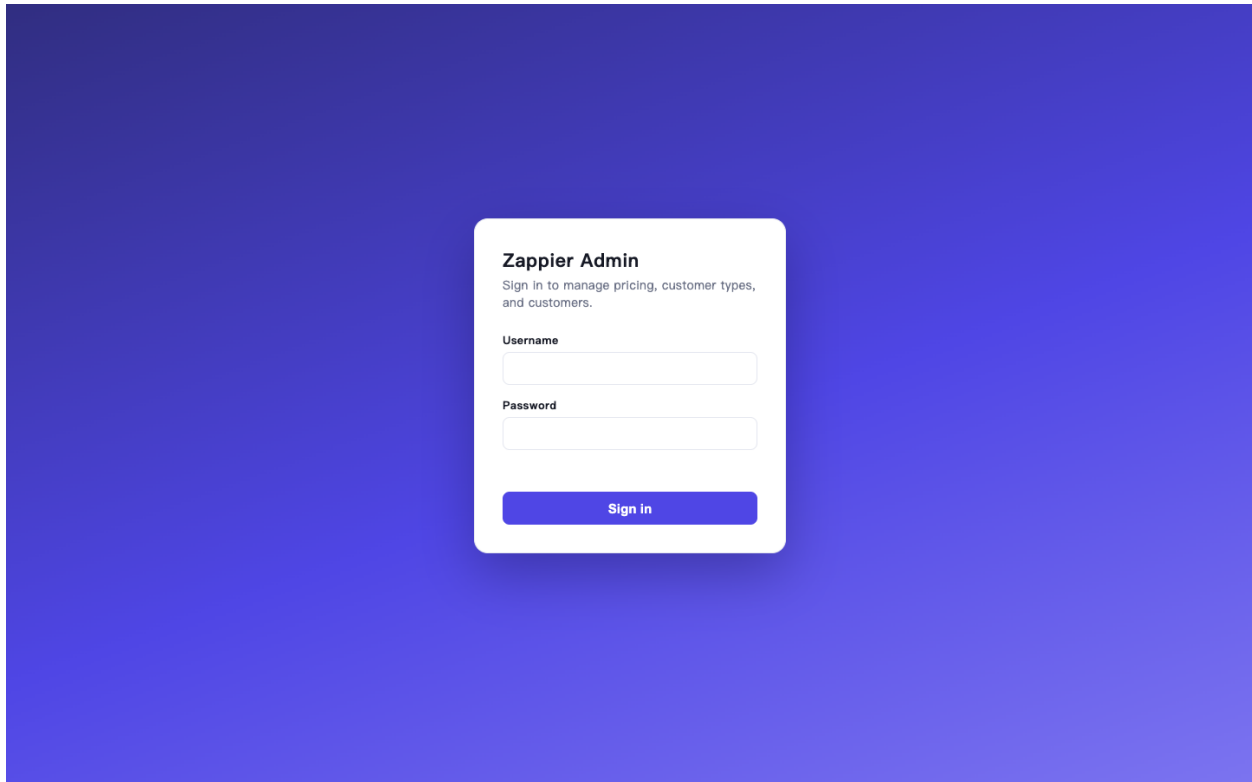
No payments yet

Nothing recorded for this customer yet.

08-access-staff.png

Admin — sign in

<http://127.0.0.1:3000/admin/>. Seed user admin / admin-dev-key.



09-admin-login.png

Admin — rate card

Landing tab after sign-in. Per-endpoint list prices.

Z Zapier

Rate card

Customer types

Customers

Statement

Invoices

Reports

System

Users

Sign out

Rate card

Per-endpoint list prices, in cents. Changes apply to the next API call — no restart.

ENDPOINT (OPERATIONID)	KIND	SET KIND	PRICES (CENTS)		
status	free	free		Save	Delete
storage-list	free	free		Save	Delete
transform	fixed	fixed	fixedCents 4	Save	Delete
add	free	free		Save	Delete
timestamp	fixed	fixed	fixedCents 4	Save	Delete
hash-lookup	free	free		Save	Delete
receipt	free	free		Save	Delete
storage	variable	variable	baseCents 10 perMbCents 50	Save	Delete

Add endpoint

operationId

fixed

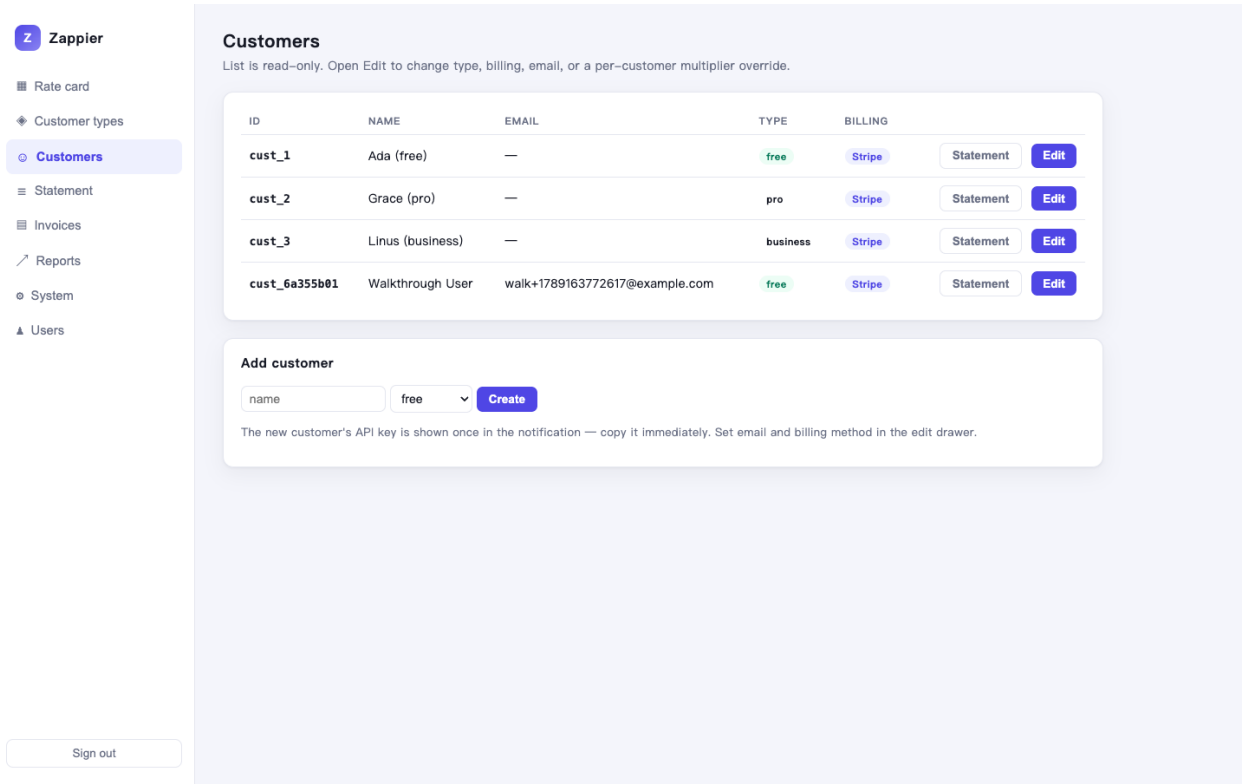
Add

The operationId must match an operation in openapi.yaml.

10-admin-rate-card.png

Admin — customers list

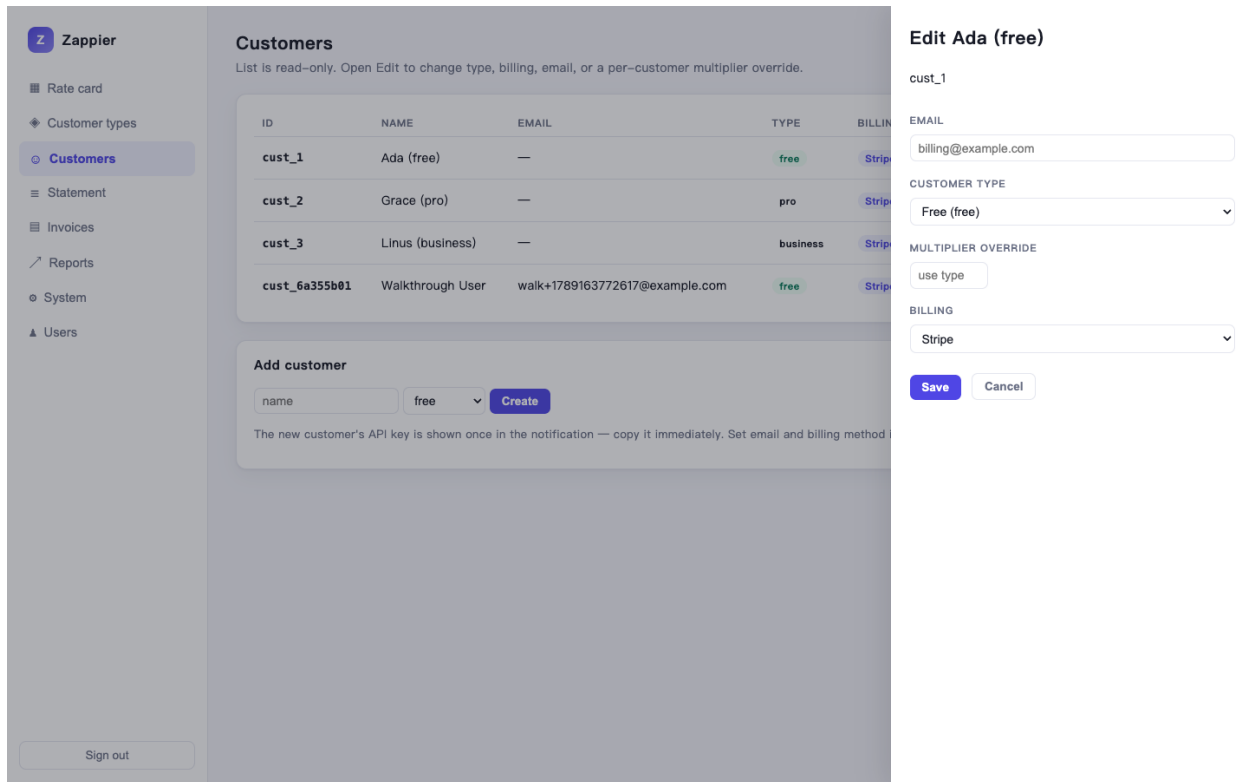
Read-only table: name, email, type, billing. Edit opens the drawer.



12-admin-customers.png

Admin — edit customer drawer

Change email, type, multiplier override, billing. Save or Cancel.



12b-admin-customer-drawer.png

Admin — invoices empty state

Illustrated empty state until a period is generated.

Z Zapier

■ Rate card

◆ Customer types

○ Customers

≡ Statement

■ Invoices

↗ Reports

○ System

▲ Users

Sign out

Invoices

Generate monthly invoices from metered usage, then issue and collect. Regenerating a period replaces drafts and skips issued/paid invoices.

Generate invoices

PERIOD

September 2026

📅

CUSTOMER

All customers

▼

PO NUMBER (OPTIONAL)

PO-1234

Generate

CUSTOMER

All customers

▼

PERIOD

📅

STATUS

Any

▼

Refresh

📄

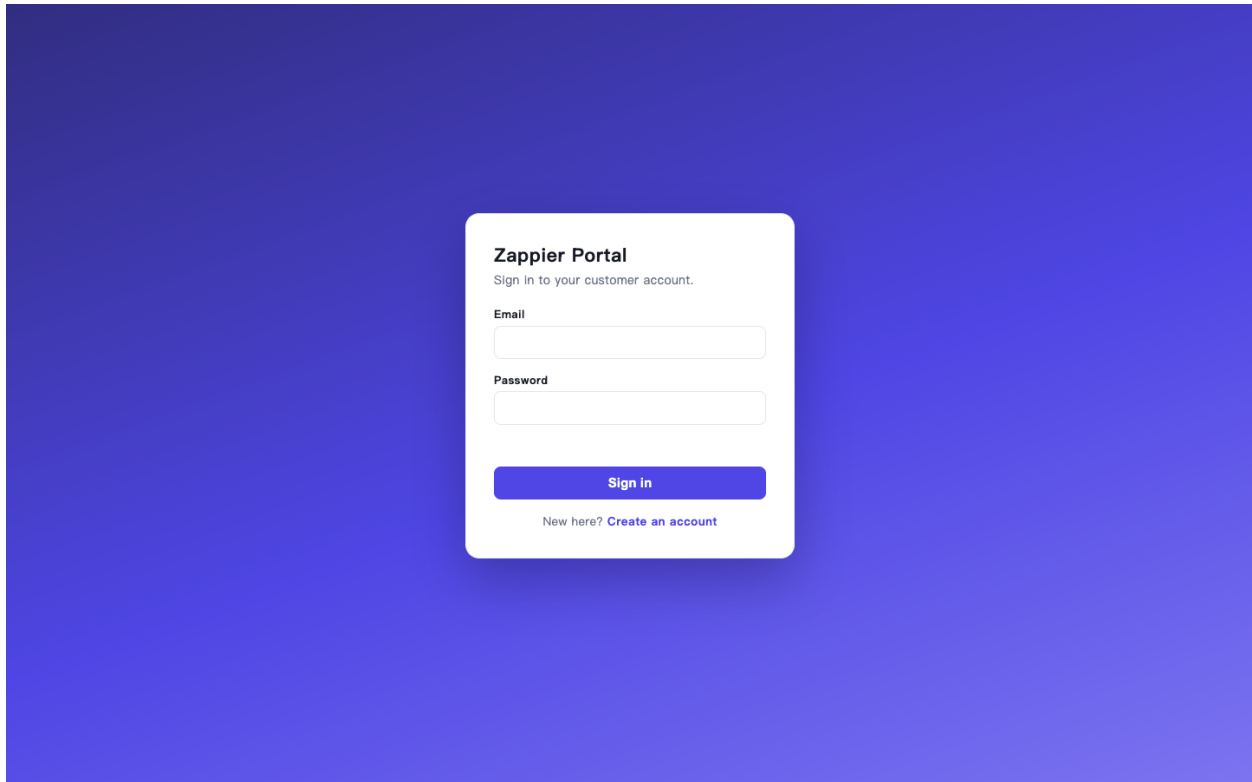
No invoices yet

Generate a period above. Issued invoices keep their numbers; drafts can be replaced.

14-admin-invoices.png

Portal — sign in / create account

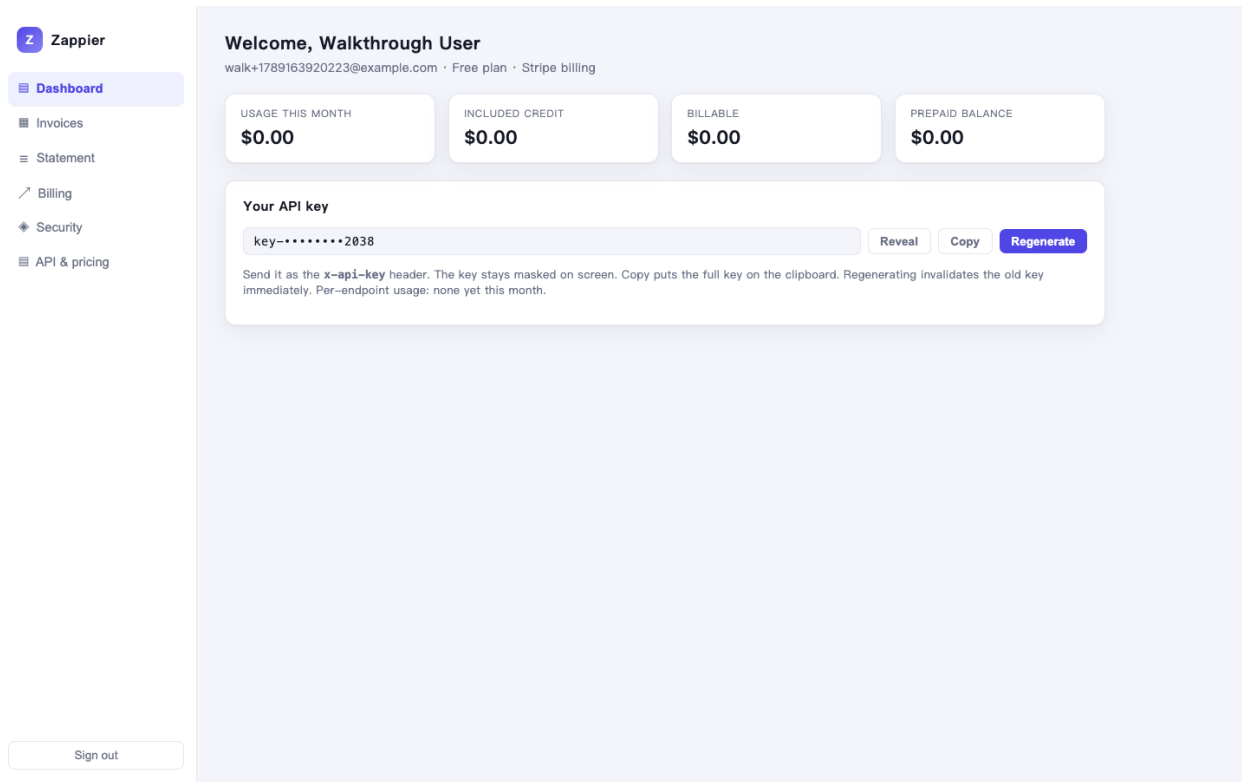
<http://127.0.0.1:3000/portal/>. Create an account or sign in.



16-portal-login.png

Portal — dashboard

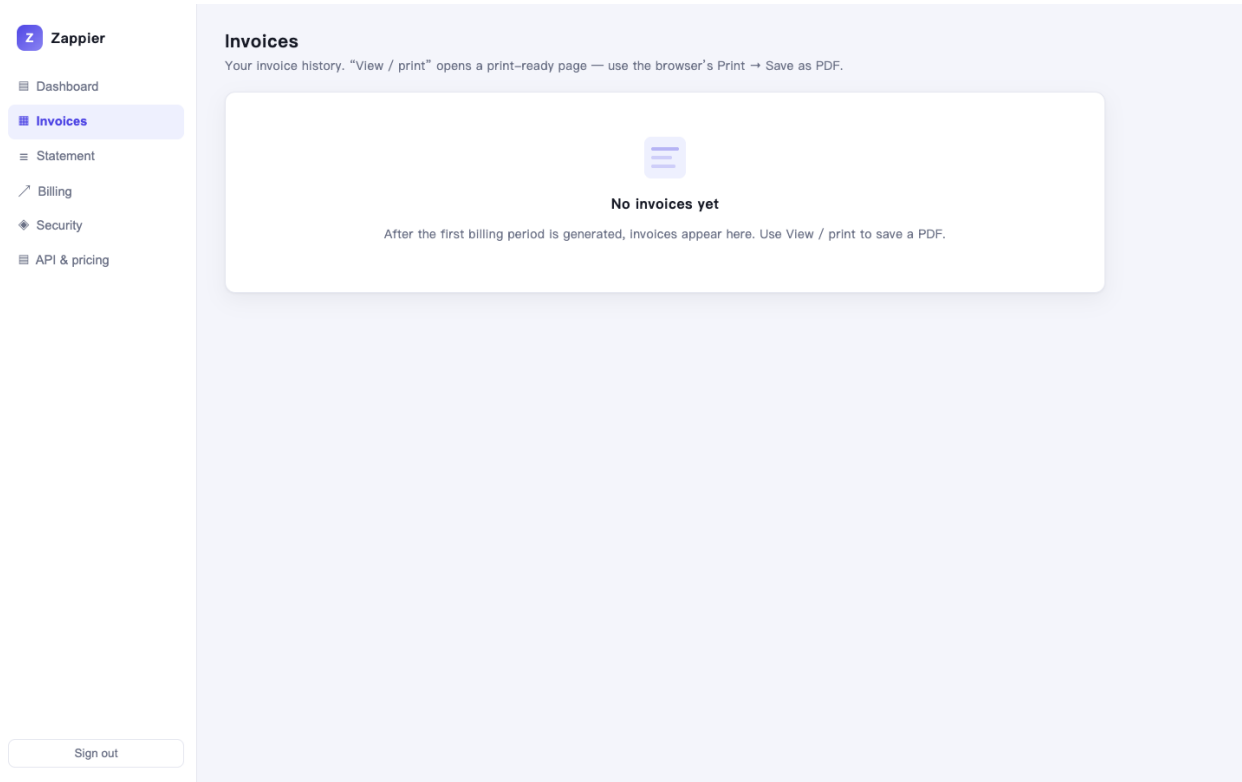
API key is masked. Reveal, Copy, or Regenerate. Copy puts the full key on the clipboard.



17-portal-dashboard.png

Portal — no invoices yet

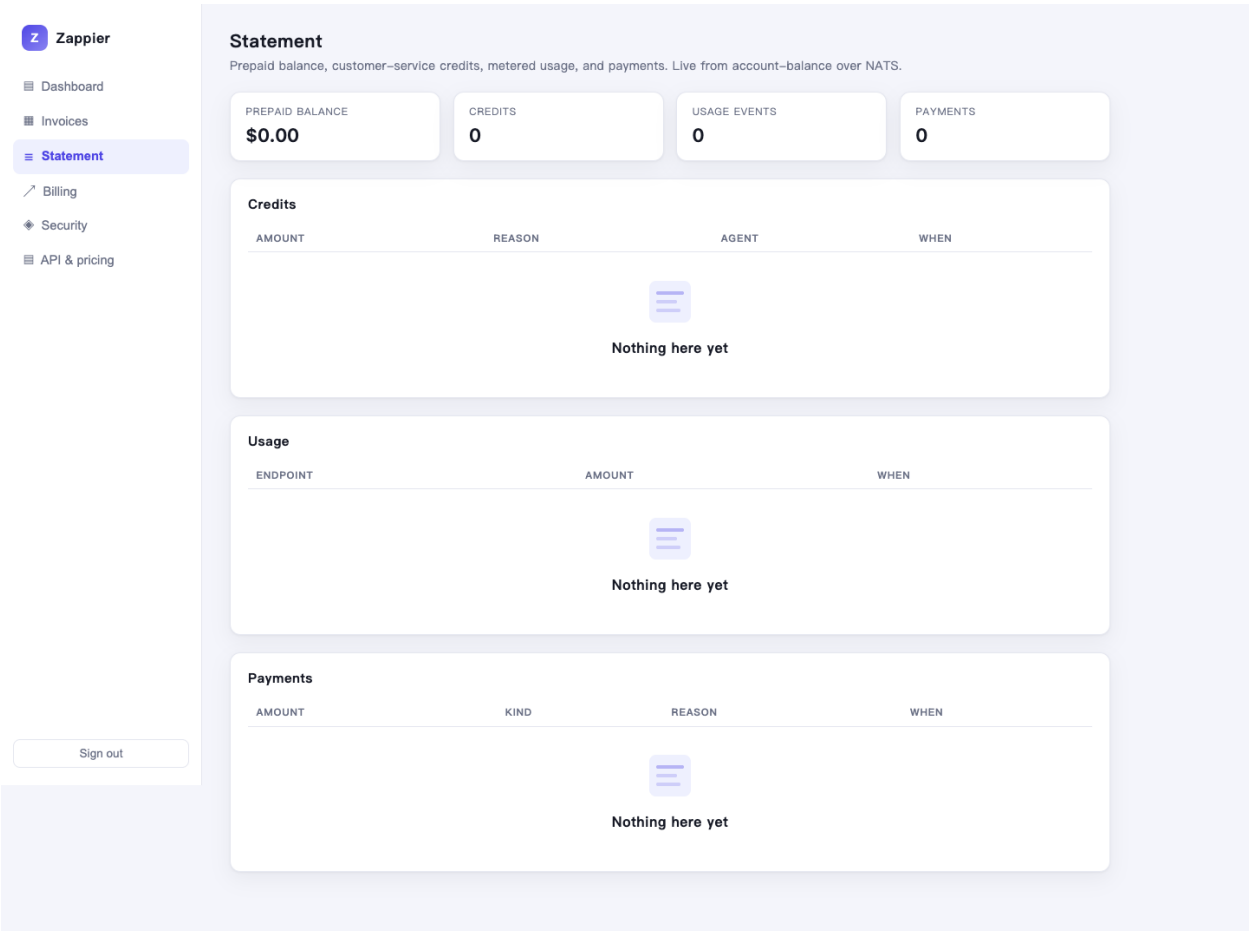
Empty-state illustration instead of a blank table row.



18-portal-invoices-empty.png

Portal — statement

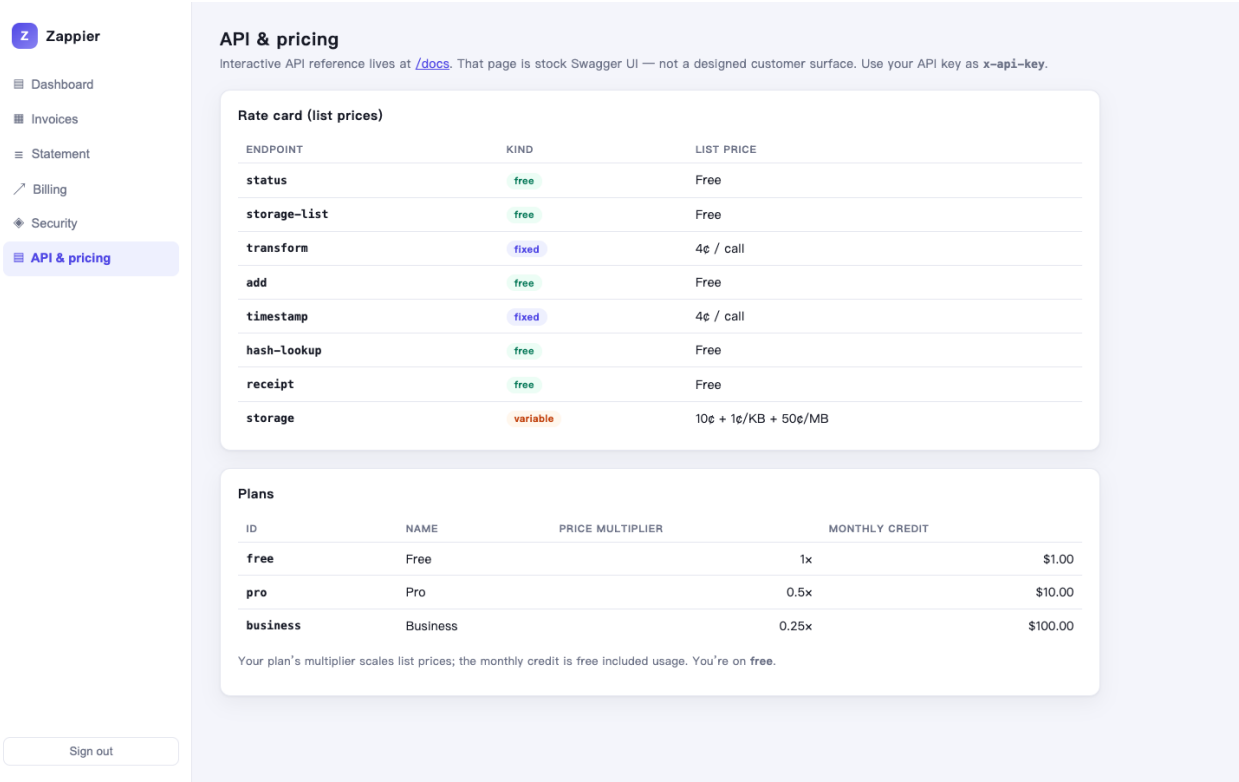
Prepaid, credits, usage, payments in dollars.



19-portal-statement.png

Portal — API & pricing

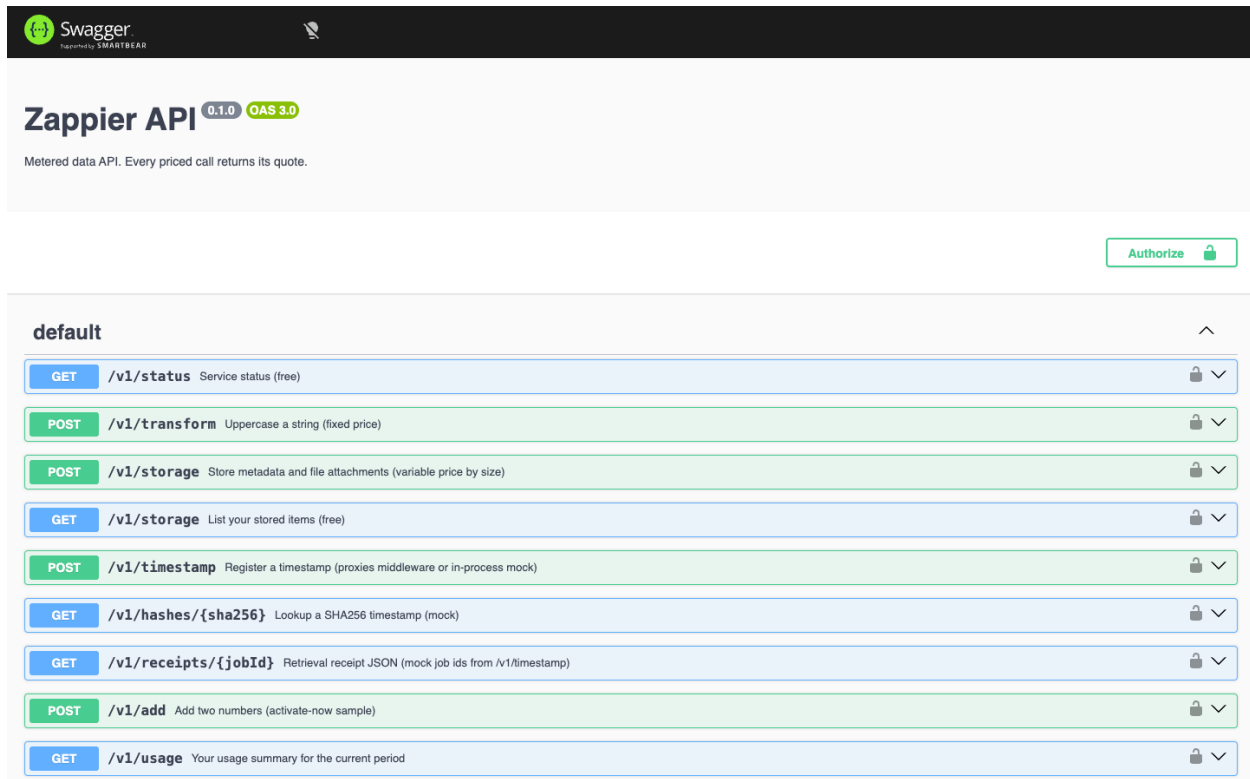
Notes that /docs is stock Swagger UI, not a designed customer surface.



20-portal-api-pricing.png

Swagger /docs (stock)

Left as vendor Swagger. Do not treat it as the customer portal.



Swagger
Powered by SMARTBEAR

Zappier API 0.1.0 OAS 3.0

Metered data API. Every priced call returns its quote.

Authorize

default

GET	/v1/status	Service status (free)	🔒	▼
POST	/v1/transform	Uppercase a string (fixed price)	🔒	▼
POST	/v1/storage	Store metadata and file attachments (variable price by size)	🔒	▼
GET	/v1/storage	List your stored items (free)	🔒	▼
POST	/v1/timestamp	Register a timestamp (proxies middleware or in-process mock)	🔒	▼
GET	/v1/hashes/{sha256}	Lookup a SHA256 timestamp (mock)	🔒	▼
GET	/v1/receipts/{jobId}	Retrieval receipt JSON (mock job ids from /v1/timestamp)	🔒	▼
POST	/v1/add	Add two numbers (activate-now sample)	🔒	▼
GET	/v1/usage	Your usage summary for the current period	🔒	▼

21-swagger-stock.png

PDF catalog

<https://zapier.georgelambert.org/> uses system-ui on the indigo header, not Georgia.

[illegible]

Revalidation

Second full walkthrough after favicon, amount-column alignment, and Fleet form/overflow fixes: 32 screenshots, 0 application console errors. Surfaces are visually consistent (indigo, 12px radius, dollars). Tasks (review, credit, quote, edit customer, mask key, run trace) are obvious from primary buttons. Remaining work is identity join, staff auth, and catalog IA — listed above.