optakt

MONTHLY REPORT · 1-30 APRIL 2026

What the agent took care of.

April 2026: one month of an Optakt agent working for one founder, sixteen roles, the results in each, and the work behind them.

April 2026.

This edition covers one month of an Optakt One agent working for Max Wolter, founder of Optakt. In April the agent ran under an earlier name, Maximus, on its own server. A sibling agent, Boltagon, worked alongside it, and its knowledge was reconciled into this agent's memory during the month. Both paths later converged into Zero on 1 October 2026.

The month had three threads. The first was the product itself. The agent spent most of its hours making its own runtime dependable: many model providers with fallback, restarts that lose nothing, context that compacts without looping, tasks and schedules that behave, and a search that finds what it knows. The second was intellectual property. Thirteen provisional patent applications went from first discussion to filing in under a week. The third was the first paying client, a law firm, whose agent was brought up on the client's own cloud account.

Around those threads ran the rest of a founder's month. The launch website, public writing on X, briefings for portfolio meetings, mail archives turned into searchable records, filings for three companies, and household matters in Portugal.

Roles are ordered by the weight of the month's work. Figures are outcomes, not effort. Client, legal, financial and family matters are described in general terms, and clients and private people are named by role.

SUMMARY

The month at a glance.

Optakt One

33.9% → 66.3% — prompt-cache ratio after the breakpoint redesign

~98% — clean entity extraction, from 37%

~5 s — automatic recovery after a restart

Optakt Labs

13 — provisional patent applications filed

1 — first paying client in delivery

1 — mutual NDA on file

Founder

45,118 — Gmail threads fetched for import

57.1K — views on one positioning reply

1 — long-form article published

Operations

6 — portfolio briefings delivered

3 — signed development reports

28 — report files made searchable

16	4	30	1
ROLES	AREAS	DAYS	AGENT

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Sixteen roles.

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01 OPTAKT ONE

Software engineering team

Builds the product itself: an agent that remembers, runs on the customer's machine and works with any model.

33.9% → 66.3%

prompt-cache ratio, with cache writes down 27% per step

63% → ~2%

noise in the knowledge graph after extraction was rebuilt

~97 min → ~90 s

to re-embed all memory and archive

WHAT IT TOOK CARE OF

01 A model pool with fallback across Claude, Codex, Gemini, MiniMax, AWS Bedrock, Grok, DeepSeek and Kimi, with models discovered at start-up

02 Context management rewritten: deterministic collapse, then compact and fold; a ~65% token undercount fixed; overflow death loops ended

03 Restarts that lose nothing: engine and connectors exit and come back in about 5 seconds, suspended tasks resume, and failed workloads retry with backoff

04 Task system rebuilt: status separate from phase, one conversation per task, priorities, operator preemption, and a schedule manager for cron, interval and one-shot runs

05 Memory and archive search rebuilt on keywords, an entity graph and embeddings; a search for 'VTP' went from 2 to 9 relevant blocks in the top 9

06 Multi-user support: roles, login with forced first password change, per-user sticky memory, and a dashboard with Tasks, Schedules, Users and live updates

07 Schema and memory migrations applied automatically on upgrade, so other deployments evolve cleanly

WHERE IT STANDS

The agent runs on many model providers with fallback, survives restarts without losing work, and finds what it knows by keyword, entity and meaning.

02 OPTAKT LABS

Intellectual property

Turns the architecture into patents on file, protected from early disclosure, with the research behind every claim.

13	242	~399
provisional patent applications filed on 19 and 20 April	claims across the first twelve specifications	prior-art entries reviewed across the family

WHAT IT TOOK CARE OF

01 Twelve specifications drafted, outlined, audited and rewritten as filing documents within days, then filed together on 19 April

02 A thirteenth, on multi-tenant memory access control, taken from idea to filing on 20 April

03 Two prior-art passes across ten sources: every patent has at least one property with no prior art found

04 Specifications checked against the running code (173 statements) and against each other (84 consistency checks)

05 Public surfaces audited before filing: 32 disclosures classified across the website, GitHub and X, and publications held back

06 Filing documents timestamped on Bitcoin and Ethereum, and the full IP archive prepared for trusted parties

WHERE IT STANDS

Thirteen provisional applications are on file, with utility conversion due by April 2027.

03 OPTAKT ONE

Release and quality engineering

Gets every change from a branch to a customer's machine without breaking what already runs.

52	5	30
migrations verified to replay identically	repositories released together, with no untagged commits	self-cleaning stress tests for tasks and schedules

WHAT IT TOOK CARE OF

01 Deploy discipline: a feature branch is deployed and proven live before it is merged, tagged and redeployed

02 Migrations made idempotent and checked against a throwaway database after two crash-loop incidents

03 The context-overflow death loop fixed under adversarial tests, 7 of 8 of which fail against the old code

04 Search hangs of several hours traced to a graph-query deadlock and a connection leak, then fixed at the root

05 Task and schedule system stress-tested, with four runtime bugs fixed the same day

06 A type check added to the dashboard build, which caught 10 latent errors on its first run

WHERE IT STANDS

Every release is verified on a branch first, and a fresh install matches an upgraded one.

04 OPTAKT ONE · OPTAKT LABS

Client delivery

Stands up the agent on a client's own infrastructure and connects it to the tools the client already uses.

1	2	Hourly
law-firm deployment running in the client's own cloud account	client connectors built: Microsoft 365 and Asana	mail and calendar feed into the client's agent

WHAT IT TOOK CARE OF

01 Gap analysis for the first paying client, with milestones and 56 new issues across the repositories

02 A hardened server: SSH-only access, a restricted agent user, scoped permissions and per-repository deploy keys

03 Models and embeddings through AWS Bedrock in the US region, with caching and model fallback verified

04 A Microsoft 365 connector with a verified publisher domain, reading new mail and calendar changes every hour

05 Users, roles and role-specific onboarding set up for the client's team

06 Confidentiality reviewed: only the expected network ports exposed

WHERE IT STANDS

The client's agent runs on its own cloud account with users, roles and a mail and calendar feed. Microsoft publisher verification is pending.

05 OPTAKT ONE · FOUNDER · OPERATIONS

Records management

Keeps the agent's archive and memory accurate, and turns old mail into dated, searchable records.

45,118
Gmail threads fetched and batched for import

22,328
messages from four ProtonMail accounts deduplicated and threaded

427
archive entries audited against the live database

WHAT IT TOOK CARE OF

01 The whole archive reviewed in date order, with narrow amendments and a correction note on each

02 Memory audited across 16 namespaces and reduced from 88 to 83 blocks, with consistent naming and a registry

03 Mail import pipelines for Gmail and four ProtonMail accounts, still running at month end

04 Mail from February to June 2021 indexed by topic, including the founding timeline of the Estonian company

05 The caching and compaction design condensed from 1,223 messages into one document about 60% smaller

06 A policy on where knowledge belongs: sticky blocks for current truths, reference blocks for history, the archive for facts

WHERE IT STANDS

The archive is reconciled, memory is audited, and the founder's mail history is becoming dated records.

06 OPTAKT ONE

IT, infrastructure and security

Runs the machines, accounts and services the work depends on, including the agent itself.

5

repositories moved to a self-hosted forge, with 732 issues, 133 tags and 98 milestones verified

~1.1 GB

measured steady-state memory, which sets subscriber instance size

87%

of model API cost traced to cache writes

WHAT IT TOOK CARE OF

01 A self-hosted Git forge on company hardware behind a dedicated proxy, SSH only; the GitHub copies were removed

02 Database out-of-memory crashes during bulk imports traced to the memory allocator and fixed on both instances

03 A second deployment for a family member installed clean from tagged releases

04 Instance size measured on live servers rather than guessed

05 Model spend analysed from the provider's own report, with subscriptions restructured so quota lasts the week

06 Empty memory labels rejected by both service and database, as a guard against corrupted tool calls

WHERE IT STANDS

Code lives on company hardware, the databases survive bulk imports, and instance sizes are measured.

07 OPTAKT ONE

Product research and strategy

Decides what to build next from evidence: how others built it, what users report, what our own data shows.

3	20	8
plans defined: Personal, Professional, Enterprise	plan gaps tracked as issues	caching and compaction decisions recorded with reasoning

WHAT IT TOOK CARE OF

01 Core designs completed: caching and compaction, sleep-cycle memory maintenance, credential security, and research-gated execution

02 Go-to-market: isolated instances per subscriber, bring-your-own API key, and a four-stage rollout

03 Each plan's gaps against the current product turned into milestones and issues

04 Positioning against coding agents, self-hosted harnesses and managed agents, with three differentiators

05 Designs for adaptive task gates, domain events, and tasks separated from schedules

06 Client requirements captured for a team onboarding in early June

WHERE IT STANDS

The launch has three plans and a rollout path, and every gap is tracked as an issue.

08 OPTAKT ONE · FOUNDER

Web studio

Writes, designs, builds and ships the websites, with a preview for every change.

12	13	3
routes live on a new site for a surgical clinic	patents listed on a public patents page	plans on the launch site, with a working waitlist

WHAT IT TOOK CARE OF

01 A new site for a minor-surgery clinic, with an estimate-first enquiry flow and structured data, revised after the owner's review

02 optakt.io rewritten around 'teachable AI that compounds', with architecture, memory and sleep-cycle diagrams

03 Pricing by visitor location, a single-field waitlist connected to the email platform, and an enterprise contact form

04 Mechanism detail removed before filing, then copy aligned to the patent terms

05 A patents page and a public repository that mirrors it

06 Privacy statement and terms for the EU and the US

WHERE IT STANDS

Two sites are live: the clinic's, and optakt.io with pricing, waitlist, patents and legal pages.

09 FOUNDER · OPTAKT ONE

Social media manager

Gets the work in front of people, on the platforms where they are.

57.1K	34	1
views on one positioning reply	posts in the longest thread published	long-form article published after filing

WHAT IT TOOK CARE OF

01 New bio and a 12-post pinned thread, consistent with the website

02 Threads drafted in the founder's voice and published through the X API

03 The 'First Principles of AI' article held until the patents were filed, then published

04 A daily reply routine: liked but unanswered posts, a 280-character check, and drafts ready to copy

05 A drop in reach documented and raised with the platform; normal distribution returned

06 A planned public campaign stopped before publication when the fault it described turned out to be internal

WHERE IT STANDS

The founder's account tells one story across bio, pinned thread and site, with a reply routine he can run daily.

10 ALL PROJECTS

Research analyst

Answers questions from primary sources, with every claim traceable to where it came from.

28
development report files made searchable, 174 images described

1,800+
posts collected on a platform-wide event

17
retrieval benchmarks surveyed for a planned paper

WHAT IT TOOK CARE OF

01 A research toolkit: shared wrappers with retry and rate limits, and a playbook for which source to use when

02 Portfolio development reports converted to text and turned into briefings

03 The reaction to X's auto-translation rollout monitored across languages and recorded in phases

04 The agent and memory landscape compared against Optakt

05 A viral 'perfect memory' claim checked against its paper and judged overstated

06 Contacts profiled from public sources before meetings

WHERE IT STANDS

Each source type has a playbook, and briefings are ready before each meeting.

11 OPTAKT ONE

Agent self-development

Keeps the agent's own rules, memory and habits correct, learning from what went wrong.

53 h	~39	1
of conversation mined in the first full dreaming pass	decisions and principles recovered from that pass	voice guideline made permanent

WHAT IT TOOK CARE OF

01 Dreaming passes over conversation history, turned into a playbook and later into pipeline tasks

02 Standing rules: log everything built, never complete a task outside assessment, verify before claiming done

03 Memory reconciled with what actually runs on the server

04 Database and deployment lessons written down after incidents

05 A persistent voice guideline for writing without AI tells

WHERE IT STANDS **Lessons become rules in memory, so mistakes are not repeated.**

Sales and business development

Turns a personal network into a pipeline, and the product into an offer people can buy.

1	1	3
first paying client engagement under way	talk confirmed for 20 May in Lisbon	priority targets for coalition outreach

WHAT IT TOOK CARE OF

01 Kickoff call with the new client prepared, and the first-spike proposal judged deliverable within days

02 Roadmap and early-access outreach sent to partners and prospects

03 Outreach to a prominent AI voice, asking for a call and linking the patents page

04 Meetup talks prepared: one confirmed, one called off, and one not reached because earlier speakers overran

WHERE IT STANDS

A first paying client in delivery, a confirmed talk in May, and outreach under way.

13 FOUNDER

Executive assistant

Keeps mail, calendars and the task list current, so attention goes only where it is needed.

2	1,579	4
servers with mail, calendar and drive access	contacts available to the agent	jurisdictions compared for contingency planning

WHAT IT TOOK CARE OF

01 Days planned around priorities, with the founder kept on them

02 Briefings and acceptance guidance for portfolio development meetings

03 Google Workspace access set up for two accounts

04 Platform enrollments and identity checks chased with support

05 Travel itinerary and a home internet move handled

WHERE IT STANDS **Meetings arrive briefed and priorities are set each day.**

14 OPERATIONS · OPTAKT LABS

Accounting and compliance office

Keeps the books, filings and reporting of several companies current and consistent.

3	3	6
companies' April documents filed for bookkeeping	signed development reports for a venture partner	portfolio reports sequenced for review

WHAT IT TOOK CARE OF

01 Invoices, receipts, statements and payroll documents filed by company

02 The Estonian company's annual renewal and KYC review handled with its registered agent

03 April services invoiced to a partner

04 Development reports corrected, signed and documented as a repeatable workflow

WHERE IT STANDS

April's documents are filed by company, and partner reporting follows a written process.

15 OPTAKT LABS · FOUNDER · OPERATIONS

Legal support

Carries the file: preparation, deadlines and follow-through, with lawyers advising.

1	1	1
mutual NDA on file	confidentiality review for a law-firm deployment	succession arrangement drafted for the IP

WHAT IT TOOK CARE OF

01 A mutual NDA and hosting conditions filed

02 A governance matter briefed to counsel and its documents archived

03 IP escrow and digital succession explored with advisers, with drafts for trusted parties

04 Data privacy for the law-firm deployment assessed, with one critical setting identified

WHERE IT STANDS **Agreements are on file and counsel is briefed.**

16 FOUNDER · OPERATIONS

Household and family office

The administration of a family living in Portugal.

6	10 of 22	1
step action plan for a property matter	wines on a restaurant list rated in one pass	family gathering booked

WHAT IT TOOK CARE OF

01 A property matter followed up, with an action plan and correspondence drafted

02 Rent correspondence handled, and utility and relocation documents filed

03 A wine toolkit built from ratings and the founder's taste

04 Travel-day questions answered on the road

WHERE IT STANDS **Household matters are followed up and their documents archived.**

METHOD

How this report was made.

Period. 1–30 April 2026.

Sources. The agent's archive of what happened, the founder's own messages to it, its conversation summaries, the product repositories and their issues, the documents filed and the mail sent that month. Every record of the month was read.

Figures. Each number is a result: something live, decided, published, filed or made searchable. Counts of internal effort are left out.

Roles. The roles overlap by nature. A task appears under the role it served most.

Discretion. Private, financial and legal matters are described in general terms. No personal data of third parties appears in this report.

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OPTAKT ONE

Sixteen roles, carried at once, by one agent with one memory.

It runs on your own machine, works with any model and remembers for years. Free for one person.

INSTALL IN ONE LINE

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