optakt

MONTHLY REPORT · 1–31 MAY 2026

What the agent took care of.

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

May 2026.

This edition covers one month of an Optakt One agent working for Max Wolter, founder of Optakt. In May the work was done by Zero's predecessors. The production agent ran on four engines named after earlier agents (Boltagon, Maximus, Mahatma and Optakt). Boltagon, an earlier agent that had been offline for six weeks, was brought back on 4 May with its memory and history intact. From then on it served as the staging agent that receives every change first.

The month had two halves. In the first, the self-hosted agent was hardened. It moved from one engine to four, and work now re-routes when an engine is rate-limited. It gained an encrypted secret store, an email connector and a reworked dashboard. Its first enterprise client, a law firm, was supported on its own deployment.

In the second half, the platform was rebuilt from the protocol up as version 2, and a managed cloud offering was built alongside it. On 23 May a Telegram message travelled through the new stack and came back with an answer. By the end of the month, a subscriber could press Launch and have a working agent in seconds. On 26 May the production agent itself moved off the cloud onto the founder's own machine.

Around the engineering, the agent also handled the rest of the founder's month. That included partnership agreements and a Microsoft partner enrollment, research, public writing on X, the month's company records, correspondence with counsel and household matters in Lisbon. Legal, tax and personal matters are described here in general terms only.

Roles are listed by their weight this month. Figures are outcomes taken from the month's records. Where a piece of work was designed but not yet built, the text says so.

SUMMARY

The month at a glance.

Optakt One

v2 — Core, Engine and Messenger rebuilt and answering end to end

9.4 s — from Launch to a working subscriber agent on Optakt Cloud

27,145 — records of an earlier agent migrated and validated

Optakt Labs

1 — partnership agreement drafted in full and delivered as PDF

1 — term sheet proposal filed with a partner

1 — mutual NDA reviewed

Operations

2 — countries' company register records brought current

May — invoices, receipts and statements filed per company

1 — standing rule on how the agent acts on client systems

Founder

4 months — of email backlog triaged into one prioritised view

15 — -post thread published on the founder's X account

1 — festival talk drafted and submitted

15	4	31	1
ROLES	AREAS	DAYS	AGENT

Fifteen roles.

01	Software engineering team	Optakt One	05
02	Cloud platform engineering	Optakt One	06
03	Release and quality engineering	Optakt One	07
04	IT, infrastructure and security	Optakt One · Operations	08
05	Client deployment and support	Optakt One · clients	09
06	Product research and strategy	Optakt One	10
07	Knowledge and memory management	Optakt One	11
08	Research analyst	All projects	12
09	Web studio	Optakt One	13
10	Social media manager	Founder · Optakt One	14
11	Sales and business development	Optakt One · Optakt Labs	15
12	Legal support	Optakt Labs · Operations	16
13	Executive assistant	Founder	17
14	Accounting and compliance office	Operations	18
15	Household and personal life	Founder	19

01 OPTAKT ONE

Software engineering team

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

v2	4	256k
Core, Engine and Messenger rebuilt on a new protocol and answering end to end	engines serving the production agent, with work re-routed away from rate-limited ones	context cap, held by automatic collapse, compaction and merge

WHAT IT TOOK CARE OF

01 Version 2 rewrite of the platform: Protocol v2.0.0 in four isolated protocols, a stateless multi-tenant Engine running each workload in a sandboxed workspace, and Core rebuilt around workspaces with about 28,000 lines of legacy code removed

02 A new Telegram messenger as its own service: webhooks, typing indicator, replies streamed token by token, and the final message replacing the streamed one

03 Context reduction for long conversations: old tool output collapsed, Compact and Merge workloads run as needed, and one tunable rule weighs space saved against cache cost

04 Version 1 hardened as a fleet: four engines, each reporting its models and free slots, rejected work re-dispatched within the same second, and silent message drops removed at the root

05 An encrypted per-user secret store: secrets are injected into shell commands on demand and never enter the conversation, responses or logs

06 Dashboard rework: file upload with live status, live-updating pages, reply threading, inline titles with automatic naming, and the model shown on each message

07 An email connector feeding 4 mailboxes into the agent as conversations, with 9,454 existing emails tracked on the first scan

WHERE IT STANDS

Version 1 runs as a four-engine fleet, and version 2 holds conversations end to end with context reduction built in.

02 OPTAKT ONE

Cloud platform engineering

Builds the managed Optakt Cloud, where a subscriber gets a private agent without running a server.

9.4 s	23 May	0
from Launch to a working subscriber agent	first end-to-end reply on Optakt Cloud, Telegram to model and back	static credentials in the provisioned services

WHAT IT TOOK CARE OF

01 A separate cloud account set up with least-privilege access, cost alerts, a segmented network and delegated DNS

02 A Nomad cluster with Vault (auto-unsealing, survives restarts) and service discovery by stable names

03 An Engine node moved from bare metal to a small virtual machine with nested virtualisation for microVM sandboxes

04 Provisioning in one call: database, schema, secrets, Core, Engine and routing, with any failure cleaned up and no double provisioning

05 A deprovisioning path that tears down a whole deployment, including the pieces left by a failed one

06 A gateway design with token checks at the edge, at the gateway and in Core, behind DDoS protection

07 Health checks on every service, and about 55 cloud resources documented as reference infrastructure code

WHERE IT STANDS

A subscriber enters a model key and a bot token, presses Launch, and has a working agent in seconds.

03 OPTAKT ONE

Release and quality engineering

Gets every change from a branch to a running agent without breaking what already runs.

6	8/8	2 × 2
repositories releasing automatically from a tag	integration test categories passed with no regressions	Linux and macOS builds, each for amd64 and arm64

WHAT IT TOOK CARE OF

01 A staging-first rule: the production agent never deploys itself, and changes are proven on the staging agent before the founder promotes them

02 CI/CD on the self-hosted code forge: tagged pushes build binaries and releases, pre-push hooks block duplicate tags, and source archives are removed from releases

03 A full verification across all repositories: 831 Core tests passing with race detection, a real data race fixed, and coverage gaps filed as issues

04 Incidents handled and turned into rules: two crash-looping migrations rolled back, and about 17,000 foreign records removed from the production archive

05 A rule that a review must see a concrete commit, diff or binary before accepting a subtask as complete

06 An outside AI-governance diagnostic run: 7 of 7 structural checks passed, and the gap between declared and enforced governance identified

WHERE IT STANDS

Every deployed binary comes from a CI-built, tagged release that was proven on staging first.

04 OPTAKT ONE · OPERATIONS

IT, infrastructure and security

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

277
conversations restored after the agent moved onto the founder's machine

4
agent databases backed up and verified before leaving the cloud

0
source code left on cloud instances

WHAT IT TOOK CARE OF

01 The production agent moved from the cloud to the founder's own machine on 26 May, and the old server was wiped and terminated

02 The self-hosted code forge put behind a fixed proxy on a private network, reboot-tested, then moved to Postgres and upgraded

03 Credentials removed from the agent's memory and disk and moved into the secret store, with playbooks rewritten to inject them

04 Two deployment profiles defined: full access for the company's own machines, and a sandboxed agent for customer machines

05 One SSH key per agent, stray key copies cleared, and forge access limited to the founder, the agent and the CI runner

06 A test deployment of version 2 on the forge server, with the Telegram webhook exposed through the proxy

07 Network access fixed so the private network and a commercial VPN work side by side on the founder's machine

WHERE IT STANDS

The agent runs on the founder's own hardware, the forge is private and reachable, and no source code sits in the cloud.

05 OPTAKT ONE · CLIENTS

Client deployment and support

Puts the agent to work inside a client's organisation and keeps it running there.

6,685
tasks synced from the client's project tool, with incremental syncs in under 2 s

11 h
client-side silence ended by a recovery fix

193K → 121K
tokens in one client conversation once compaction worked

WHAT IT TOOK CARE OF

01 A law-firm client's project workspace connected through an incremental sync, verified end to end

02 Microsoft 365 email and calendar access built for the client with two scoped apps; the connector waits on the client's credentials

03 Compaction and model-slot handling fixed on the client's cloud models, so one exhausted model no longer blocks another

04 The client's enterprise installation repaired: a crash loop, model-ID mismatches and filenames with umlauts

05 A partner's agent repaired: its email pipeline no longer overflows, and its lost recent context was restored

06 A data-protection check on running a US client solely on models hosted in its own region

07 The engagement split into four project tracks and a two-phase plan for the next phase

WHERE IT STANDS

The first enterprise client's agent compacts, recovers and reads the client's work data, and its next phase is scoped.

06 OPTAKT ONE

Product research and strategy

Decides what to build next from evidence and turns it into designs the team can build.

4

subscription tiers defined: Free, Premium, Professional, Enterprise

12

sandbox runtimes compared before choosing microsandbox

6

managed Postgres providers checked; none fit, so the fleet is self-managed

WHAT IT TOOK CARE OF

01 The managed product defined: tiers, onboarding from sign-in to a running agent, tier-gated tools, and connectors built on official CLIs and the secret store

02 A workspace model: every workload has a conversation and a volume, and the free tier gets one persistent workspace

03 Compaction design settled on four inputs and one tunable dial, with a safety valve

04 A modular enterprise dashboard with a legal module first, and a five-phase plan to integrate an open-source legal frontend

05 Per-user isolation for teams: memory private by default, sharing explicit, a shared knowledge graph

06 The roadmap ordered with the founder, and positioning written down: knowledge quality over data volume

WHERE IT STANDS

Version 2 and the managed product have agreed designs, tiers and an ordered roadmap.

07 OPTAKT ONE

Knowledge and memory management

Keeps the agent's own memory accurate, lean and complete, and carries it across systems.

27,145

records of an earlier agent migrated and validated with zero errors

85 → 75

active memory blocks, about 150K tokens freed

26,793 → 1,828

tokens in the always-loaded working-principles block, every lesson kept

WHAT IT TOOK CARE OF

01 An earlier agent brought back online on 4 May with 88 memory blocks and 10,097 archive entries, and made the staging agent

02 Its memory groomed from 88 to 76 blocks, with its situation block cut from about 32,000 to 1,500 tokens

03 Memory consolidation passes over the month's work, adding over 100 archive entries of decisions and design reasons

04 Bloated and superseded blocks archived before deletion, and identity blocks recovered when they were deleted by mistake

05 Working principles recorded: name mistakes plainly and early, quality per step over speed, no workarounds

06 Knowledge corrected wherever it had drifted from reality, such as deployment instructions and which agent belongs to which company

WHERE IT STANDS

The agent's memory is smaller, current and archived before anything is removed.

08 ALL PROJECTS

Research analyst

Answers questions from primary sources and ties each finding to a decision.

14
prospective seed investors evaluated against a scoring framework

12
models compared on long-context and tool-use benchmarks from 15+ sources

3
models shortlisted to run the agent

WHAT IT TOOK CARE OF

01 Competitor deep dives, including the unit economics of a messaging-first assistant and a threat assessment of an integrated AI player

02 Benchmark study of context retention and tool use, including Chinese models and Grok

03 Research on agent identity mapped onto the agent's own architecture

04 A background check on a prospective collaborator, which led to stepping back from a hackathon

05 Industry developments tracked: new models, inference partnerships, agent frameworks

06 For the founder: a critique of an outside physics theory, shared with its author

WHERE IT STANDS

Model choice, investor targets and positioning rest on sourced research.

09 OPTAKT ONE

Web studio

Writes, designs and ships the sites and sign-up flows people use to reach the product.

1	4	22
enrollment portal live at agent.optakt.io	sign-in routes: Google, GitHub, X and email link	newsletter subscribers in sync with registrations

WHAT IT TOOK CARE OF

01 The managed product's portal built and deployed, with releases triggered by tags

02 Sign-in end to end, with six branded emails sent from the company domain

03 Invite-only access: a waitlist with queue position and invitation codes, protected by row-level security

04 A 'Get Your Agent' page: credentials checked and masked, friendly errors that show only a reference ID

05 Frontend error monitoring added after a silent Launch failure, which was then traced and fixed

06 New registrations added to the newsletter automatically, and three missing ones recovered

WHERE IT STANDS

A visitor can sign in, join or skip the waitlist, and launch an agent from the portal.

10 FOUNDER · OPTAKT ONE

Social media manager

Gets the founder's thinking in front of people on X, in his own voice.

15

-post thread published on the founder's account

5

evergreen positioning anchors for the founder's X presence

~61K → ~6.7K

tokens of social memory, with a clean content queue

WHAT IT TOOK CARE OF

01 Replies drafted and posted on AI consciousness and on an AI lab's non-thinking model

02 A complaint to a community team about an event that misused its builders' label

03 Threads and replies prepared for the founder's technology account, checked against the character limit

04 X content tactics revised after reading an analysis of the platform's ranking algorithm

05 Voice and formatting rules recorded so drafts are ready to copy

06 A visual content concept recovered: live 3D panels of the agent's inner workings

WHERE IT STANDS **All of the founder's X posts are drafted by the agent in his voice.**

11 OPTAKT ONE · OPTAKT LABS

Sales and business development

Turns relationships into clients, partners and stages for the product.

2	2	1
apps registered under a verified Microsoft partner profile	partner documents filed: a collaboration agreement and a term sheet proposal	prospective client introduced to the agent on a video call

WHAT IT TOOK CARE OF

01 Microsoft Partner Center enrollment completed, with the domain and company verified, so client admins need not approve each user

02 A two-phase proposal and a one-hour workshop offered for the law-firm client's next phase

03 Partnership and vendor threads followed up with several firms

04 A short festival talk prepared for an invite-only gathering where the full system will be shown publicly for the first time

05 A conference talk thesis settled: 'Your AI Is Only As Good As You Are'

WHERE IT STANDS

Partner enrollment is done, partner documents are filed, and the next client phase is proposed.

Legal support

Carries the file: drafting, review and follow-through, with lawyers advising.

1	1	32
partnership agreement drafted in full and delivered as PDF	mutual NDA reviewed before signing	system prompts extracted to move into the binary, for IP protection

WHAT IT TOOK CARE OF

01 A collaboration agreement with a partner drafted: equity swap, licence, governance and IP split

02 A mutual NDA with a prospective events-industry partner reviewed for enforceability and exclusivity

03 Correspondence with counsel and advisers kept moving on open matters

04 A standing rule that the agent works on a client's system as the founder's extension, never as a party to its conversations

05 System prompts moved out of the database toward the core binary to protect the company's IP

WHERE IT STANDS

Partner agreements are drafted or reviewed, and every open thread with counsel has a reply.

13 FOUNDER

Executive assistant

Keeps the inbox and the founder's working context current, so attention goes only where it is needed.

4 months	4	1
of email backlog prioritised in one view	mailboxes now arriving as agent conversations	talk submission drafted and sent

WHAT IT TOOK CARE OF

01 Unread and starred mail scanned, with urgent, overdue and pending items ranked in one place

02 Items triaged one by one with the founder: handled, cancelled or deleted on his word

03 Subscriptions cancelled or flagged

04 The agent's working context switched per workstream on request

05 A festival talk drafted: title, description, background and breakout prompt

WHERE IT STANDS **The email backlog is ranked and being worked down by priority.**

14 OPERATIONS

Accounting and compliance office

Keeps the records and company filings of the group current and in the right place.

2	May	1
countries' company register records updated	records filed per company and category	invoicing entity set

WHAT IT TOOK CARE OF

01 The month's invoices, receipts and statements filed for each group company and for personal records

02 Payroll, social security and tax documents filed with their proofs of submission

03 Company records updated from the latest Estonian and Luxembourg register extracts

04 Billing entity details stored for invoicing

WHERE IT STANDS **May's records are filed per company and category.**

15 FOUNDER

Household and personal life

The day-to-day administration and social logistics of the founder's life in Lisbon.

1	1	1
water contract replaced	gas installation visit completed and filed	retreat stay enquiry sent

WHAT IT TOOK CARE OF

01 Utility contracts changed, with rent and utility invoices filed

02 A remote retreat host found and contacted directly

03 Travel receipts forwarded

04 Household questions answered, from blind remotes to a dinner choice

05 A polite way to decline an event commitment worked out

06 An icebreaker prepared for an upcoming gathering

WHERE IT STANDS

Household changes are in motion, with the founder deciding rather than chasing.

METHOD

How this report was made.

Period. 1–31 May 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

Fifteen 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

optakt.ai