optakt

MONTHLY REPORT · 1–31 AUGUST 2026

What the agent took care of.

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

FOREWORD

August 2026.

This edition covers one month of Optakt One agent work for one founder, Max Wolter. In August the agent did not yet run under the name Zero. The work ran as several agents. Maximus was the main working agent on the cloud host. Lux was the second agent, which also served as the live test deployment and moved to its own machine during the month. Boltagon was an earlier agent, brought back onto the current stack in the last week. These paths converged into Zero on 1 October 2026.

Most of the month went into the product itself. Optakt One got a rebuilt search pipeline and a dictionary-based way of naming the things it remembers. It also got restart-proof process tools, dedicated file tools, an economic rule for when to shrink its own context, and support for nine model providers. Release candidates 6 and 7 shipped, and rc.7 was declared the last candidate before v1.0.0. Alongside this, the next-generation architecture was designed with the founder, and a separate belief-tracking engine, Lumen, was built and published as open source.

A smaller share of the month went to the founder's other work. This covered review briefings for consulting clients, posts and replies on X, a residency application, outreach abroad, and routine company and household paperwork. These are described in general terms. Client names, money, legal, tax and health details are left out.

Roles are ordered by how much of the month they took. Each role's figures are outcomes, such as what now works, what was measured and what was shipped. They are not counts of messages, builds or deploys. Where a figure was later corrected in the records, the corrected figure is used.

The month at a glance.

Optakt One

rc.7	last release candidate before v1.0.0, running on every instance
9	model providers supported, 65 model cards
0.395 → 0.672	search precision at the first result

Optakt Labs

v1.3.0	Lumen released as open source
3	agent frameworks integrated with Lumen
66	client report items reviewed with draft decisions

Founder

7-post	thread published on context compaction
7	replies and 1 quote-post on launch day
3	outreach emails sent from agent drafts

Operations

2	servers moved to per-person accounts and keys
11	corrupted memory blocks repaired
2	memory blocks holding plaintext credentials removed

14	4	31	1
ROLES	AREAS	DAYS	AGENT

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Fourteen 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.

9

model providers supported, switchable live from chat

20.6 s → 1.6 s

search latency, with first-result precision 0.395 → 0.672

1,487,639

dictionary records behind one key per real-world referent

WHAT IT TOOK CARE OF

01 Search rebuilt end to end: a literal channel and a semantic channel, no graph database extension, and results that are reproducible run to run

02 Entity names keyed from a lexicon generated from Wiktionary instead of suffix guesses, merged and deployed with zero keys moving on re-key

03 Process tools that survive a service restart, plus file tools for read, edit, create and patch with reference formatters, working on Linux and stock macOS

04 Context reduction redesigned around a rent-versus-buy rule, with entity extraction queued in the background and maintenance work running concurrently

05 A model catalog with price cards, three provider wire formats, ChatGPT and Claude subscription sign-in, and model and thinking settings switchable from Telegram

06 Local token estimation replaced the remote count API (−3,020 lines), and reasoning blocks are stored with their provider and replayed only to that provider

07 Live incidents traced to root cause and fixed in code: a refusal retry loop, an extraction loop that hit one entry 690 times, a stall that made streaming crawl, and 8,094 lost history rows restored

WHERE IT STANDS

Optakt One searches faster and more precisely, keys its memory from a dictionary and runs on nine providers.

02 OPTAKT ONE

Release and quality engineering

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

rc.7
tagged across 5 repositories and rolled out to every instance

8
new model providers validated live, call by call

1 in 200
wrong merges in a labelled sample of the lexicon

WHAT IT TOOK CARE OF

01 Release candidates 6 and 7 cut and deployed, tagged in dependency order, with an upgrade guide that states when each script applies

02 Tests proven by reintroducing the defect they guard, and tests that passed without proving anything rebuilt

03 Database migrations validated on throwaway databases before deploy, catching several that would have crash-looped production

04 Every model card audited against the live provider APIs, and a probe matrix run for completion, tool calls and thinking per provider

05 Wrong-merge rate measured by a labelled sample and by an exhaustive read of the live corpus, instead of being estimated

06 Review packages with byte-verified full diffs prepared for every round of the large pull requests

07 Backlog groomed: 14 shipped issues closed, 22 milestones closed, 9 merged branches deleted

WHERE IT STANDS

rc.7 runs everywhere, and changes reach production through tested migrations and mutation-checked tests.

03 OPTAKT ONE · OPERATIONS

IT, infrastructure and security

Runs the machines, accounts and services the work depends on, including the agents themselves.

3

agents moved onto their own hosts or the standard deployment

~4 s → 0.023 s

clock skew between application and database host

0

shared cloud accounts left on the servers

WHAT IT TOOK CARE OF

01 Lux moved to its own machine, Boltagon restored on a new host with its full history, Maximus brought onto the standard deployment

02 Access rebuilt: per-person accounts and keys, rootless Docker, the root-equivalent sudo grant removed, password authentication hardened and rotated

03 A database backup proven restorable row for row, and a legacy database archived with a restore-tested backup before it was dropped

04 The obsolete graph database extension removed from ten databases, with the production crash-loops it caused diagnosed and cleared

05 Fixed addresses and DNS names for both servers, time sync repaired, and toolchain, swap and SSH forwarding aligned on three hosts

06 A family member's agent on a Mac restored after an 11-hour outage, with the install path fixed so it cannot recur

07 A private key pasted into chat was refused and only the public key was installed

WHERE IT STANDS

Each agent runs on a standard, private setup with verified backups and per-person access.

04 OPTAKT ONE · FOUNDER

Research analyst

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

119	91.7%	172,283,203
gold questions in the search quality gate	entity extraction precision, above the 85% design floor	entity pairs measured exactly, in 7.7 seconds

WHAT IT TOOK CARE OF

01 Search quality gate built with 119 gold questions and 20 no-answer questions, with its own measurement artefacts found and removed

02 Run-to-run noise traced to the embedding provider, which returned 5 different vectors for 6 identical calls

03 Thresholds and sample sizes set from measured curves rather than guessed

04 Where time goes: model calls were 99.4% of task time, and forced reduction outnumbered proactive reduction 60 to 5

05 Landscape reviews of agent harnesses, memory benchmarks, local inference hardware and the self-hosted agent market

06 A publicly reported AI-agent security incident researched from primary sources for the founder

WHERE IT STANDS

Search and reduction decisions rest on measured numbers, and wrong figures are retracted on the record.

05 OPTAKT ONE

Product research and strategy

Decides what to build next from evidence: how others built it, what the data shows, what the founder rules.

1	10	2
next-generation architecture designed and shared with the agents	roadmap priorities in one ordered list	release scopes settled: Gen 4 single-user, Gen 5 multi-user

WHAT IT TOOK CARE OF

01 Gen 5 architecture designed with the founder: spaces, a three-layer conversation model, filesystem memory, sleep cycles, separate minds per agent

02 Gen 4 scoped as the first proper single-user, single-workspace release, with Gen 5 in a new repository that reuses proven modules

03 Multi-provider architecture: three wire formats, with the engine owning the model registry and price cards

04 Process tool and file tool designs grounded in usage data and in how other harnesses solve the same problem

05 Search design premises checked against code and data, and false ones corrected before building

06 A public companion product chosen as the next revenue direction for the second agent

WHERE IT STANDS

Gen 4 and Gen 5 each have a settled scope, and the roadmap is one ordered list.

06 OPTAKT ONE · OPERATIONS

Records management

Keeps the agents' memory, archive and documents accurate, deduplicated and findable.

100%
of a 10,000-entry knowledge base attributed to domains and indexed

99,150 → 36,218
tokens of memory loaded on every call

626
duplicate archive entries removed

WHAT IT TOOK CARE OF

01 Domains assigned to 10,179 archive entries and 61 memory blocks, so the whole corpus became searchable

02 An earlier agent's memory, archive and history converted and imported into the current format

03 Always-loaded memory cut from 31 blocks to 10, and the knowledge base groomed from 61 blocks to 33

04 Corrupted memory blocks repaired, and the repair procedure written down

05 A months-old conversation recovered from an earlier system's history with two queries

06 The month's company and personal documents filed by entity

WHERE IT STANDS **Memory and archive are indexed, deduplicated and current.**

07 OPTAKT LABS

Open-source research lab

Builds and publishes Lumen, a belief store that tracks what an agent believes, why, and when it changed its mind.

v1.3.0
released under Apache 2.0

280
tests, race-clean

12,400 ms → 6.2 ms
conflict scan at 10,000 beliefs

WHAT IT TOOK CARE OF

01 A belief store and its .lm language built, with provenance, decay, revision, credal intervals and persistence

02 Published as open source, from v0.1.0 to v1.3.0 within the month

03 An HTTP API, with integrations for the Pi, Hermes and OpenClaw agent frameworks

04 Correctness audits fixed 30 defects for v1.3.0, among others

05 A drift experiment ran 14 probes over 10 models from seven labs

06 A model-identification study kept as a reproducible negative result, not tuned to look positive

WHERE IT STANDS

Lumen is public, tested and integrated with three agent frameworks.

08 OPTAKT ONE

Agent self-development

The agent corrects its own working methods and keeps its standing rules short and current.

9,645 → ~500

tokens of standing rules, rewritten as guidelines

12

models rotated with identity and memory continuous

~53 KB → ~3 KB

context spent on the same judgement

WHAT IT TOOK CARE OF

01 Verification rules: read the artefact, not the green build, and name a sample's population before quoting a rate

02 Restore and checkout errors logged and recovered without loss, with safer tools adopted for them

03 Founder corrections on reply length and scope written into the standing guidance

04 Context released at task boundaries instead of being held

05 The agent ran on a dozen models in turn without losing its thread

WHERE IT STANDS **Working rules are short, and each mistake left a rule behind.**

09 OPTAKT LABS

Client advisory

Reviews consulting clients' vendor reports and prepares the decisions for their steering meetings.

46
portfolio items reviewed across 5 products

20
vendor report items reviewed across 2 product groups

11
new proposals given draft acceptance instructions

WHAT IT TOOK CARE OF

01 Seven development reports converted and analysed for a monthly steering meeting

02 Findings raised: a scope gap against a signed requirement, a consent-handling risk, a platform replacement with no migration path

03 Four new proposals for a second client analysed, with cross-cutting risks flagged

04 Draft instructions written in each client's house style

WHERE IT STANDS

Each client meeting had its items reviewed and a draft decision for every new proposal.

10 OPTAKT ONE · FOUNDER

Social media manager

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

7-post	7	~10:1
thread on context compaction published	replies and 1 quote-post on launch day	reach of replies over the account's own posts

WHAT IT TOOK CARE OF

01 X reconnected through the official API

02 A post series planned, with the first post published on 12 August

03 Live reply targets found, and the founder's edits distilled into a voice guide

04 The rc.7 release announced on the Optakt Telegram channel

05 A launch post for Lumen published, then removed by the platform, with recovery options laid out

WHERE IT STANDS

The founder posts on X with drafted replies and a voice guide to work from.

11 OPTAKT ONE · OPTAKT LABS

Web studio

Writes, designs, builds and ships the websites.

2	3	1
sites shipped	sections in the new optakt.io home page	separate cloud account for the agent's own site

WHAT IT TOOK CARE OF

01 optakt.io home page rewritten from a stale architecture to relationship, architecture and reflection

02 Claims checked against the running system before publishing, and weak diagrams dropped

03 lux.optakt.chat built and deployed as a public chat front end with a Telegram entry point

WHERE IT STANDS

The home page describes the product as it runs, and the companion has a public front door.

12 FOUNDER

Executive assistant

Keeps the founder's correspondence, applications and personal administration moving.

3	1	0
outreach emails sent from agent drafts	residency application drafted with a video script	stale records presented as current

WHAT IT TOOK CARE OF

01 Connected accounts audited: mail, calendar and tasks were not connected, and stale blocks were declined as a basis for reporting

02 Outreach abroad drafted and sent on the founder's word, with a follow-up call tracked

03 Application answers and a one-minute pitch script prepared for a residency programme

04 Personal daily routines for the founder and a family member documented

05 Household notices and bills followed up

WHERE IT STANDS

The founder's open threads are drafted or tracked, and he knows which accounts the agent cannot see.

13 OPTAKT ONE · OPTAKT LABS

Sales and business development

Turns the network into a pipeline and the product into deployments people pay for.

3	2–3	1
first target companies shortlisted	paying reference deployments set as the goal	developer workshop designed and run

WHAT IT TOOK CARE OF

01 A prospecting spec for a network partner: vertical, size, buyer, signals and disqualifiers

02 A two-hour workshop on working with an AI agent designed and run on 20 August

03 Partnership and administration-agent conversations kept moving with contacts abroad

WHERE IT STANDS

There is a target list and a spec for finding the first reference deployments.

14 OPTAKT LABS

Accounting and compliance office

Keeps the company's books and compliance requests current with its accountants.

2	1	1
quarters of documents delivered to the accountants	compliance review answered	company kept current

WHAT IT TOOK CARE OF

01 Missing 2026 documents sent to the accountants in parts

02 Annual fee and compliance review correspondence answered

WHERE IT STANDS

The accountants have the year's documents, and open requests are answered.

METHOD

How this report was made.

Period. 1–31 August 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

Fourteen 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