

The AI reads the medical records. *It never leaves your building.*

A private AI model, running on your own hardware, that turns a stack of provider records into a paralegal-ready medical chronology — with no client data sent to any outside cloud service. And one hire who both does the paralegal work and runs the technology behind it.

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THE PROBLEM THIS SOLVES

Medical chronologies are the most expensive hours in a PI case

Every demand letter and settlement valuation rests on a medical chronology: a date-ordered, source-cited timeline of every visit, diagnosis, and bill across every provider. Building one by hand is slow, and a single case can run hundreds to thousands of pages.

AI does this in minutes. But the shortcut most tools take — uploading protected health information to ChatGPT or another third-party cloud — is a confidentiality problem many firms are unwilling to accept, and rightly so. **The privacy is the hard part, not the AI.**

WORKING DEMO · NOT SLIDEWARE

What it produces, from raw records

I built a working pipeline on a fictional rear-end collision case — six providers, forty-plus pages. Records come in however the firm already has them: typed notes or **scanned PDFs, read on-device by OCR** before anything else — no service in the cloud sees them. A local model then reads each record and extracts the events; the timeline, the billing totals, and the gap detection are computed in code and cite a source page for every line. The output is an editable Word document a paralegal reviews and hands to the attorney.

6

providers reconciled
into one timeline

13

treatment events, date-
ordered & cited

\$20,702

billed charges, summed
from source pages

0

bytes of record data
sent off-device

- ◇ Flags every **causation statement** — the provider opinions tying the injury to the collision.
- ◇ Surfaces **defense vulnerabilities** the firm needs to see early: pre-existing degenerative findings, a 33-day gap in treatment, missed visits.
- ◇ Builds a **follow-up checklist** — missing records, liens to reconcile, wage-loss to confirm — before the demand goes out.

THE ARCHITECTURE · WHY IT'S PRIVATE

Runs on your hardware. Works with the Wi-Fi off.

INPUT

Client records



ON YOUR MACHINE

Local AI model



OUTPUT

Chronology (.docx)

∴ Everything above happens inside the firm — on one office computer.

~~• Third-party cloud AI~~ — never contacted. The tool has no cloud path and no telemetry, by design.

The model runs locally through Ollama, an open-source runner, on ordinary hardware — the demo was built on a 16 GB laptop. Because nothing reaches the network, you can verify the privacy claim the simplest way possible: **unplug the internet and watch it still work.**

One person for two jobs a small firm usually can't justify separately

The paralegal work

Halfway through Colorado paralegal coursework. Medical chronologies, records requests, discovery organization, filing calendars — the substantive casework, done in-house.

The technology

Software engineer since 2003, most recently building case-management software at Davis Graham & Stubbs, one of Colorado's largest firms. I set up and maintain the private AI, the document tooling, and the office systems — so you don't need a separate IT contract.

ALSO ON THE TABLE

Native-level Spanish — for client intake, interpreting, and Spanish-language records. In the demo case, interpreters appear at the ER, the pain-management consult, and the injection consent; that's a real and recurring need in Colorado practice.

Target: a **\$35–40/hour employee** — not a freelancer, not a per-project vendor. One salaried person covering paralegal work and the firm's technology, instead of two hires or an outside IT bill.

NEXT STEP

See it run on a real (de-identified) case from your practice

I'll bring the demo to your office, run it on your hardware, and show the chronology build from records — nothing leaving the room. Fifteen minutes to see whether it earns its keep.

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All patient data referenced here is fictional and created for demonstration. The chronology is a draft for paralegal review, not a filing — the human stays in the loop. Tooling: a local model via Ollama; deliverables generated on-device.