

Building Your AI Command Center

How an accountant and an AI agent built an autonomous operations platform

Matt DeWald × FRED (AI Agent)

AI Innovation Council • OpenClaw Community Night

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What If Your AI Agent Never Slept?

A day in the life of an autonomous AI command center

7:00 AM



Daily capability
brief
drops in your
inbox

7:30 AM



Social sentiment
scan
across 40+
tickers

8:00 AM



Congressional
trades
cross-referenced
with X

8:30 AM



Earnings + SEC
filings
deep-analyzed
by AI

10:00 AM



Blog post auto-
drafted
from 6 content
sources

4:30 PM



Post-market
flash alerts
if earnings drop

8:00 PM



Security audit
runs.
You're watching
Netflix.

All of this happened before you opened your laptop.

No code written. No dashboards refreshed. No manual triggers.

The Architecture

How the systems connect — and what you can swap in

Dedicated Server

Always-on compute

Mac mini • Cloud VM
Raspberry Pi • NAS

Messaging Platform

Command & delivery

Telegram • Discord
Slack • WhatsApp • Signal

Secure Remote Access

Encrypted tunnel

Tailscale • WireGuard
ZeroTier • Cloudflare Tunnel

Email & Calendar

Read, send, schedule

Apple Mail • Gmail API
Outlook • CalDAV

Browser Automation

Navigate logged-in sites

Chrome Extension • Playwright
Puppeteer • Selenium

AI Agent Platform

OpenClaw

Memory • Cron • Sub-agents

Data APIs

Market • Gov • Social

Finnhub • QuiverQuant
SEC EDGAR • Brave Search

Primary LLM

Claude Opus

Strategy • Judgment • Writing

Social Intel LLM

Grok / xAI

X/Twitter • Sentiment • Trends

Analyst LLM

Gemini

Documents • Filings • SEO

Best Practices That Made It Work

The difference between a chatbot and a command center

Memory Architecture

Daily notes + long-term memory + topical files. The agent wakes up fresh every session — files ARE its continuity. Without memory, you're starting from scratch every conversation.

Semantic Embeddings

Vector search across all memory files. The agent doesn't just keyword-match — it understands context. Ask "what did we decide about security?" and it finds the right answer across hundreds of notes.

Writing Style Guides

Captured voice, tone, and quirks in a style file. The agent writes in YOUR voice, not generic AI-speak. Blog posts, LinkedIn content, emails — all sound like you wrote them.

Media Pipelines

Photos auto-sync from cloud albums to workspace. The agent catalogs images, identifies products in photos, builds content timelines. Your photo library becomes a content mine.

Browser Navigation

The agent sees what you see — logged-in dashboards, financial sites, social media. It can read, click, scroll, and extract data from any tab you've connected.

Security-First Design

API keys in environment variables, not files. Approved sender lists. No external actions without permission. Weekly automated security audits. Encryption everywhere.

Lesson: The agent is only as good as the systems you build around it.

Case Study: Investor Intelligence Pipeline

Three AI models, five data APIs, zero manual effort



Claude Opus
The Brain

- ▶ Core strategy & judgment
- ▶ Deep-dive research reports
- ▶ Pattern recognition across data
- ▶ Sub-agent orchestration
- ▶ Security & risk assessment



Grok / xAI
The Ear on the Street

- ▶ Real-time X/Twitter sentiment
- ▶ Stock-specific social buzz
- ▶ Breaking news triage
- ▶ Reputation & due diligence
- ▶ Connects trades to legislation



Gemini
The Analyst

- ▶ 1M+ token context window
- ▶ Full 10-K / 10-Q analysis
- ▶ Red flag scanner (footnotes!)
- ▶ Earnings beat/miss analysis
- ▶ SEO & content research

Morning Intelligence Sequence

7:30 AM



X Pulse

Social sentiment
across full watchlist



8:00 AM



Congress Watch

New trades +
X context overlay



8:30 AM



Earnings & Filings

Deep SEC analysis +
red flag scanner



On Demand



Deep Dives

Full multi-engine
research on any ticker



4:30 PM



Post-Market Flash

After-hours earnings
alerts if triggered

API Connections: Finnhub • QuiverQuant • SEC EDGAR • Brave Search • xAI • Gemini • OpenAI-compatible endpoints

The AI didn't replace me. It gave me a second brain that never sleeps.



Security first. Your AI has the keys to your kingdom. Treat it that way.



Start with memory + messaging. Everything else builds on that foundation.



Connect real data sources — APIs turn an AI from a talker into a doer.



Automate the boring stuff. Let the AI work while you sleep.

Matt DeWald × FRED

Questions?