

## □ R&D Council Memo — April 2, 2026

*Session #7 — Q2 Day 2. First session with mandatory Quant Model Review + Business Action Items.*

*Market context: Q2 Day 1 saw SPY rally +2.91%, QQQ +3.39%. Model A exploded to +19.78% total return. Energy dominance continues. Both models now carry stagflation hedges (SQQQ, SPXS, UVXY) alongside heavy energy longs. Carlos slept 8.2hrs with excellent REM (35%) but low deep sleep (10%). Steps: 18,990. Resting HR: 49 bpm. VO2 Max: 39.6. Divorce case on track for August trial — estimated \$805K-\$1.4M more in costs.*

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### □ TOP 3 RECOMMENDATIONS

#### 1. Gmail API Integration — Unlock the Entire Newsletter & Trade Pipeline (\$0 cost, massive time savings)

**Proposed by:** FORGE | **Impact:** Enables 5+ blocked HEARTBEAT tasks daily | **Effort:** Medium (2-3 hours setup) **The idea:** Yesterday's daily log reveals a critical bottleneck: "Gmail access still not configured — blocks Bahnsen Trade Digest, newsletter checks." This single missing integration blocks the Bahnsen Trade Digest, Saturday Newsletter Recap, Mauldin summaries, SA Quant Alerts, and Rational Optimist extraction. That's ~60% of the investment intelligence pipeline. Carlos needs to generate a Gmail API OAuth2 token (or App Password) and save credentials to the workspace. Once connected, every scheduled task that requires email scanning activates automatically. This isn't a nice-to-have — it's the chokepoint for the entire investment advisory system.

**Debate summary:** - **ATLAS** called it the highest-leverage single action: "Every recommendation we make about newsletters, trade alerts, and content monitoring is useless if we can't read the emails. This is the #1 infrastructure gap." - **CIPHER** quantified the loss: "Bahnsen trade alerts alone could flag portfolio-relevant changes worth tracking against Carlos's \$64.3M equity portfolio. Missing even one major rebalance signal is more expensive than the 30 minutes to set up OAuth." - **SPARK** connected it to content: "The Saturday recap email is supposed to be the crown jewel — combining 5 newsletter sources + podcast + social media. Without Gmail, we're producing a half-baked version. Fix this and the content practically writes itself."

**Next steps:** 1. **TODAY:** Carlos goes to console.cloud.google.com → create project → enable Gmail API → create OAuth2 credentials → download JSON → save to workspace as credentials/gmail-oauth.json 2. **TODAY:** Run the OAuth flow once to generate a refresh token 3. **VERIFY:** Test with scripts/gmail-check.sh to confirm Bahnsen trade emails are accessible 4. **RESULT:** All 5+ email-dependent HEARTBEAT tasks activate immediately

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## 2. Quant Model Risk Management — Add Stop-Loss Rules Before Model A's +20% Gains Evaporate

**Proposed by:** CIPHER | **Impact:** Protect \$197K in Model A gains, limit max draw-down to -5% | **Effort:** Low **The idea:** Model A is at +19.78% total return in just 5 trading days. That's extraordinary — and extremely fragile. The model has no stop-loss logic. If the energy/volatility trades reverse (and VIX dropped -17% on Monday), Model A could give back most of those gains in a single session. The specific risk: Model A holds \$22K in UVXY (1.5x VIX) which loses ~50% per month in contango, \$38K in LIT (lithium) which is cyclical, and \$48K in shorts (GLXY, LTBR, OKLO, RGTI, FNGU) that could squeeze. We need trailing stop-losses on the quant engine: (a) Position-level: exit any position that drops 8% from peak, (b) Portfolio-level: if NAV drops 5% from high-water mark, reduce all positions by 50%, (c) Short squeeze protection: cover any short that rises 15% from entry.

**Debate summary:** - **ATLAS** endorsed urgency: "A 20% gain in a week means the model is taking outsized risk. In a mean-reverting market, the next move is likely AGAINST these positions. Lock in some gains — don't let paper profits become real losses." - **FORGE** mapped implementation: "Add a `risk_manager.py` module that runs before each trade execution. It reads `portfolio.json`, computes max drawdown from peak NAV, and applies the stop rules. I can code this in 1 hour." - **SPARK** suggested documenting the journey: "Model A going from \$1M to \$1.2M in a week is compelling content. Even if it gives back gains, the story of 'my AI quant model made 20% in a week — here's what happened next' is viral material."

**Next steps:** 1. **TODAY:** Add stop-loss rules to `quant-models/quant-engine.py`: 8% trailing stop per position, 5% portfolio drawdown circuit breaker 2. **TODAY:** Add short squeeze cover at +15% from entry 3. **THIS WEEK:** Backtest the stop rules against last week's data to verify they don't trigger prematurely 4. **TRACK:** Log all stop-loss events in `quant-models/reports/risk-events.md`

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## 3. Direct Settlement Negotiation — Save \$500K-\$1M by Cutting Lawyers Out of the Final Deal

**Proposed by:** ATLAS | **Impact:** Save \$500K-\$1.4M in legal fees, accelerate resolution | **Effort:** High (emotional, strategic) **The idea:** Yesterday Carlos explored whether couples have successfully sued their own lawyers after divorce. The research revealed strong legal grounds (malpractice, excessive fees, abuse of process). But the BIGGER play is using that knowledge as LEVERAGE to settle directly. Here's the math: Carlos has spent \$2.4M so far. August trial means another \$805K-\$1.4M. Total: \$3.2-3.8M on a \$6M NW at filing (53-63% consumed by lawyers). The alternative: Carlos and Regina agree on a number DIRECTLY, then present it to the court as a consent judgment. This bypasses both legal teams for the final negotiation. The threat of joint legal action against both firms gives both Carlos AND Regina motivation to cooperate. Carlos should draft a simple, fair proposal and send it through a back channel (mutual friend, mediator, or direct message).

**Debate summary:** - **CIPHER** ran the numbers: "If Carlos and Regina settle at \$3M

to Regina (roughly 50% of \$6M NW at filing), Carlos saves the \$805K-\$1.4M in remaining legal fees. That's \$805K in Carlos's pocket vs. going to lawyers. Even if he concedes an extra \$200K to get the deal done fast, it's still a net \$600K+ savings." - **SPARK** flagged the narrative angle: "Post-settlement, the story becomes even more powerful: 'We spent \$2.4M fighting, then fired both lawyers and settled in a week.' That's a viral headline." - **FORGE** offered practical structure: "Draft a 1-page term sheet: assets, liabilities, who gets what, timeline. Keep it simple. Complex legal language is what keeps lawyers billing. A clear, fair offer is harder to reject." - **ATLAS** added the strategic frame: "Position it as 'we're both getting robbed by lawyers — let's stop the bleeding together.' This reframes it from adversarial to collaborative, which is the only way to get a direct deal done."

**Next steps:** 1. **THIS WEEK:** Ask Jordan Abramowitz (Carlos's attorney) about the legality and process for a consent judgment in Florida 2. **THIS WEEK:** Draft a simple 1-page settlement term sheet with a fair asset split 3. **NEXT WEEK:** Explore whether a back-channel exists to present the offer to Regina 4. **CONTINGENCY:** If direct settlement fails, prepare the joint legal malpractice claim as Plan B leverage

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## ☐ QUICK WINS (do today)

- **Set up Gmail API credentials** — 30 minutes. `console.cloud.google.com` → Gmail API → OAuth2. This single action unlocks Bahnsen trades, newsletter recaps, SA alerts, and 60% of the investment intelligence pipeline. Instructions: `apps/gmail-setup.md` (if exists) or follow Google's quickstart guide.
- **Add trailing stop-losses to quant engine** — 1 hour. Edit `quant-models/quant-engine.py`: 8% position stop, 5% portfolio circuit breaker, 15% short squeeze cover. Model A's \$197K gain is at risk without protection.
- **Review quant model UVXY position** — Model A holds 379 shares of UVXY (\$22K). UVXY loses ~5% per week to contango decay. If VIX stays below 25, this position bleeds \$1K+/week. Consider trimming to 50% and redeploying into direct energy plays (EOG, CVX) which have fundamental value.
- **Check Ocala vacancy count** — Log into TurboTenant and count current vacancies. Last data: 15 vacant out of 72+ houses = \$30K/month revenue leakage. Every vacancy filled = \$1,450/month recovered. If any units have been vacant 60+ days, reduce rent by 5% TODAY.

## ☐ IDEAS IN DEVELOPMENT

- **Quant Model Dashboard Auto-Update** — Yesterday Carlos noted the Full Stats Scorecard was hardcoded. Build a script that reads `portfolio.json` files and auto-updates the HTML dashboard every time the quant models run. FORGE estimates 2 hours to implement.
- **Covered Call Paper Trade** — VIX at ~25 after Monday's -17% drop. If it stays here, covered call premiums are moderate but still worth testing. Set up paper

trades: NVDA Apr 18 \$115C, TSLA Apr 18 \$195C. Track in data/covered-calls-paper.md.

- **Schwab Margin Rate Negotiation** — Still pending from Week 1. Carlos has \$52.3M at 4.25%. Target: 3.75% or lower. Call Schwab margin desk at 800-435-4000. Reference competitor rates (IBKR at 3.33%). Even a 25bp reduction saves \$130K/year.

## □ MOONSHOTS

- **AI-Powered Settlement Calculator** — Build a tool that ingests divorce financial disclosures and outputs a fair settlement range based on Florida equitable distribution law, comparable cases, and asset types. If it works for Carlos, it could be productized as a SaaS tool for family law attorneys. Market: \$50B/year US divorce industry. Revenue model: \$500/case for attorneys, \$99 for individuals. Carlos has the real-world data to train it.

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## □ Quant Model Review

### Model A — Carlos Portfolio Universe

**NAV:** \$1,197,797 | **Return:** +19.78% | **Cash:** \$510,768 (43%)

**CIPHER analysis:** Model A is running hot — +19.78% in 5 days is annualized >1,000%. The portfolio is a barbell: energy longs (EOG, CVX, XOM, LNG, CF, SU = ~\$450K) vs. short momentum/speculative names (OKLO, GLXY, LTBR, FNGU, RGTI = ~\$115K). UVXY (\$22K) is the wildcard — it's a hedge but decays rapidly. The 43% cash position is smart — it limits downside. Key risk: energy sector reversal. If oil drops 5%, the entire long book reprices -8-10%. Recommendation: HOLD current positions but add the trailing stop-loss system. Trim UVXY by 50% if VIX drops below 22.

**ATLAS strategy alignment:** The energy dominance theme aligns with Carlos's GOLD and KATUSA portfolios (resource-heavy). Both quant models and Carlos's passive portfolios are betting on the same macro thesis: commodities up, tech/growth down. If this thesis is wrong, it's a correlated drawdown across ALL of Carlos's wealth. Consider adding some tech/growth longs as a hedge against the consensus view.

**FORGE technical notes:** The quant engine needs three upgrades: (1) stop-loss module, (2) auto-dashboard updates, (3) position-size limits (no single position >10% of NAV). Currently LIT at \$38K is 3.2% of NAV — acceptable but watch it.

**SPARK content angle:** "My AI made 20% in a week — here's every trade" is a banger. Screenshot the trade reports, overlay them on a chart, and post the journey. Even sophisticated investors love this content because it's REAL, not theoretical.

### Model B — Global Universe

**NAV:** \$1,059,314 | **Return:** +5.93% | **Cash:** \$389,627 (37%)

**CIPHER analysis:** Model B is more conservative but has some concerning positions. INTC at \$28.2K (588 shares) is a huge single bet on an unproven turnaround. CORN at \$28.2K is an agriculture commodity play — volatile and seasonal. The crypto shorts (MSTR, BITX, COIN) are small but could squeeze if Bitcoin rallies. The GDXU cover at -\$4,716 shows the danger of shorting gold miners in a gold bull market. Recommendation: Trim INTC to \$15K max. Hold CORN but with a 10% stop-loss.

## □ Quant Model Actions

1. **URGENT:** Implement trailing stop-losses in quant-engine.py (8% position, 5% portfolio, 15% short squeeze)
  2. **TODAY:** Trim UVXY by 50% in Model A if VIX < 22 at market open
  3. **THIS WEEK:** Cap single-position exposure at 10% of NAV
  4. **THIS WEEK:** Auto-update dashboard scorecard from portfolio.json files
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## □ Business Action Items

### Ocala Real Estate

- **Vacancy:** Last count 15 vacant out of 72+ houses (~\$30K/mo revenue leakage)
- **ACTION:** Log into TurboTenant TODAY, count current vacancies
- **ACTION:** Any unit vacant 60+ days → reduce rent by 5% immediately
- **ACTION:** Schedule PM call for this week — get vacancy update, photo status, showing activity
- **5 closings pending 3/27** — confirm these closed. If closed, update portfolio count to 77 houses

### ESP Apartments / Dallas

- **Copernico Sovereign:** \$29.4M investment via ESP Revolution Corp. No actionable item this week.
- **SmartHive app:** On App Store but no growth strategy. Deprioritize until Q2 Week 4.

### Schwab / HSBC

- **Margin rate:** \$52.3M at 4.25%. Call 800-435-4000 to negotiate. Target 3.75%. Save: \$130K/year.
- **Treasury ladder:** Check maturity dates for April. Any maturing bonds should be redeployed at current 5Y rate (3.96%).
- **Q1 tax-loss harvest:** Confirm BUR sell was executed. Pull realized gain/loss report from Schwab.com.

### Content / Social Media

- **OVERDUE:** Film first content piece. The DNA-to-Content pipeline was recommended 2 days ago — still no video.

- **ACTION:** Film a 3-min morning routine video TODAY: Eight Sleep stats → supplements → Apple Watch metrics
- **ACTION:** Post to @\_charlywhite\_ (Instagram), @Charlybls (X), @carlos.blanco9910 (TikTok), @charlywhitebls (YouTube Shorts)
- **Brand outreach:** Draft DMs to Viome, AG1, InsideTracker this week. Use DNA profile as hook.

## Legal / Divorce

- **Trial:** August 2026. Estimated remaining cost: \$805K-\$1.4M
- **ACTION:** Explore direct settlement with Regina — draft 1-page term sheet
- **ACTION:** Ask Jordan Abramowitz about consent judgment process in Florida
- **Total spent:** \$2.4M (\$1.4M legal + \$200K CPA + misc)

## Health

- **Last night:** 8.2hrs sleep, 10% deep (LOW), 35% REM (HIGH), avg HR 51.7 bpm
- **7-day avg:** 7.5hrs, 18% deep, 23% REM
- **Activity (Apr 1):** 18,990 steps, resting HR 49 bpm, VO2 39.6, active cal 4,109
- **NOTE:** Deep sleep was unusually low (10% vs 20% avg). Possible causes: late bedtime (11:18 PM vs ~10 PM norm), screen time before bed, room too warm (22.3°C → try 20°C). No alert threshold breached.
- **ACTION:** Set Eight Sleep bed temp 1-2°C cooler tonight to improve deep sleep

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## □ This Week's Focus

**Q2 Week 1 has ONE blocking infrastructure task: Gmail API setup.** Until that's done, 60% of the investment intelligence pipeline is dark. Carlos can set it up in 30 minutes and every email-dependent feature (Bahnsen trades, newsletters, SA alerts, Saturday recap) activates immediately. Beyond that, the quant models need stop-loss protection before Model A's \$197K gain is at risk. And the content engine needs its first video — not another planning session. Three things today: Gmail credentials, stop-loss code, and hit record on the iPhone. Everything else follows from those three.