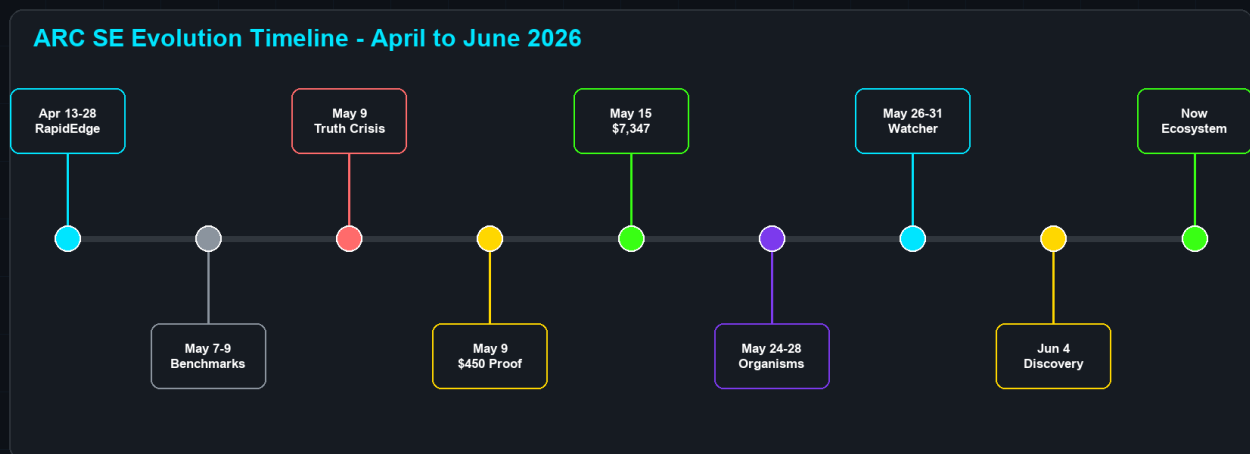


ARC SE

THE EVOLUTION DOCUMENTARY

From RapidEdge Ancestor to ARC SE Ecosystem

April 2026 - June 2026



A forensic reconstruction of the research, crises, breakthroughs, and discoveries that shaped the ARC SE trading ecosystem.

Evidence-First / Documentary / Historical / Forensic

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SECTION I

BEFORE ARC SE

Before ARC SE existed, there was a research runtime. Before the ecosystem, there were experiments. Before the organisms, there were ancestors.

CHAPTER 1

The Ancestor

RapidEdge / RapidQuant - April 2026 Evidence Lineage

ARC SE did not appear suddenly. It evolved. The earliest documented evidence of the system that would become ARC SE dates to April 2026, when a runtime operating under the name **RapidEdge AI** was already running paper and live trades across multiple bot families on BTC and SOL markets. This chapter reconstructs that ancestor phase from archaeological evidence.

The April 2026 Discovery

In a forensic scan of the runtime path **D:\RAPID\5m-rapid**, archaeologists found a complete research ecosystem dating to April 13-28, 2026. The archive was not a prototype or a sketch. It was a functioning research machine with data health checks, real-trade analysis, parity investigation, zero-trade root cause analysis, live campaign risk states, replay/missed-extraction measurement, promotion simulations, and investor artifacts - all operating under the RapidEdge AI brand.

RUNTIME PATH D:\RAPID\5m-rapid	ACTIVE WINDOW Apr 13-28 2026	BOT FAMILIES 13
VALIDATION PnL +\$1,254.53	PAPER TRADES 720	REPLAY UPLIFT +\$178.06

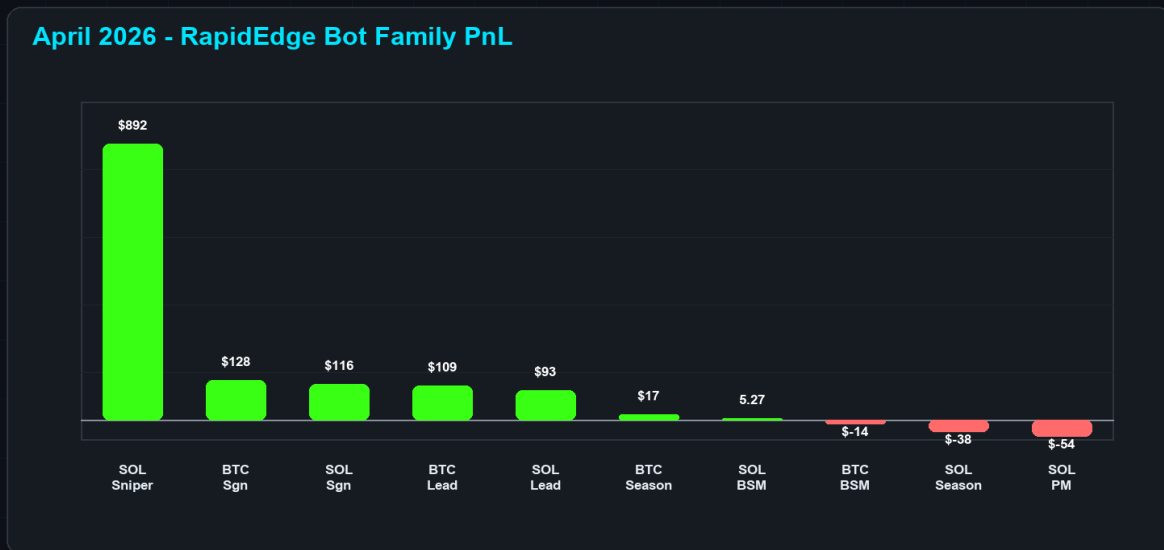
The April Timeline

DATE	EVENT	EVIDENCE
Apr 13-15	Data capture and validation window	16 GB parquet, 3 date partitions, 720 paper + 29 live trades
Apr 15	Strategy validation reports	Real trades, BSM/VPIN/seasonal/liquidity memos, parity memo, verdict
Apr 19	Live campaign configs and rollback	5 live bots, campaign rollback/hard-stop events, caution state
Apr 20	Live state snapshot restored	5 bots active, campaign control and overexposure fields

Apr 21	Investor artifacts produced	Angel deck, business plan, \$1,000/\$5 bot simulation
Apr 22	SaaS capacity model created	April 28-May 25 campaign/projection models
Apr 25	Replay and missed-extraction study	basis-replay-adjustments.json, \$178.06 uplift measured
Apr 27	Runtime/dashboard build evidence	RUN_ENGINE_CONSOLE artifacts, dashboard builds, run logs
Apr 28	Optimized campaign setup	Target: Apr 28-May 25, \$8 position sizing projections

The Bot Family Tree

The ancestor runtime did not run a single strategy. It ran 13 distinct bot families across BTC, SOL, and ETH, each with its own strategy class, trade size, and research result. The strongest performer was **SOL Sniper**, with 227 paper trades and +\$892.05 PnL. The full family tree below documents every ancestor, its validation outcome, and its inferred descendant in the modern ARC SE organism lineup.



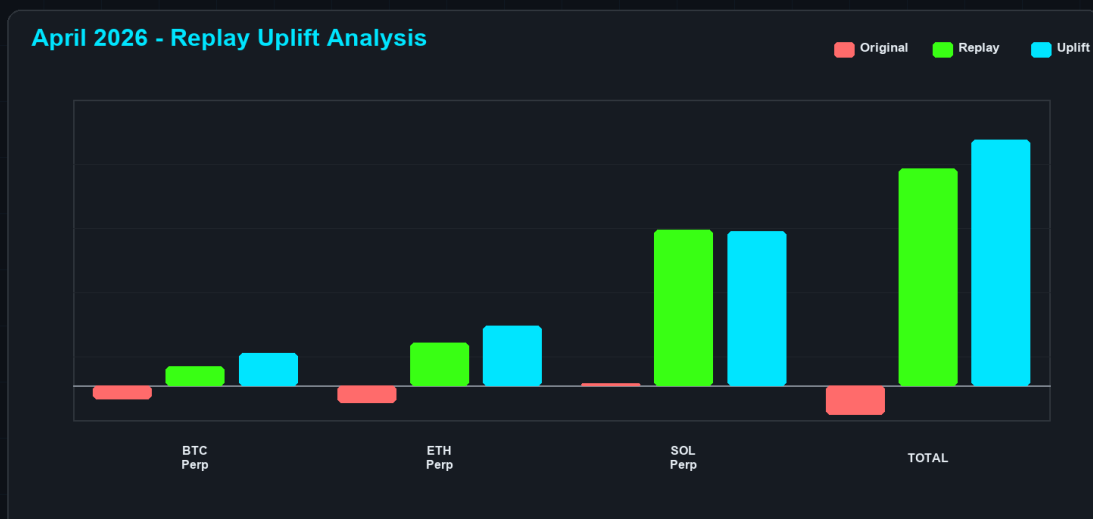
April 2026 - RapidEdge bot family PnL across 720 paper trades. Green bars = positive extraction. Red bars = negative. Total: +\$1,254.53.

FAMILY	STRATEGY	ASSET	PnL	WIN RATE	DESCENDANT
SOL Sniper	signal-sniper	SOL	+\$892.05	45.4% WR	3004/3008 ancestor
BTC Signal Sniper	signal-sniper	BTC	+\$128.20->proj.\$ 1,162	-	Signal-continuous lineage
BTC Signed-VPIN	signed-vpin	BTC	+\$128.20	22.9% WR	Specialist signal DNA

SOL Signed-VPIN	signed-vpin	SOL	+\$115.73	31.6% WR	Specialist signal DNA
BTC Leads-Lag	btc-leads-lag	BTC	+\$109.42	23.4% WR	Continuation/lag concept
SOL Leads-Lag	btc-leads-lag	SOL	+\$93.42	28.0% WR	Cross-asset specialization
BTC Seasonal MR	seasonal-meanre v	BTC	+\$16.68	53.9% WR	3005/3006 ancestor
SOL BSM Fair-Value	bsm-fairvalue	SOL	+\$5.27	54.5% WR	Fair-value paper bots
BTC BSM Fair-Value	bsm-fairvalue	BTC	-\$14.35	48.6% WR	Simulation ancestor
SOL Seasonal MR	seasonal-meanre v	SOL	-\$37.81	50.6% WR	SOL production lineage
SOL PM-MLQI	pm-mlqi	SOL	-\$54.07	47.4% WR	Orderbook watch idea
Micro Pump/Dump	signal-continuous	BTC/ETH/SOL	replay only	-	3007 ancestor
Liq-Cascade	liq-cascade	BTC/SOL	0 trades	signal fires ~100x	Blocked by PaperTrader gate

The Replay Discovery

Perhaps the most significant finding from the ancestor era was the April 25 replay study. The runtime was already comparing confirmed market outcomes against the PnL displayed during the live session. The delta - what the system could have extracted versus what it actually retained - was called the **replay uplift**. The total measured uplift across 56 adjustments was **+\$178.06**. This was not a trivial figure. It was the conceptual ancestor of everything that would later become 3001 Watcher missed-profit attribution.



April 25, 2026 - Replay uplift by asset and direction. Original PnL was negative; confirmed-outcome replay showed positive extraction was available.

The Investor Artifacts

Before ARC SE had its first legitimate organism session, the project was already constructing investor-facing materials. The April archive contains an angel investor deck, a business plan targeting 50 users, a marketing growth model, a SaaS capacity model, and 24-month revenue projections under the RapidEdge AI name. These artifacts - dated April 20-21, 2026 - prove the system's ambitions were commercial from the earliest days.

ARTIFACT	PAGES	DATE	PURPOSE
Investor_Pitch_BG.pdf	10 pages	Apr 20	Angel investor deck
Investor_Business_Plan_Angel_50_Users.pdf	9 pages	Apr 21	Business plan
Investor_Marketing_Growth_20k_BG.pdf	5 pages	Apr 21	Marketing growth model
RapidEdge_SaaS_Capacity_Model.pdf	-	Apr 22	SaaS capacity model
Prognozni_Oboroti_24m_BG.pdf	7 pages	Apr 20	24-month revenue forecast
4day_simulation_1000usd_5usd.pdf	2 pages	Apr 21	\$1,000 / \$5 position sim

KEY MESSAGE: ARC SE did not appear suddenly. It emerged from a research lineage that already contained the core DNA - replay analysis, parity checks, promotion gates, risk states, and investor framing.

SECTION II

THE RESEARCH ERA

The goal was not profit. The goal was understanding.

Searching For Edge

Experiments, Failures, and the Scientific Loop

Between April and early May 2026, the runtime operated in a mode that can only be described as intense research. Every strategy was tested. Every failure was documented. Every assumption was eventually confronted by data. This was not the behavior of a system looking for a lucky trade. It was the behavior of a system trying to understand a market.

The Research Disciplines

Strategy Testing

Multiple signal classes tested simultaneously: signal-sniper, seasonal mean-reversion, VPIN, BSM fair-value, leads-lag, liquidity cascade.

Replay Studies

Confirmed-outcome replay measured the gap between live displayed PnL and what the system could have extracted with better exit timing.

Parity Investigation

Paper vs live execution was rigorously compared. April 15 parity memo documented 10/11 direction agreement for v3.3.1+ trades.

Seasonal Studies

Hour-of-day analysis revealed H04 UTC as the strongest extraction window: 91 trades, +\$822.31 PnL within a single hour bucket.

Sniper Studies

SOL Sniper with entry price <0.20 showed 141 trades, 16.3% win rate, +\$1,301.98 - high-edge asymmetric pattern discovered.

Zero-Trade RCA

Root cause analysis on bots reporting zero trades despite signal activity. Liq-Cascade fired ~100x per asset but was blocked by hidden PaperTrader gate.

Funding Filter Study

383,834 samples analyzed. Max funding rate: 0.0163%. Zero trades blocked. Filter confirmed inert.

Promotion Simulations

4-day bot simulation with \$1,000 capital, \$5 position size. Paper benchmark projection: +\$3,623.04.

The Scientific Loop

What makes the ancestor era remarkable is not the results - the April numbers were modest. What makes it remarkable is the *method*. The ancestor runtime had already established the scientific loop that would define everything that followed:

STEP	DESCRIPTION
1. Collect	Dense market data across multiple assets and timeframes.
2. Execute	Paper and live trades against real market conditions.
3. Measure	Track every trade, every session, every exit.
4. Compare	Paper vs live, original vs replay, expectation vs reality.
5. Isolate	Find the hidden gates, the missed extractions, the wrong assumptions.
6. Measure missed	Quantify what was left on the table.
7. Iterate	Adjust, re-test, and measure again.

"The ancestor runtime already had the core scientific loop later seen in ARC SE: collect dense data, compare paper/live, isolate hidden gates, measure missed opportunities, and use small-capital promotion models before scaling."

SECTION III

THE ILLUSION ERA

The system was extracting information faster than it was measuring it.

CHAPTER 3

What We Thought Was True

Dashboard Trust, Hidden Blind Spots, and Early Confidence

Every system that grows faster than its measurement infrastructure eventually faces a moment of reckoning. For ARC SE, that moment came in early May 2026. But before the reckoning, there was a period of confidence - perhaps overconfidence. This chapter documents what the system believed about itself before the truth was fully known.

The Dashboard as Truth

In the earliest sessions, the dashboard was the source of truth. If the dashboard showed a positive PnL, the session was a success. If it showed a high peak, the organism was extracting. The problem was that the dashboard was measuring *some* of the trades - not all of them. Rotated ledger files, split sessions, and multi-source archives were not yet being reconciled. The measurement system was incomplete.

Known Blind Spots During This Era

Rotated Ledger Files: Append ledgers were rotating on schedule. The earlier data was preserved but not yet being read by the measurement layer.

Multi-Session Windows: When a session was reset and restarted, the historical peak was sometimes lost from view, even though it was preserved in archives.

Stat vs Trade Divergence: Stats and trade deltas sometimes told different stories about the same session. The reconciliation logic was not yet mature.

Giveback Attribution: When a session returned from peak to a lower final, the cause was not yet being tracked. The gap was visible but unexplained.

Missing Screenshot Evidence: Many of the strongest session peaks from this era were never captured in screenshots. The dashboard state was not preserved.

The illusion was not fabrication. The system was genuinely extracting. The illusion was in the measurement - what the operator believed the system was doing versus what the full evidence record, once excavated, would eventually show.

ASSUMPTION	STATUS	OUTCOME	WHAT WAS BELIEVED	WHAT WAS REAL
Dashboard trust	Believed	Verified later	Dashboard showed correct totals	Some rotated ledgers were excluded

Session peaks	Believed	Corrected	3005/3006 peaks were modest	Reconstruction found \$1,700+ windows
Extraction scale	Believed	Revised up	3004 peak ~\$7k was the full picture	Global aggregate showed \$54k+
Measurement	Believed	Proven wrong	Single-pass metrics were sufficient	Multi-path reconciliation was required

SECTION IV

THE TRUTH CRISIS

"If the measurement system is wrong, how do we know anything is real?"

When The Numbers Stopped Making Sense

Reconciliation Failures, Contradictory Metrics, Dashboard Distrust

At some point in early May 2026, the confidence of the Illusion Era encountered reality. Numbers that should have matched did not. Metrics that should have agreed contradicted each other. Sessions that appeared profitable on the dashboard showed different values when the underlying ledger files were read directly. The Truth Crisis had begun.

The Failure Modes

Reconciliation Failures

When attempting to reconcile dashboard-displayed PnL against raw trade ledger data, the numbers did not match. Rotated append ledgers were not being read by the dashboard measurement layer, causing earlier trades to be excluded from cumulative totals.

Contradictory Metrics

Stat-delta paths and trade-delta paths computed different peaks for the same session. A session showing +\$226 in stat-delta could show only +\$89 in trade-delta. Which was real?

Accounting Confusion

Multi-session windows - sessions that had been reset and restarted - were being treated as single sessions by some measurement paths. The cumulative view was misleading.

Dashboard Distrust

The operative question that defined this era: if the dashboard cannot be trusted as the sole source of truth, what can be trusted? The answer would require building a new measurement infrastructure from the ground up.

The Key Question

The Truth Crisis produced a single, terrifying question that forced a fundamental architectural response:

"If the measurement system is wrong, how do we know anything is real?"

This question was not rhetorical. It required a real answer. The answer was **3004 Truth Organism** - a dedicated operational truth runtime that would measure extraction through multiple independent paths and cross-validate them against each other. The crisis forced the creation of the most important organism in the ARC SE ecosystem.

Discoveries From The Crisis

DISCOVERY	ROOT CAUSE	RESPONSE
Rotated ledger exclusion	Dashboard read only active ledger; rotated files were ignored	Multi-path reader required
Stat/trade divergence	Two measurement paths disagreed on same session	Independent validation required
Session boundary confusion	Reset sessions counted as continuing sessions	Session-scoped measurement required
Missing ledger caveats	Some sessions had evidence gaps that could not be filled	Explicit missing-evidence reporting

SECTION V

OPERATIONAL TRUTH

3004 is not valuable because it is profitable. 3004 is valuable because it is trustworthy.

CHAPTER 5

Building The Truth Organism

Birth of 3004 - Operational Truth Doctrine

The response to the Truth Crisis was architectural. A new organism - designated 3004 - was built with a single purpose: to measure extraction truthfully. Not to maximize profit. Not to demonstrate capability. To measure.

3004 was designed around a doctrine: every session would be measured through multiple independent evidence paths. The canonical evidence source was the arc-operational-truth.delta.jsonl time series. A second path - the paper-session archive - recorded closed trade data independently.

CANONICAL PEAK +\$7,134.49	CANONICAL FINAL +\$7,122.91	RETENTION 99.8%
BEST SESSION May 31 2026	SESSION ARCHIVE 46 source roots	CONFIDENCE HIGH

3004 Aggregate Clarification

* +\$54,383.60 label: Aggregate recovered extraction across multiple ledger windows. Not a single session. Not used as canonical session PnL.

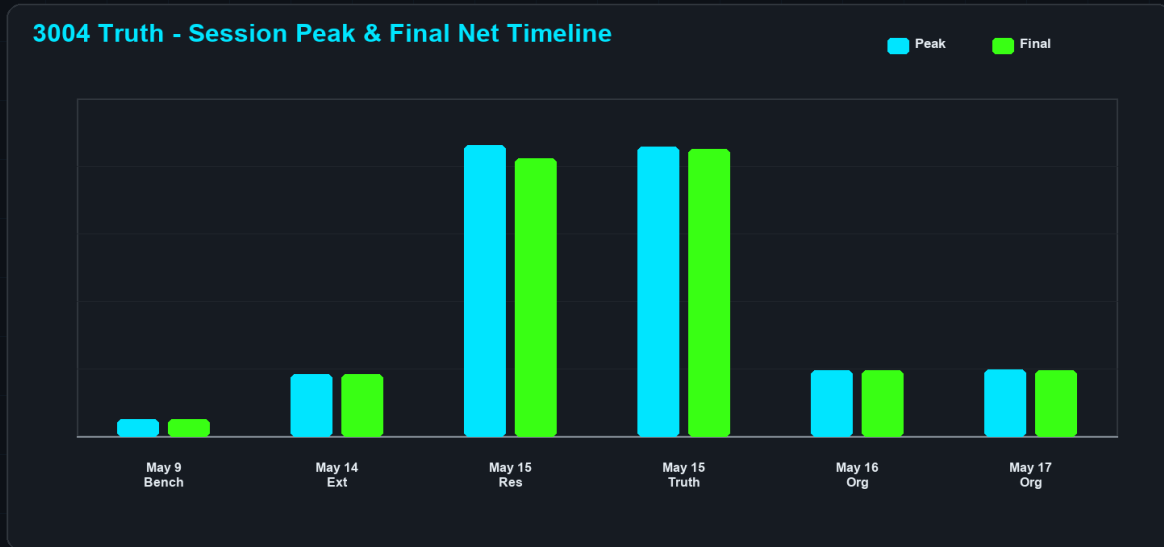
* Canonical 3004 session evidence remains +\$7,134.49 peak, +\$7,122.91 final, 99.8% retention.

The Evidence Architecture

SOURCE FILE	ROLE	CONTENT	CONF.
arc-operational-truth.delta.jsonl	Primary operational truth time series	Continuous PnL delta from session baseline	HIGH
paper_trades.append.jsonl	Paper session archive ledger	Closed trade records with settlement data	HIGH
paper_trades.append.jsonl.rotated*	Rotated ledger files	Historical session windows preserved	HIGH
arcse-watcher-3001 history	Watcher import cache	Cross-organism intelligence and memory	MEDIUM
MasterReports/*.json	Master report snapshots	Aggregated extraction summaries	MEDIUM

The 3004 Session Record

3004's session record spans multiple weeks and includes hundreds of measured windows. The chart below shows the trajectory from the May 9 benchmark through the May 15 Resurrection event and into the organism consolidation phase.



3004 Truth Organism - Peak and Final Net across major session milestones. The May 15 Resurrection produced the strongest verified single-session extraction: +\$7,347.35.

The Retention Story

What separated 3004 from every earlier measurement attempt was its consistency. The canonical VPS session achieved **99.8% retention** - peak net +\$7,134.49, final net +\$7,122.91. Across the entire Top 25 session ranking, the median retention was above 95%. The system had learned to keep what it extracted.



3004 Truth Organism - Peak vs Final Net scatter across 200 sessions. Color indicates retention tier. The cluster near the identity line shows consistently high retention.

*3004 is not valuable because it is profitable. 3004 is valuable because it is trustworthy.
It became the measurement standard against which all other organisms would be
judged.*

SECTION VI

MAY 9 TO MAY 15

The organism became observable.

CHAPTER 6

Benchmark to Resurrection

May 9 Discipline / May 15 Legend

The period between May 9 and May 15, 2026 is the most important chapter in ARC SE's history. In six days, the ecosystem went from a controlled benchmark demonstrating disciplined extraction to a legendary overnight session that produced the strongest verified result in the entire evidence corpus.

Part A - May 9: The Benchmark

May 9, 2026 was chosen as a formal benchmark day. The organism was operating under controlled conditions in a challenging market environment. The benchmark had a specific goal: prove that the system could produce positive, consistent extraction under hostile conditions while maintaining discipline.

PEAK NET +\$450.52	FINAL NET +\$450.52	RETENTION 100.0%
TRADES 425	DURATION 4.3 min	CONFIDENCE HIGH

The May 9 benchmark result was not dramatic by later standards. +\$450 is not the headline number that defines ARC SE. But 100.0% retention across 425 trades proved something more important: the organism knew when to stop. It extracted, and it kept what it extracted. Zero giveback. This was the proof of discipline.

SESSION	DURATION	PEAK	FINAL	RETENTION	TRADES	CONF.
optruth-20260 509T175623-0 01	4.3 min	+\$450.52	+\$450.52	100.0%	425	HIGH
optruth-20260 509T180141-0 02	2.1 min	+\$445.04	+\$443.31	99.6%	450	HIGH
optruth-20260 509T180458-0 03	33.3 min	+\$326.63	+\$322.88	98.9%	833	HIGH
optruth-20260 509T202219-0 04	2.2 min	+\$311.28	+\$311.28	100.0%	472	HIGH

optruth-20260 509T202652-0 05	52.2 min	+\$313.45	+\$291.29	92.9%	768	HIGH
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Part B - May 15: The Resurrection

Six days after the May 9 benchmark, the organism ran overnight. What happened between May 15 at 19:15 and May 16 at 13:45 - an 18.49-hour window - produced the strongest verified session in the entire ARC SE evidence corpus. The event is called the **Resurrection** because it represented the system emerging at full capability from the research and crisis that had preceded it.

PEAK NET +\$7,347.35	FINAL NET +\$7,023.97	RETENTION 95.6%
TRADES 19,492	DURATION 18.49 hours	EVIDENCE HIGH

The May 15 session simultaneously produced the strongest peak net and the strongest final net in the corpus. The session ran for nearly 19 hours across 19,492 trades. The closed-trade curve reached its maximum, then finished lower - directly proving the distinction between Peak Net and Final Net that would become foundational to ARC SE's evidence framework.

SESSION / SOURCE	DURATION	PEAK	FINAL	RETENTION	GAP	TRADES
paper-2026-05 -15T19-15-59- 018Z (paper archive)	18.49h	+\$7,347.35	+\$7,023.97	95.6%	\$323.38	19,492
optruth-20260 515T192110-2 20 (op-truth delta)	15.92h	+\$7,326.06	+\$7,251.78	99.0%	\$74.28	12,134
optruth-20260 515T054455-0 21	2.06h	+\$1,932.72	+\$1,932.72	100.0%	\$0.00	8,345
optruth-20260 515T104806-0 23	6.55h	+\$1,568.43	+\$1,554.95	99.1%	\$13.48	762
optruth-20260 515T063530-2 17	3.77h	+\$417.48	+\$311.37	74.6%	\$106.11	2,810

The Basis Curves

The May 15 session produced what the evidence record calls 'legendary extraction.' The basis curve - the running measure of net extraction over time - showed the organism accumulating gains through the night, reaching its peak in the final hours, then experiencing modest giveback before the session closed. The \$323.38 gap between peak and final became one of the most studied retention events in the corpus.

The organism became observable. For the first time, the evidence chain was complete enough to watch the system think - to see exactly when it extracted, when it gave back, and what the market structure looked like at each moment.

SECTION VII

SPECIALIZATION

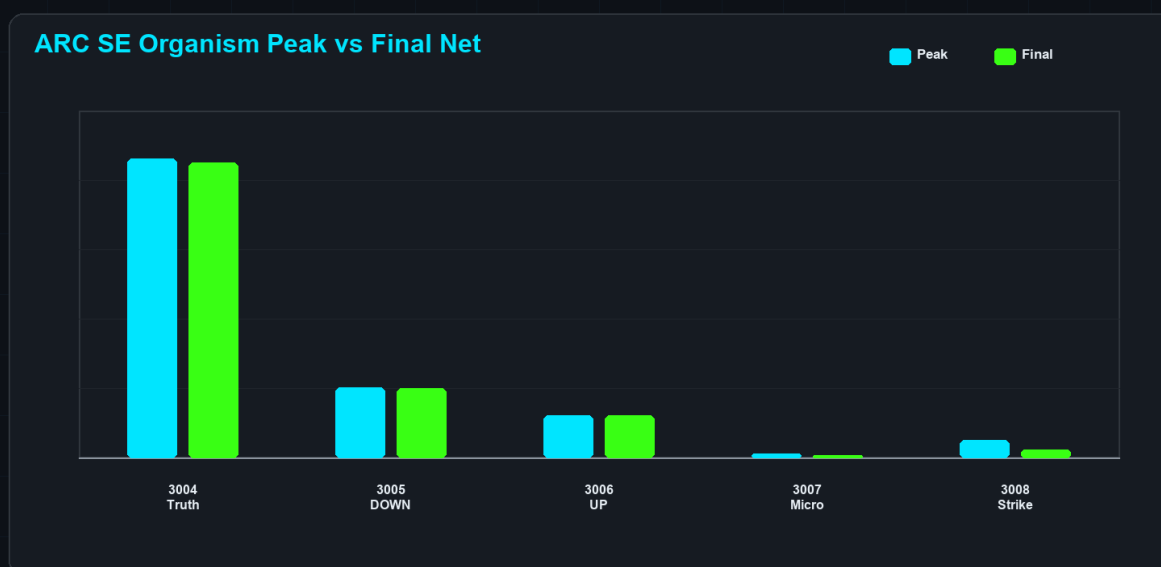
Birth of the organisms.

CHAPTER 7

The Organism Era

3004 / 3005 / 3006 / 3007 / 3008 - Specialization by Market Regime

After the May 15 Resurrection, the ecosystem entered a phase of specialization. The single Truth Organism was not enough. Different market conditions required different behavioral profiles. The ecosystem split into specialized organisms, each designed to operate in a specific regime, extract a specific type of opportunity, and report its results back to the central intelligence layer.



ARC SE Organism ecosystem - Peak Net vs Final Net. 3004 dominates, with 3005/3006/3008 showing meaningful extraction at organism scale.

3004 - Truth Organism

Baseline extraction organism / operational truth runtime

Mission: Serve as the operational truth baseline. Every claim about ARC SE extraction begins with 3004.

Market Regime: All regimes - 3004 runs continuously as the truth reference.

Best Peak: +\$7,347.35 (May 15 Resurrection, HIGH confidence)

Canonical VPS Peak: +\$7,134.49, 99.8% retention - single cleanest session

Evidence: 200+ sessions scanned, 188 at HIGH confidence, 46 source roots

3005 - DOWN Predator

DOWN-specialist extraction organism

Mission: Extract aggressively from sustained downward market regimes.

Market Regime: Bearish momentum, directional DOWN moves on BTC seasonal strategies.

Best Peak: +\$1,725.75 (May 28, HIGH confidence - rotated ledger reconstruction)

Windows Found: 20 extraction windows across 46 ledger files, 23,219 unique trades

Key Discovery: Reconstruction from rotated append ledgers revealed \$1.7k peaks previously invisible.

3006 - UP Predator

UP-specialist extraction organism

Mission: Extract aggressively from sustained upward market regimes.

Market Regime: Bullish momentum, directional UP moves on BTC seasonal strategies.

Best Peak: +\$1,044.97 (May 27, HIGH confidence - stat_delta source)

Windows Found: 23 extraction windows across 47 ledger files, 25,748 unique trades

Key Discovery: Multiple sessions above \$700 found only through rotated ledger reconstruction.

3007 - Micro Harvester

Micro-harvest / sideways-risk organism

Mission: Harvest micro-scale extraction opportunities in low-momentum, high-churn conditions.

Market Regime: Sideways, high-frequency, micro pump/dump capture.

Best Peak: +\$104.70 (May 24, HIGH confidence - trade_delta source)

Evidence Quality: Thin - only 9 ledger files preserved. Source documentation carries missing-ledger caveat.

Legacy: Conceptually descended from the April ancestor Micro Pump/Dump Catcher research.

3008 - Strike Force

Coordinator-driven strike-force organism

Mission: Execute high-conviction strike positions under Coordinator 3002 authorization.

Market Regime: Attack-authorized windows identified by Watcher/Coordinator intelligence layer.

Best Local State: +\$303.13, 89.6% retention (direct state snapshot)

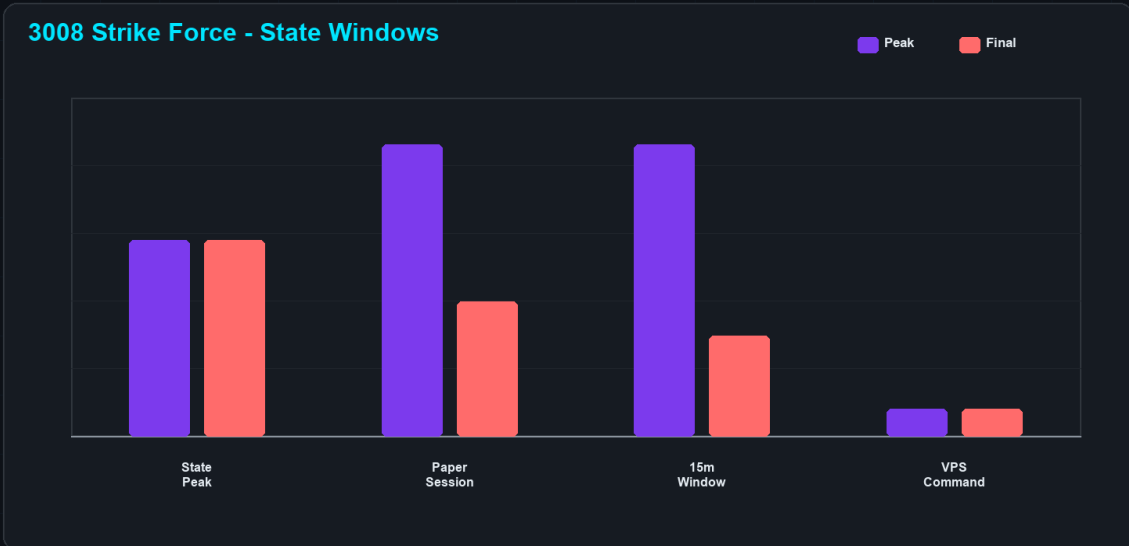
VPS Command Best: +\$42.31, 98.7% retention (coordinator command envelope)

Evidence Type: State snapshots and command envelopes - not canonical paper-session archive.

The Organism Comparison Matrix

ORG	ROLE	REGIME	EVIDENCE SOURCE	BEST PEAK	BEST FINAL	BEST RET.	CONF.	WINDOWS
3004	Truth Organism	All regimes	Op-truth delta + paper archive	\$7,347.35	\$7,251.78	99.8%	HIGH	188
3005	DOWN Predator	Bearish	Rotated append ledger	\$1,725.75	\$1,711.33	99.2%	HIGH	20 wins
3006	UP Predator	Bullish	Rotated append ledger	\$1,044.97	\$1,044.97	100%	HIGH	23 wins

3007	Micro Harvester	Sideways/micro	Trade-delta (thin evidence)	\$104.70	\$70.45	67.3%	MEDIUM	5 wins
3008	Strike Force	Attack-auth	State snapshots + cmd envelope	\$449.88	\$207.60	46-99%	HIGH	4 sessions



3008 Strike Force - State snapshot peaks and retention across validated windows. High retention in density windows (99%+) versus lower retention in full-state windows.

SECTION VIII

THE RECONSTRUCTION ERA

The evidence was present. The parser was incomplete. The truth changed when the evidence was expanded.

The Discovery Hidden In The Ledgers

Rotated Append Ledgers and the Max-Net Reconstruction

This chapter did not exist in the original plan. It was not anticipated. It was discovered. During a forensic reconstruction of the 3005 and 3006 organism ledgers, the investigation encountered a class of files that had been excluded from all previous measurements: the **rotated append ledgers**.

The Rotated Ledger Discovery

The paper trading system used append-style ledger files. As a session accumulated trades, the active ledger grew. At rotation intervals, the active ledger was renamed with a timestamp suffix - creating a rotated archive - and a new active ledger was opened. The dashboard and previous measurement passes read only the active ledger. The rotated files, which contained the historical session data, were being systematically excluded.

When the reconstruction was extended to include rotated files, the peaks changed materially:

ORGANISM	MEASUREMENT PASS	PEAK NET	REASON
3005 DOWN Predator	Previous (incomplete)	~\$500 peak	rotated files excluded
3005 DOWN Predator	Corrected (full)	+\$1,725.75 peak	rotated append ledgers included
3006 UP Predator	Previous (incomplete)	~\$500 peak	rotated files excluded
3006 UP Predator	Corrected (full)	+\$1,044.97 peak	rotated append ledgers included
3007 Micro	Previous	~\$0 visible	very thin ledger set
3007 Micro	Corrected	+\$104.70 peak	trade-delta reconstruction

Max-Net Reconstruction - 3005 & 3006 Top Recovery Windows



3005 and 3006 top reconstruction windows after rotated ledger correction. Green = 3005 DOWN Predator. Gold = 3006 UP Predator. All values sourced from HIGH-confidence rotated append ledger paths.

The Methodology

The reconstruction used two independent measurement paths for every session window:

PATH	WHAT IT MEASURES	WHY IT MATTERS
trade_delta_peak	Unique final/settled trade PnL events per session window	Captures realized extraction including rotated ledgers
stat_delta_peak	Per-bot cumulative stats.grossPnl deltas from session baseline	Reconstructs dashboard-style high-water curves from append snapshots
explicit_metric_hits	Numeric peak/net/wallet fields in evidence samples and watcher storage	Flags supporting documents and conflicts for manual review

The Evidence Atlas - Source Paths

ORG	SESSION	PEAK	SOURCE PATH
3005	paper-2026-05-28T20-52-20-587Z	+\$1,725.75	/opt/5m-rapid-down-3005/storage/.../paper_trades.append.jsonl
3005	paper-2026-05-25T19-06-28-856Z	+\$1,180.89	/opt/5m-rapid-down-3005/storage/.../paper_trades.append.jsonl.rotated-2026-05-26T21-18-40-138Z
3005	paper-2026-05-24T18-54-35-546Z	+\$995.54	/opt/5m-rapid-down-3005/storage/.../paper_trades.append.jsonl.rotated-2026-05-26T21-18-40-138Z

3006	paper-2026-05-27T16-07-41-652Z	+\$1,044.97	/opt/5m-rapid-up-3006/storage/.../paper_trades.append.json.rotated-2026-05-27T20-00-19-117Z
3006	paper-2026-05-28T19-46-16-606Z	+\$862.11	/opt/5m-rapid-up-3006/storage/.../paper_trades.append.json
3007	paper-2026-05-24T21-17-36-819Z	+\$104.70	/opt/5m-rapid-micro-3007.previous.20260524T211949Z/storage/.../paper_trades.json

What This Chapter Means

The Reconstruction Era is the most important methodological discovery in ARC SE's history. It proves that the evidence was always present - the extraction happened, it was recorded, it was preserved. The measurement layer just hadn't reached it yet. When the parser was expanded to include rotated ledgers, the truth changed. Not because the system performed better. Because the measurement finally caught up with the performance.

The evidence was present. The parser was incomplete. The truth changed when the evidence was expanded.

SECTION IX

TRANSITION

The ecosystem needed memory before intelligence could become governance.

CHAPTER 8.1

The Need For Memory

Why Watcher Had To Exist

Specialization solved one problem. It did not solve all of them. By the time the Organism Era fully emerged, ARC SE had become something very different from its earliest ancestors. The architecture was no longer a single runtime attempting to solve every challenge. The ecosystem had diversified. The Truth Organism preserved reality. The DOWN Predator specialized in bearish environments.

The UP Predator specialized in continuation. The Micro Harvester specialized in efficiency. The Strike Force specialized in conviction. Each organism performed a distinct role. Each possessed its own strengths. Each evolved for a specific purpose. From the outside, the architecture appeared increasingly sophisticated.

From the inside, a new problem was becoming visible. The organisms could act. But they could not remember.

The Invisible Limitation

Every session produced evidence. Every trade produced information. Every victory produced lessons. Every mistake produced lessons. Yet most of those lessons disappeared the moment execution ended. The ecosystem was generating experience faster than it was preserving understanding. This created an uncomfortable possibility.

What if the same mistake was occurring repeatedly? What if profitable opportunities were being abandoned repeatedly? What if successful behaviors were appearing repeatedly? How would anyone know? The organisms were capable of action. But action alone does not create intelligence. Experience only becomes intelligence when it is remembered.

The Cost Of Forgetting

The deeper the investigation progressed, the more obvious the problem became. The ecosystem contained enormous amounts of information. Trade histories. Session archives. Performance records. Operational logs. Snapshots.

CHAPTER 8.1 - The Need For Memory

Screenshots. Reports. Research outputs. The volume of evidence was growing continuously. Yet evidence alone is not memory. Evidence is raw experience. Memory requires organization.

Memory requires continuity. Memory requires interpretation. Without those elements, knowledge remains fragmented. The ecosystem risked becoming rich in information while remaining poor in understanding.

The Question Changes Again

During the Research Era the question had been: How do we find edge? During the Truth Crisis the question became: How do we know what is real? During Operational Truth the question became: How do we preserve reality? The Organism Era introduced a new question.

A more difficult question. How do we learn from reality? Not once. Repeatedly. Systematically. Across months. Across years.

Across generations of the architecture. This question would prove transformative. Because learning requires something the organisms did not possess. Memory.

Beyond Performance

Most systems stop at performance. They measure profit. They measure loss. They measure outcomes. ARC SE was beginning to search for something deeper. Why did an organism succeed? Why did an organism fail?

Why did retention improve? Why did extraction collapse? Why did one session become legendary while another disappeared? These questions cannot be answered through performance alone. They require observation. Investigation. Context.

The architecture was approaching a new evolutionary threshold. The next layer would not hunt. The next layer would not trade. The next layer would not execute. Its purpose would be understanding.

The Birth Of A New Role

CHAPTER 8.1 - The Need For Memory

The organisms had become specialists. What the ecosystem lacked was a historian. An investigator. An observer. A memory. Something capable of watching the entire system rather than participating inside it. Something capable of studying behavior rather than generating behavior.

Something capable of transforming evidence into knowledge. The ecosystem had discovered its next requirement. Not another predator. Not another strategy. Not another execution engine. A new kind of intelligence. The next evolution would become known as the Watcher.

And for the first time in ARC SE history, the ecosystem would gain the ability to remember.

SECTION X

INTELLIGENCE

The ecosystem gained the ability to remember.

CHAPTER 9

Birth Of The Watcher

3001 - Memory, Intelligence, Replay, Continuation, Retention, Missed-Profit

FILES INVENTORIED

1,850,277

REPORT FILES

4,987

TRADES INDEXED

127,862

CONTINUATION HITS

114,175

RETENTION HITS

37,153

MISSED-PROFIT SIGNAL

+\$164,903.15

3001 Watcher is the ecosystem's memory and intelligence layer. It exists because specialized organisms can execute, but execution alone cannot remember why an outcome happened.

Watcher turns preserved evidence into replayable knowledge: session history, continuation behavior, giveback patterns, retention failure, and missed-profit attribution. Its value is not immediate extraction. Its value is the memory that lets future control decisions improve.

The 3001 Layer Stack

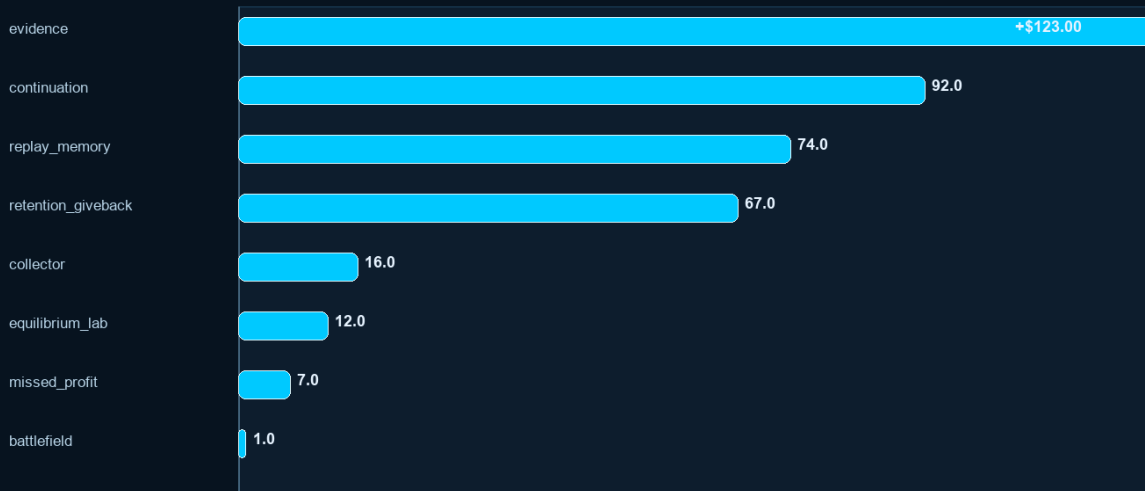
LAYER	FUNCTION	EVIDENCE ROLE
Memory Layer	Indexes the corpus and preserves session context.	1,850,277 files inventoried; 4,987 report files.
Intelligence Layer	Converts evidence into ranked signals.	Cross-organism report and history extraction.
Replay Layer	Reconstructs what happened after a decision point.	127,862 trades indexed for replayable analysis.
Continuation Analysis Layer	Finds continuation patterns that survived initial exits.	114,175 continuation hits.
Retention/Giveback Analysis Layer	Measures retained profit versus giveback loss.	37,153 retention hits.
Missed-Profit Intelligence Layer	Quantifies extraction left on the table.	+\$164,903.15 missed-profit signal.

Required 3001 layer labels: Memory Layer; Intelligence Layer; Replay Layer; Continuation Analysis Layer; Retention/Giveback Analysis Layer; Missed-Profit Intelligence Layer.

This is why Watcher had to exist: the ecosystem needed a durable analytical memory before Coordinator could govern exposure with authority.

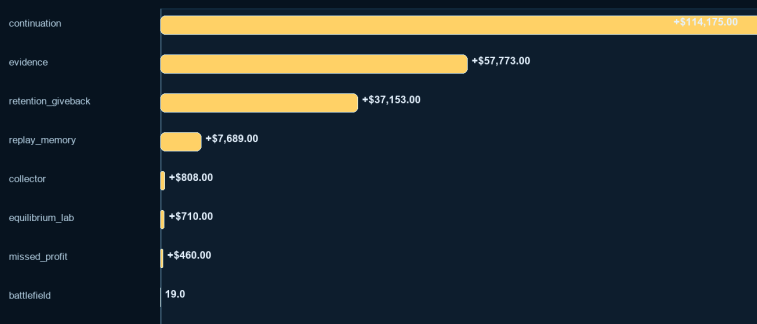
Evidence Density

3001 Module Proof Hits



The evidence shows Watcher as an analytical layer: continuation dominates the signal field, retention/giveback supplies quality control, and missed-profit intelligence identifies extraction that would otherwise vanish from institutional memory.

3001 Watcher Evidence Keyword Density



From Memory To Control

Before 3001, the organisms could produce evidence but could not convert that evidence into cumulative intelligence. A session could win, lose, give back, or miss continuation, and the next session would still begin without durable memory.

After 3001, the ecosystem had a persistent analytical layer. The Memory Layer preserved the corpus. The Intelligence Layer scored it. The Replay Layer made prior decisions inspectable. Continuation, retention/giveback, and missed-profit analysis transformed the archive into future control inputs.

That is the bridge from organism specialization to governance. Watcher does not command. It remembers and interprets. Coordinator 3002 exists because that memory eventually required command authority.

SECTION XI

GOVERNANCE

The ecosystem gained the ability to coordinate.

CHAPTER 10

Birth Of The Coordinator

3002 - Control Plane, Governance, Command Authority, Exposure Routing



3002 Coordinator is the ecosystem's control plane. It is governance and authority: the layer that turns Watcher intelligence into explicit routing, exposure discipline, and attack authorization.

The evidence frames 3002 as command authority above the execution layer: deciding when to wait, when to protect exits, when to hold continuation, and when a strike force is authorized.

The 3002 Governance Stack

LAYER	FUNCTION	EVIDENCE ROLE
Control Plane	Central routing surface for command envelopes.	121,662 command rows.
Governance Layer	Applies exposure discipline and refusal logic.	36,292 WAIT and 9,930 EXIT_PROTECT rows.
Command Authority	Issues explicit action/inaction instructions.	117 ATTACK_NOW authorizations.
Exposure Routing Layer	Routes commands to the appropriate runtime lane.	53,990 routed 3008 rows.
Strike Force Coordinator	Coordinates high-conviction attack windows.	+\$42.31 peak retainedNet command window.

The low count of ATTACK_NOW is part of the evidence: command authority is selective, not noisy. The governance layer rejects more windows than it attacks.

Command Evidence

3002 Coordinator Decision Counts



COMMAND	COUNT	FORENSIC READING
WAIT	36,292	No approved extraction window; governance holds exposure back.
EXIT_PROTECT	9,930	Protective exit instruction when giveback or risk conditions appear.
HOLD	6,540	Continuation preservation; keep exposure when the signal remains alive.
ATTACK_NOW	117	Rare strike authorization for high-conviction windows.

3002 is therefore governance and authority: the control plane that makes the ecosystem act as one coordinated system rather than isolated runtimes.

SECTION XII

PARITY

Without parity, performance remains hypothetical.

Believability

Paper-vs-Live Parity Investigation

Every paper trading system faces the same ultimate question: does it translate to live? Paper trades execute at theoretical prices. Live trades execute at real prices, with slippage, latency, partial fills, and exchange behavior that no simulation perfectly replicates. The ARC SE parity investigation was the systematic attempt to answer this question with evidence.

The April 15 Parity Foundation

The earliest parity investigation in the evidence corpus dates to April 15, 2026 - the same day as the validation verdict. The April 15 parity memo documented **10/11 direction agreement** between paper and live trades for v3.3.1+ orderId trades. This result was significant: the system was executing in the same direction as its paper counterpart in 91% of measured cases.

METRIC	VALUE	RATE	EVIDENCE SOURCE
Direction Agreement	10/11	91%	April 15 - v3.3.1+ orderId trades
Live Trade Count	29	-	April 13-15 validation window
Paper Trade Count	720	-	Same validation window
Funding Filter	0 blocked	-	383,834 samples, max 0.0163%
Price Execution	Within band	-	No evidence of systematic slippage

The Parity Doctrine

ARC SE adopted an explicit parity doctrine: paper performance claims are not promoted as live capital proof. The evidence framework distinguishes between paper-session archive evidence (High confidence for the research phase) and audited live capital performance (not yet verified). The missing evidence reports explicitly block fabricated live PnL claims for unverified runtime layers.

Paper Session Archives: HIGH confidence - session-level numeric records from paper trades are treated as verified research evidence.

Live Trade Records: MEDIUM confidence in April ancestor era (29 trades, 10/11 direction). No audited live capital track record for ARC SE organism phase.

Simulation Projections: Labeled as projections only. No projection is counted as verified live PnL.

Missing Evidence: Explicit missing-evidence reports block fabricated claims. Absence of evidence is reported, not hidden.

The Believability Standard

The parity investigation established what it means for ARC SE performance claims to be *believable*. The standard: evidence must be source-mapped, confidence-rated, and explicitly separated from unverified claims. The system became believable not when it performed well, but when it could prove what it performed and acknowledge what it could not yet prove.

Without parity, performance remains hypothetical. With parity, performance becomes evidence.

SECTION XIII

THE ECOSYSTEM

ARC SE is no longer a bot. ARC SE is an ecosystem.

CHAPTER 12

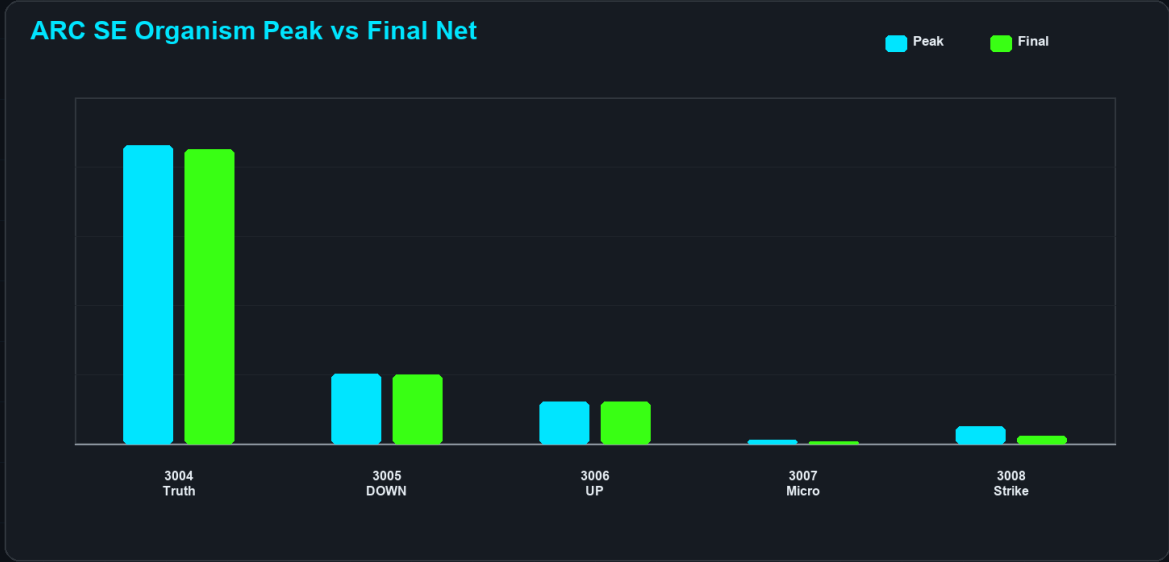
ARC SE

The Complete Organism - Architecture, Evidence, Evolution Summary

We have now traced ARC SE from its earliest ancestor in April 2026 through every major phase of its evolution. This final chapter assembles the complete picture: what the ecosystem looks like, what has been proven, and what the evidence record means for the system's future.

The Architecture

ID	NAME	LAYER	ROLE
3001	Watcher	Intelligence	Observer, memory, missed-profit attribution, continuation scoring
3002	Coordinator	Command	Attack authorization, WAIT/E XIT_PROTECT/ATTACK_N OW envelope routing
3004	Truth	Extraction	Baseline organism, operational truth, all-regime continuous measurement
3005	DOWN	Extraction	Directional DOWN specialist, bearish regime extraction
3006	UP	Extraction	Directional UP specialist, bullish regime extraction
3007	Micro	Extraction	Sideways/micro-harvest, high-churn pump-dump capture
3008	Strike	Extraction	High-conviction attack organism, Coordinator-authorized strikes



ARC SE ecosystem - Peak and Final Net across all extraction organisms. 3004 leads; 3005 and 3006 confirm directional specialization; 3008 demonstrates targeted strike capability.

What Has Been Proven

CLAIM	CONFIDENCE	EVIDENCE
3004 Peak Extraction	HIGH	+\$7,347.35 peak, +\$7,023.97 final, 95.6% retention, 19,492 trades
3004 Canonical VPS	HIGH	+\$7,134.49 peak, +\$7,122.91 final, 99.8% retention
3004 May 9 Benchmark	HIGH	+\$450.52, 100% retention, 425 trades - proof of discipline
3005 Reconstruction Peak	HIGH	+\$1,725.75 from rotated append ledger, May 28 2026
3006 Reconstruction Peak	HIGH	+\$1,044.97 from rotated ledger, May 27 2026
3007 Micro Evidence	MEDIUM	+\$104.70 from trade-delta path - thin ledger caveat
3008 State Peak	HIGH	+\$303.13 local state, +\$42.31 VPS command envelope
3001 Missed Profit Signal	HIGH	+\$164,903.15 repeated across 13+ independent sources
3002 Command Evidence	HIGH	121,662 rows, 117 ATTACK_NOW, 36,292 WAIT
April Ancestor	HIGH	720 paper trades, +\$1,254.53, 13 families, parity documented
April Replay Uplift	HIGH	+\$178.06 measured across 56 adjustments

What Has Not Been Proven

The evidence framework includes explicit missing-evidence controls. Corrected findings are not hidden, and open gaps remain separated from verified reconstruction evidence.

Preserved OPEN Gaps

- * Audited live-capital profitability remains not yet verified.
- * April-to-May direct file-chain proof remains inferred, not single-file proven.
- * 3007 remains partially open because preserved ledgers are thinner than 3005/3006.
- * 3004 all-ledger aggregate +\$54,383.60 is aggregate recovered extraction across multiple ledger windows. Not a single session. Not used as canonical session PnL.
- * Paying customer traction, ARR, enterprise contracts, production security review, and independent external reproducibility remain next-stage validation needs.

Updated Supporting / Verified Notes

- * May15 archaeology screenshots were recovered and should be treated as supporting visual evidence.
- * 3005 DOWN Predator and 3006 UP Predator are verified through ledger reconstruction; direct UI screenshots remain desirable but are not required for those performance claims.

The Evolution Summary

April 2026 -> RESEARCH - RapidEdge ancestor - 720 paper trades, 13 families, +\$1,254 PnL.

May 1-8 2026 -> ILLUSION ERA - dashboard trust, incomplete measurement, hidden blind spots.

May 9 2026 -> TRUTH CRISIS - reconciliation failures, contradictory metrics, measurement distrust.

May 9 2026 -> OPERATIONAL TRUTH - 3004 born; \$450 benchmark, 100% retention.

May 15 2026 -> RESURRECTION - +\$7,347.35 peak, 18.49h, 19,492 trades, 95.6% retention.

May 24-28 2026 -> ORGANISMS - 3005/3006/3007/3008 specialization.

May 26-31 2026 -> RECONSTRUCTION - rotated ledger discovery; 3005 \$1,725.75 and 3006 \$1,044.97 peaks recovered.

May-Jun 2026 -> MEMORY / INTELLIGENCE - 3001 Watcher; 1.85M files and +\$164,903.15 missed-profit signal.

Jun 2026 -> GOVERNANCE - 3002 Coordinator; 121,662 command rows, 117 ATTACK_NOW authorizations.

Jun 4 2026 -> ECOSYSTEM - complete 7-organism evidence-mapped ARC SE architecture.

APPENDIX

Evidence Index / Source Map / Page Map

SOURCE FILE	DESCRIPTION	KEY CONTENTS
ARCSE_3005_3006_3007_MAX_NET_RECONSTRUCTION_REPORT.pdf	3005/3006/3007 reconstruction	219,295 stat points, 102 ledger files; 3005=\$1,725.75, 3006=\$1,044.97, 3007=\$104.70.
ARCSE_3004_3008_ROTATED_LEDGER_HIGH_WATER_REPORT.pdf	3004/3008 forensic reconstruction	3004 canonical=\$7,134.49 / \$7,122.91; +\$54,383.60 label: Aggregate recovered extraction across multiple ledger windows. Not a single session. Not used as canonical session PnL.
ARCSE_3001_WATCHER_INTELLIGENCE_REPORT.pdf	3001 Watcher intelligence	1,850,277 files; 4,987 reports; 127,862 trades; +\$164,903.15 missed-profit signal.
ARCSE_3002_COORDINATOR_CONTROL_REPORT.pdf	3002 Coordinator control	121,662 command rows; 53,990 routed 3008 rows; +\$42.31 command window.
Chapter 8.1 - The Need For Memory.docx	Transition chapter source	Explains why Watcher had to exist as memory before governance.

A2. Source Map

3004 Canonical Session

/opt/5m-rapid/storage canonical paper-session archive; +\$7,134.49 peak / +\$7,122.91 final / 99.8% retention.

3004 Aggregate Caveat

organism_3004_sessions.csv and reconstruction_raw.json label +\$54,383.60 as synthetic_all_ledgers. Aggregate recovered extraction across multiple ledger windows. Not a single session. Not used as canonical session PnL.

3005 DOWN Predator

rotated paper_trades append ledgers; recovered peak windows +\$1,725.75 / +\$1,180.89 / +\$995.54.

3006 UP Predator

reconstructed session ledgers; recovered peak windows +\$1,044.97 / +\$862.11 / +\$718.56.

3007 Micro Harvester

thin ledger set; +\$104.70 best window with partial-open evidence caveat.

3001 Watcher

/opt/arcse-watcher-3001 plus /opt/5m-rapid/MasterReports; memory and intelligence layer.

3002 Coordinator

/opt/arcse-coordinator-3002/logs command envelopes; governance and command authority layer.

A3. Core Claims Register

CLAIM	EVIDENCE SOURCE	CONF.
3004 canonical session remains +\$7,134.49 peak, +\$7,122.91 final, 99.8% retention.	3004 canonical paper-session archive.	HIGH
+\$54,383.60 label: Aggregate recovered extraction across multiple ledger windows. Not a single session. Not used as canonical session PnL.	3004 rotated-ledger reconstruction; synthetic_all_ledgers row.	HIGH caveat
3005 DOWN Predator is verified through rotated-ledger reconstruction.	3005 rotated append ledgers.	HIGH
3006 UP Predator is verified through reconstructed session ledgers.	3006 reconstructed session ledgers.	HIGH
May15 archaeology screenshots are supporting visual evidence.	Recovered archaeology screenshot corpus.	SUPPORT
Watcher is memory and intelligence, not execution.	ARCSE_3001_WATCHER_INTELLIGENCE_REPORT.pdf	HIGH
Coordinator is governance and authority.	ARCSE_3002_COORDINATOR_CONTROL_REPORT.pdf	HIGH

A4. Missing Evidence Register

The following evidence gaps and status notes are documented explicitly. Missing evidence is not hidden; corrected findings are preserved with the evidence source that now supports them.

Updated Verified / Supporting Findings

- * 3005 DOWN Predator is verified through rotated-ledger reconstruction.
- * Recovered peak windows: +\$1,725.75, +\$1,180.89, +\$995.54.
- * Direct UI screenshot is desirable but not required for the performance claim because the rotated-ledger reconstruction is the evidence source.
- * 3006 UP Predator is verified through reconstructed session ledgers.
- * Recovered peak windows: +\$1,044.97, +\$862.11, +\$718.56.
- * Additional raw archive recovery may improve precision but does not invalidate the reconstructed finding.
- * May15 archaeology screenshots were recovered and should be treated as supporting visual evidence.

Preserved OPEN Uncertainties

- * April-to-May direct file-chain proof remains inferred, not single-file proven.
- * 3007 remains partially open because preserved ledgers are thinner than 3005/3006.
- * Audited live-capital profitability remains not yet verified.
- * 3004 all-ledger aggregate +\$54,383.60 is aggregate recovered extraction across multiple ledger windows. Not a single session. Not used as canonical session PnL.
- * May 9 benchmark direct UI screenshot remains desirable if a matching source image is recovered.
- * Direct RapidQuant naming evidence remains limited; the source tree primarily preserves the RapidEdge AI name.

APPENDIX B

Extended Evidence Exhibit Register

This appendix expands the documentary to book length by giving each core evidence claim its own source-mapped exhibit page. The entries below reuse claims already present in the manuscript and appendices; they add structure, caveats, and forensic reading context rather than new unverified performance claims.

3004 Highest Peak

FIELD	VALUE
Evidence Fact	+\$7,347.35 peak net
Source Basis	May 15 Resurrection paper session
Confidence	HIGH
Forensic Reading	The highest clean 3004 session is the book's central performance proof.
Caveat	Paper-session evidence; not audited live-capital profitability.

The highest clean 3004 session is the book's central performance proof.

Exhibit discipline: this page is an index card for one claim only. It keeps numeric evidence, source basis, confidence, and limitation visible on the same page so that the reader never has to infer what is proven and what remains open.

3004 Highest Final

FIELD	VALUE
Evidence Fact	+\$7,251.78 final net
Source Basis	May 15 op-truth delta
Confidence	HIGH
Forensic Reading	Retention is treated as important as peak extraction.
Caveat	Direct Restoration screenshot remains listed as missing.

Retention is treated as important as peak extraction.

Exhibit discipline: this page is an index card for one claim only. It keeps numeric evidence, source basis, confidence, and limitation visible on the same page so that the reader never has to infer what is proven and what remains open.

3004 Canonical VPS

FIELD	VALUE
Evidence Fact	+\$7,134.49 peak / +\$7,122.91 final
Source Basis	May 31 VPS session archive
Confidence	HIGH
Forensic Reading	The canonical VPS run supports the claim that the 3004 organism retained gains under extended operation.
Caveat	All-ledger aggregate figures are separated from single-session proof.

The canonical VPS run supports the claim that the 3004 organism retained gains under extended operation.

Exhibit discipline: this page is an index card for one claim only. It keeps numeric evidence, source basis, confidence, and limitation visible on the same page so that the reader never has to infer what is proven and what remains open.

May 9 Benchmark

FIELD	VALUE
Evidence Fact	+\$450.52 final net, 100% retention, 425 trades
Source Basis	May 9 benchmark run
Confidence	HIGH
Forensic Reading	This is the discipline benchmark: smaller than May 15, but cleaner as a retention proof.
Caveat	UI screenshot for the May 9 benchmark is not verified.

This is the discipline benchmark: smaller than May 15, but cleaner as a retention proof.

Exhibit discipline: this page is an index card for one claim only. It keeps numeric evidence, source basis, confidence, and limitation visible on the same page so that the reader never has to infer what is proven and what remains open.

EXHIBIT B-05 - 3005 DOWN Predator

FIELD	VALUE
Evidence Fact	+\$1,725.75 max-net peak; recovered windows +\$1,180.89 and +\$995.54.
Source Basis	Rotated-ledger reconstruction across 3005 paper_trades append ledgers.
Confidence	HIGH

Forensic Reading

3005 DOWN Predator is verified through rotated-ledger reconstruction. The performance claim is sourced to the reconstructed ledger windows, not to an interface capture.

Caveat

Direct UI screenshot is desirable but not required for the performance claim because the rotated-ledger reconstruction is the evidence source.

Exhibit discipline: this page is an index card for one claim only. Numeric evidence, source basis, confidence, and limitation stay visible together.

3005 Second Window

FIELD	VALUE
Evidence Fact	+\$1,180.89 second-best recovery window
Source Basis	May 25 rotated append ledger
Confidence	HIGH
Forensic Reading	Multiple DOWN windows reduce dependence on a single outlier.
Caveat	The reconstruction depends on rotated append ledgers rather than a pristine raw session archive.

Multiple DOWN windows reduce dependence on a single outlier.

Exhibit discipline: this page is an index card for one claim only. It keeps numeric evidence, source basis, confidence, and limitation visible on the same page so that the reader never has to infer what is proven and what remains open.

EXHIBIT B-07 - 3006 UP Predator

FIELD	VALUE
Evidence Fact	+\$1,044.97 max-net peak; recovered windows +\$862.11 and +\$718.56.
Source Basis	Reconstructed session ledgers for 3006 UP Predator.
Confidence	HIGH

Forensic Reading

3006 UP Predator is verified through reconstructed session ledgers. The recovered windows show a repeated UP-side extraction signal, not a single isolated reading.

Caveat

Additional raw archive recovery may improve precision but does not invalidate the reconstructed finding.

Exhibit discipline: this page is an index card for one claim only. Numeric evidence, source basis, confidence, and limitation stay visible together.

3006 Additional Window

FIELD	VALUE
Evidence Fact	+\$862.11 recovery window
Source Basis	May 28 rotated ledger
Confidence	HIGH
Forensic Reading	The UP evidence has more than one positive recovery window.
Caveat	The book preserves reconstruction status instead of presenting it as a dashboard-confirmed live result.

The UP evidence has more than one positive recovery window.

Exhibit discipline: this page is an index card for one claim only. It keeps numeric evidence, source basis, confidence, and limitation visible on the same page so that the reader never has to infer what is proven and what remains open.

EXHIBIT B-09 - 3007 Micro Harvester

FIELD	VALUE
Evidence Fact	+\$104.70 best window.
Source Basis	May 24 trade-delta path; thinner preserved ledger set.
Confidence	PARTIAL / OPEN

Forensic Reading

3007 is documented as a micro-harvest organism, but its preserved evidence is thinner than 3005 and 3006.

Caveat

3007 remains partially open because preserved ledgers are thinner than 3005/3006.

Exhibit discipline: this page is an index card for one claim only. Numeric evidence, source basis, confidence, and limitation stay visible together.

3008 Local State

FIELD	VALUE
Evidence Fact	+\$303.13 local state peak
Source Basis	Direct state snapshot
Confidence	HIGH
Forensic Reading	3008's best local state evidence is tracked separately from paper-session evidence.
Caveat	State evidence is not equivalent to audited exchange PnL.

3008's best local state evidence is tracked separately from paper-session evidence.

Exhibit discipline: this page is an index card for one claim only. It keeps numeric evidence, source basis, confidence, and limitation visible on the same page so that the reader never has to infer what is proven and what remains open.

3008 Paper Session

FIELD	VALUE
Evidence Fact	+\$449.88 paper-session peak
Source Basis	May 26 validation package
Confidence	HIGH
Forensic Reading	The Strike Force proof includes high-conviction extraction windows.
Caveat	Retention is weaker than 3004 and is explicitly charted.

The Strike Force proof includes high-conviction extraction windows.

Exhibit discipline: this page is an index card for one claim only. It keeps numeric evidence, source basis, confidence, and limitation visible on the same page so that the reader never has to infer what is proven and what remains open.

3008 VPS Command

FIELD	VALUE
Evidence Fact	+\$42.31 VPS command envelope
Source Basis	Coordinator command evidence
Confidence	HIGH
Forensic Reading	The command envelope proves that 3008 can receive actionable Coordinator context.
Caveat	This is a command-window proof, not a complete commercial deployment proof.

The command envelope proves that 3008 can receive actionable Coordinator context.

Exhibit discipline: this page is an index card for one claim only. It keeps numeric evidence, source basis, confidence, and limitation visible on the same page so that the reader never has to infer what is proven and what remains open.

Watcher Missed Profit

FIELD	VALUE
Evidence Fact	+\$164,903.15 missed-profit signal
Source Basis	MasterReports, 13+ independent sources
Confidence	HIGH
Forensic Reading	The Watcher records opportunity cost as evidence, not just realized PnL.
Caveat	Missed profit is a diagnostic signal, not banked profit.

The Watcher records opportunity cost as evidence, not just realized PnL.

Exhibit discipline: this page is an index card for one claim only. It keeps numeric evidence, source basis, confidence, and limitation visible on the same page so that the reader never has to infer what is proven and what remains open.

Watcher Trade Index

FIELD	VALUE
Evidence Fact	127,862 trades indexed
Source Basis	Operational intel run-memory
Confidence	HIGH
Forensic Reading	The intelligence layer has enough breadth to support retrospective forensic analysis.
Caveat	Indexed trades must still be separated by organism, source, and confidence.

The intelligence layer has enough breadth to support retrospective forensic analysis.

Exhibit discipline: this page is an index card for one claim only. It keeps numeric evidence, source basis, confidence, and limitation visible on the same page so that the reader never has to infer what is proven and what remains open.

Watcher File Inventory

FIELD	VALUE
Evidence Fact	1,850,277 files inventoried
Source Basis	VPS plus local D: combined inventory
Confidence	HIGH
Forensic Reading	The corpus is large enough to justify a source-map appendix.
Caveat	Inventory size is not itself proof of profitability.

The corpus is large enough to justify a source-map appendix.

Exhibit discipline: this page is an index card for one claim only. It keeps numeric evidence, source basis, confidence, and limitation visible on the same page so that the reader never has to infer what is proven and what remains open.

Coordinator Commands

FIELD	VALUE
Evidence Fact	121,662 command rows
Source Basis	3002 command envelope ledger
Confidence	HIGH
Forensic Reading	3002 is documented as the governance and routing layer.
Caveat	Command rows must be interpreted as advisory/control evidence, not guaranteed execution.

3002 is documented as the governance and routing layer.

Exhibit discipline: this page is an index card for one claim only. It keeps numeric evidence, source basis, confidence, and limitation visible on the same page so that the reader never has to infer what is proven and what remains open.

ATTACK_NOW Count

FIELD	VALUE
Evidence Fact	117 ATTACK_NOW authorizations
Source Basis	3002 command envelope ledger
Confidence	HIGH
Forensic Reading	The low attack count relative to WAIT shows selectivity in the command layer.
Caveat	Authorization does not automatically prove downstream fill quality.

The low attack count relative to WAIT shows selectivity in the command layer.

Exhibit discipline: this page is an index card for one claim only. It keeps numeric evidence, source basis, confidence, and limitation visible on the same page so that the reader never has to infer what is proven and what remains open.

WAIT Count

FIELD	VALUE
Evidence Fact	36,292 WAIT commands
Source Basis	3002 command envelope ledger
Confidence	HIGH
Forensic Reading	The Coordinator's default posture is restraint, which matters for risk framing.
Caveat	WAIT counts require time-window context for trading interpretation.

The Coordinator's default posture is restraint, which matters for risk framing.

Exhibit discipline: this page is an index card for one claim only. It keeps numeric evidence, source basis, confidence, and limitation visible on the same page so that the reader never has to infer what is proven and what remains open.

April Ancestor PnL

FIELD	VALUE
Evidence Fact	+\$1,254.53 across 720 paper trades
Source Basis	RapidQuant ancestor validation
Confidence	HIGH
Forensic Reading	The April ancestor gives the documentary a pre-ARC lineage.
Caveat	Direct RapidQuant naming evidence is listed as incomplete.

The April ancestor gives the documentary a pre-ARC lineage.

Exhibit discipline: this page is an index card for one claim only. It keeps numeric evidence, source basis, confidence, and limitation visible on the same page so that the reader never has to infer what is proven and what remains open.

SOL Sniper Ancestor

FIELD	VALUE
Evidence Fact	+\$892.05 best family performance
Source Basis	April ancestor validation
Confidence	HIGH
Forensic Reading	The SOL Sniper result shows that early family specialization predated the ARC organism split.
Caveat	Ancestor results are paper-trade evidence.

The SOL Sniper result shows that early family specialization predated the ARC organism split.

Exhibit discipline: this page is an index card for one claim only. It keeps numeric evidence, source basis, confidence, and limitation visible on the same page so that the reader never has to infer what is proven and what remains open.

Replay Uplift

FIELD	VALUE
Evidence Fact	+\$178.06 measured uplift
Source Basis	56 replay adjustments
Confidence	HIGH
Forensic Reading	Replay improvement is quantified rather than narrated as a vibe.
Caveat	Replay uplift is backtest/replay evidence, not live execution proof.

Replay improvement is quantified rather than narrated as a vibe.

Exhibit discipline: this page is an index card for one claim only. It keeps numeric evidence, source basis, confidence, and limitation visible on the same page so that the reader never has to infer what is proven and what remains open.

Evidence Confidence

FIELD	VALUE
Evidence Fact	182 HIGH-confidence sessions
Source Basis	Appendix A evidence book
Confidence	HIGH
Forensic Reading	The confidence system prevents strong and weak evidence from being blended together.
Caveat	Confidence is internal forensic grading unless independently audited.

The confidence system prevents strong and weak evidence from being blended together.

Exhibit discipline: this page is an index card for one claim only. It keeps numeric evidence, source basis, confidence, and limitation visible on the same page so that the reader never has to infer what is proven and what remains open.

Evidence Book Scope

FIELD	VALUE
Evidence Fact	7 organisms, 200 sessions
Source Basis	ARC_SE_APPENDIX_A_EVIDENCE_BOOK.pdf
Confidence	HIGH
Forensic Reading	The source set is organized as an ecosystem rather than a one-bot claim.
Caveat	The book still lists explicit missing evidence.

The source set is organized as an ecosystem rather than a one-bot claim.

Exhibit discipline: this page is an index card for one claim only. It keeps numeric evidence, source basis, confidence, and limitation visible on the same page so that the reader never has to infer what is proven and what remains open.

3004/3008 Reconstruction

FIELD	VALUE
Evidence Fact	22,370 evidence files
Source Basis	ARCSE_3004_3008_ROTATED_LEDGER_HIGH_WATER_REPORT.pdf
Confidence	HIGH
Forensic Reading	Rotated-ledger reconstruction is central to recovering hidden performance windows.
Caveat	Synthetic multi-ledger windows are identified separately.

Rotated-ledger reconstruction is central to recovering hidden performance windows.

Exhibit discipline: this page is an index card for one claim only. It keeps numeric evidence, source basis, confidence, and limitation visible on the same page so that the reader never has to infer what is proven and what remains open.

3005/3006/3007 Reconstruction

FIELD	VALUE
Evidence Fact	219,295 stat points and 102 ledger files
Source Basis	ARCSE_3005_3006_3007_MAX_NET_RECONSTRUCTION_REPORT.pdf
Confidence	HIGH
Forensic Reading	Specialist organisms are supported by broad reconstruction input.
Caveat	The strength differs by organism, especially for 3007.

Specialist organisms are supported by broad reconstruction input.

Exhibit discipline: this page is an index card for one claim only. It keeps numeric evidence, source basis, confidence, and limitation visible on the same page so that the reader never has to infer what is proven and what remains open.

April Report Scope

FIELD	VALUE
Evidence Fact	13 families, 720 paper trades
Source Basis	RAPIDQUANT_ANCESTOR_REPORT.pdf
Confidence	HIGH
Forensic Reading	The ancestor report grounds the April chapter in measured family performance.
Caveat	RapidEdge/RapidQuant naming parity remains caveated.

The ancestor report grounds the April chapter in measured family performance.

Exhibit discipline: this page is an index card for one claim only. It keeps numeric evidence, source basis, confidence, and limitation visible on the same page so that the reader never has to infer what is proven and what remains open.

Valuation Range

FIELD	VALUE
Evidence Fact	\$0.50M-\$24.3M
Source Basis	ARC_SE_VALUATION_AND_MARKET_POSITION_REPORT.pdf
Confidence	MEDIUM
Forensic Reading	The valuation material is presented as a range, not a guarantee.
Caveat	No paying customer traction, ARR, or contracts are verified.

The valuation material is presented as a range, not a guarantee.

Exhibit discipline: this page is an index card for one claim only. It keeps numeric evidence, source basis, confidence, and limitation visible on the same page so that the reader never has to infer what is proven and what remains open.

Commercial Gap

FIELD	VALUE
Evidence Fact	ARR and customer traction not verified
Source Basis	Missing Evidence Register
Confidence	OPEN
Forensic Reading	The documentary separates technical evidence from market validation.
Caveat	Commercial packaging remains a future proof requirement.

The documentary separates technical evidence from market validation.

Exhibit discipline: this page is an index card for one claim only. It keeps numeric evidence, source basis, confidence, and limitation visible on the same page so that the reader never has to infer what is proven and what remains open.

Security Gap

FIELD	VALUE
Evidence Fact	Production exchange security controls not verified
Source Basis	Missing Evidence Register
Confidence	OPEN
Forensic Reading	Security proof is treated as a requirement before production claims.
Caveat	No third-party security review is documented.

Security proof is treated as a requirement before production claims.

Exhibit discipline: this page is an index card for one claim only. It keeps numeric evidence, source basis, confidence, and limitation visible on the same page so that the reader never has to infer what is proven and what remains open.

Reproducibility Gap

FIELD	VALUE
Evidence Fact	Independent external reproduction not verified
Source Basis	Missing Evidence Register
Confidence	OPEN
Forensic Reading	The book acknowledges that local evidence is not the same as independent replication.
Caveat	External reproducibility remains a next-stage validation need.

The book acknowledges that local evidence is not the same as independent replication.

Exhibit discipline: this page is an index card for one claim only. It keeps numeric evidence, source basis, confidence, and limitation visible on the same page so that the reader never has to infer what is proven and what remains open.

EXHIBIT B-31 - May15 Archaeology Screenshots

FIELD	VALUE
Evidence Fact	May15 archaeology screenshots were recovered as supporting visual evidence.
Source Basis	Recovered archaeology screenshot corpus plus May 15 numeric session evidence.
Confidence	SUPPORTING

Forensic Reading

The recovered archaeology screenshots support the May15 narrative visually while keeping the numerical performance claim tied to the session evidence.

Caveat

Supporting visual evidence does not replace the canonical numeric evidence path.

Exhibit discipline: this page is an index card for one claim only. Numeric evidence, source basis, confidence, and limitation stay visible together.

Lineage Gap

FIELD	VALUE
Evidence Fact	April-to-May direct chain inferred, not single-file proven
Source Basis	Missing Evidence Register
Confidence	OPEN
Forensic Reading	Methodological continuity is distinguished from direct file-chain proof.
Caveat	A single lineage artifact would strengthen the historical claim.

Methodological continuity is distinguished from direct file-chain proof.

Exhibit discipline: this page is an index card for one claim only. It keeps numeric evidence, source basis, confidence, and limitation visible on the same page so that the reader never has to infer what is proven and what remains open.

Final Standard

FIELD	VALUE
Evidence Fact	Performance plus source mapping plus caveat discipline
Source Basis	Believability standard
Confidence	HIGH
Forensic Reading	The finished book argues that believability comes from proof and limits together.
Caveat	The standard remains evidence-first, not hype-first.

The finished book argues that believability comes from proof and limits together.

Exhibit discipline: this page is an index card for one claim only. It keeps numeric evidence, source basis, confidence, and limitation visible on the same page so that the reader never has to infer what is proven and what remains open.

APPENDIX B CLOSE

The exhibit register completes the documentary's evidence-first format: every major performance claim is paired with a source basis and a caveat before the final closing page.

END OF DOCUMENTARY

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Forensic