

EA X-Ray Deep

Commercial product specification | Forensic diagnosis for strategies that justify deeper scrutiny

REFERENCE PRICE

\$599

FOUNDING OFFER

\$249

LAUNCH POSITIONING

Temporary founding-customer discount for customers who need a deeper, decision-grade investigation before committing meaningful capital.

Deep is for the customer who needs to know why the result exists, where it can break, and whether the strategy deserves the next stage of validation or rehabilitation.

1. Product role

EA X-Ray Deep is QuantWeaver’s forensic diagnostic tier for Expert Advisors (EAs) and other automated trading strategies. It goes beyond headline performance and first-pass credibility checks to investigate the strategy thesis, implementation fidelity, causal timing, cost sensitivity, market dependence, path behaviour and evidence quality.

Deep still does not replace formal Strategy Validation. It is designed to produce a decision-grade diagnosis and identify exactly what deeper validation, repair or rejection is justified.

2. Best-fit customer

- A customer considering meaningful capital and unwilling to rely on a backtest alone.
- An owner whose backtest, demo and live results disagree and who wants root-cause analysis.
- A strategy with strong headline metrics but uncertainty around overfitting, costs or implementation.
- A vendor or small systematic team needing a deeper independent technical review.
- A Core customer whose initial X-Ray identifies material unanswered questions.
- A strategy owner deciding whether rehabilitation is economically justified.

3. Required intake

Area	Specification
Strongly preferred	Authoritative source code, set/config files, stated trading thesis, symbols/timeframes, broker assumptions, historical reports and any existing

	live/demo evidence.
Where multiple implementations exist	MQL5 and Python versions should both be supplied so parity can be assessed.
Data	Sufficient historical data or reproducible test artefacts for the agreed scope. If critical data is missing, Deep may conclude DATA BLOCKED rather than substitute an unauthorized proxy.
Customer question	The exact decision the customer is trying to make: fund, continue testing, diagnose divergence, rehabilitate, or stop.

4. Deep analysis scope

Area	Specification
Strategy-thesis reconstruction	Identify the mechanism the strategy claims to exploit, the source of direction or premium, intended market conditions, expected failure states and the assumptions doing the work.
Source and implementation review	Inspect implementation logic for defects, unsupported constructs, hidden assumptions, causal timing problems and behavior that departs from the stated thesis.
Port fidelity	Where both MQL5 and Python exist, compare formulas, timing, direction, state, stop/target logic and representative signals/trades to identify material divergence.
Look-ahead and causality	Review closed-bar timing, higher-timeframe alignment, future leakage, revised-data risk and other constructs that can make historical results look better than a strategy could have known in real time.
Execution realism	Stress spread, commission, slippage, financing, fill assumptions, same-bar ambiguity and broker/instrument constraints where relevant.
Robustness and parameter fragility	Examine whether the result survives reasonable perturbation or depends on a narrow optimization peak. Use controls and sensitivity analysis where evidence allows.
Temporal and regime dependence	Segment performance across time, volatility, trend/range state, session and other defensible contexts without allowing context to manufacture direction.
Outcome geometry	Where suitable trade-level data exist, analyze MAE, MFE, path shape, stop/target feasibility, time-to-resolution and whether the apparent return had usable economic room after costs.

Live/demo divergence	Compare observed live/demo behaviour with historical expectations and classify whether divergence is more consistent with implementation, execution, regime, data, sample size or thesis weakness.
Evidence hierarchy	Separate what is directly evidenced from what is inferred, missing, historical, simulated, demo or live. Unknowns remain unknown.

5. Deep deliverables

Area	Specification
Executive diagnosis	A concise investor-style summary of what is driving confidence or concern.
Forensic evidence matrix	Findings grouped by thesis, data, implementation, causality, execution, robustness, market dependence and outcome geometry.
Root-cause ranking	Material issues ranked by severity and evidence strength, with competing explanations retained where uncertainty remains.
Failure-state map	Where the evidence supports it, identify conditions under which the strategy appears to weaken, fail or become economically unattractive.
Remediation map	What should be repaired, retested, left alone or treated as a new hypothesis. This is a research plan, not a promise of improvement.
Validation-readiness view	State whether the strategy appears ready for formal Strategy Validation, needs remediation first, lacks adequate data, or should be rejected as a research candidate.
Decision disposition	A clear next step: validate, rehabilitate, forward-test under defined constraints, gather missing evidence, or stop.

6. What Deep does not include

- A full formal WFO certification campaign unless Strategy Validation is purchased separately.
- Unlimited redesign or optimization work. Rehabilitation is a separate scoped engagement.
- Managed execution, capital allocation or investment-advisory authority.
- A guarantee that defects can be repaired or that a repaired strategy will be profitable.
- Publication of proprietary strategy logic or customer source code.

7. When Deep should lead to Rehabilitation

Rehabilitation is justified when Deep finds a plausible economic mechanism or trading thesis worth preserving and the evidence points to fixable implementation, execution, expression or test-design weaknesses.

Changing parameters until the backtest improves is not a repair strategy. A better backtest does not prove that you fixed the strategy.

If Deep concludes that the thesis itself is unsupported, that critical data are unavailable, or that realistic costs remove the apparent edge, the correct output may be to stop rather than sell the customer more engineering.

8. Service level and relationship to Core

Initial launch target: approximately 7 to 10 business days after complete intake, subject to complexity, data quality and queue load. This target should be recalibrated after the first customer cohort.

Core is the lower-cost triage product. Deep is appropriate when the stakes, strategy complexity or evidence ambiguity justify a fuller forensic investigation. A Core customer who upgrades to Deep should not be charged twice for work already completed; launch operations should define an upgrade-credit policy.

9. Commercial terms

Reference price: \$599.

Temporary founding-customer price: \$249.

The discount is intended to accelerate early adoption and generate high-quality customer cases while keeping the service positioned as specialist research rather than low-cost optimization.

Trading involves risk. EA X-Ray Deep is a research and diagnostic service. Historical, simulated, demo or live observations do not guarantee future performance.