

Options Execution & Trade-Lifecycle Automation

The operational layer between trade intent and controlled execution

As trading becomes increasingly AI and agent-driven, a critical infrastructure gap is emerging between trade intent and controlled execution. Trade intent can originate from traders, strategy engines, signal systems, AI-driven systems and emerging agentic workflows. But turning that intent into a qualified, broker-connected options trade, and carrying it through a controlled, actively managed lifecycle to verified close, requires a purpose-built execution layer. That operational middle is the continuous options-specific workflow from qualified contract selection through execution, risk controls, active lifecycle management, verified close and reporting. SmarterStrike is that layer. It continuously maintains a trade-ready inventory of pre-qualified option contracts, SmarterStrikes, and unifies user-directed, automated, AI and agentic trade intent within one continuous operational workflow, providing an architecture capable of extending that continuity across risk signals, intent, execution, lifecycle and outcome. It is a mature operational platform with a broker-neutral execution engine and a formalized broker adapter interface designed for integration into a larger trading ecosystem without requiring the core platform to be rebuilt.

THREE WAYS TO INITIATE A TRADE

Webhook / AI & Agentic Instructions

Integrates with external signal generation, automation and AI-driven systems through a webhook interface, including directional instructions from agentic workflows. Approved requests move through qualified contract selection, controlled execution, configured risk management and continuous monitoring.

SmarterStrikes

A continuously updated grid of pre-qualified option contracts, filtered and ranked using liquidity and execution-quality metrics. Live bid/ask pricing, spread, volume, open interest, implied volatility and configurable Greeks are visible on each card. Contracts are continuously evaluated and maintained in a trade-ready state, allowing execution, risk management, position monitoring and reporting to begin immediately upon selection.

On-Demand Execution

Enter a ticker and direction, and SmarterStrike automatically identifies, selects and executes a qualifying contract. Ideal for symbols outside the current pre-qualified strikes list or when execution is preferred without manually selecting a specific contract.

ONE CONTINUOUS OPERATIONAL WORKFLOW

01 QUALIFY

Maintain a trade-ready inventory of pre-qualified contracts across configured symbols and expiries, replacing contracts as conditions change.

02 SELECT

Rank eligible contracts using configurable priorities and select from the inventory or a live chain scan.

03 EXECUTE

Revalidate the contract, apply sizing, utilization, commission and order controls, submit and confirm the broker fill.

04 MANAGE

Bring every confirmed fill under continuous monitoring for loss/profit protection, partial exits and trailing logic and operator controls.

05 RECONCILE

Verify exit fills and remaining broker positions; reconcile quantities, prices, commissions, realized P&L and final closure.

06 REPORT

Maintain a complete dashboard trade history and structured CSV trade record, deliver detailed emails for each trade event, and generate full performance reports on-demand or at end-of-day.

EXECUTION, RISK & LIFECYCLE CONTROLS

Execution & Operating Controls

- Qualification & authority:** contracts continuously qualified and revalidated against live price, spread, volume and liquidity criteria.
- Capital & pretrade protection:** fixed or percentage sizing, ceilings, minimum utilization, price band, spread and commission controls, duplicate/cooldown protection.
- Controlled execution:** configurable limit price padding, live bid/ask/midpoint rechecks, fill timeouts, all-or-nothing or adaptive partial fill handling.
- Broker-confirmed positions:** any quantity filled at the broker is treated as real and brought under management; order status alone is never accepted as proof.
- Unified operating control:** the browser-based dashboard brings together trade-ready SmarterStrikes, on-demand initiation, webhook approvals, open-position monitoring, runtime configuration, operational alerts, trade history and reporting across desktop and mobile. Updated settings apply to subsequent trades while open positions retain the rules active at entry.

Lifecycle, Verification & Reporting

- Automated lifecycle:** post-entry protection window, early loss/hard stop thresholds, profit protection, partial exits and step-based trailing logic.
- Operator safeguards:** live price exit logic, slippage controls, manual/bulk/emergency close, blocked trade alerts, optional scheduled EOD closure.
- Broker reconciliation:** fills, positions, entry/exit prices, commissions and realized P&L reconciled from broker records before closure is finalized.
- Complete record:** persistent structured trade records preserve the execution and lifecycle context required for reconciliation and downstream analysis.
- Reporting & audit trail:** a persistent structured CSV preserves the complete trade record. Detailed emails accompany entries, partial exits and final closes, while full performance reports can be generated on-demand or at end-of-day for reconciliation, performance analysis, downstream research and AI-assisted analysis.

PLATFORM CHARACTERISTICS

Trade-Ready Inventory

Continuously maintains and ranks pre-qualified contracts, reducing delay between trade intent and controlled execution.

One Workflow, Multiple Entry Paths

Contract qualification, execution, risk management, position management, reporting and broker-verified trade closure operate within a single integrated workflow, regardless of how the trade originated.

Unified Operating Dashboard

A browser-based control interface brings together SmarterStrikes, on-demand execution, webhook approvals, live positions, runtime settings, trade history and reporting across desktop and mobile.

Broker-Verified Outcomes

Fills and positions remain authoritative; figures reconciled before records and notifications are finalized.

Integration-Ready

A broker-neutral execution engine keeps broker-specific connectivity separate from the core platform, so the system can adapt to whatever infrastructure a given path forward requires.

Highlights

- Supports automated, AI and agentic trading direction** by turning directional instructions into qualified, risk-managed and continuously monitored options positions.
- Extends advanced trading functionality** while making complex options workflows more accessible through streamlined contract selection, controlled execution, full lifecycle management, broker reconciliation and verified outcomes.
- Operates as an integrated system**, with contract selection, execution, lifecycle management, reconciliation and reporting operating within one connected workflow.
- Built on a modular, broker-neutral foundation** with defined integration boundaries for additional brokerage or execution infrastructure.