

GOLD_MORGAN

QUANT V3.0.0

Quant Trading Platform User Operation Manual

Complete English Edition - Includes All Interface Screenshots

Software	Gold_Morgan Quant V3.0.0
Edition	2026-09
Time Base	New York Time (NY/ET)
Document	User Operation Guide

This manual explains software interfaces and operating procedures only and is not investment advice. Before using a live account, become familiar with order entry, cancellation, stops, strategies, and automation in an IBKR Paper Account.

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Quick Operating Principles

- Log in to and connect TWS before connecting Quant.
- Before any order, confirm symbol, account, quantity, session, and order type.
- If you see BLOCKED, DATA BLOCK, UNKNOWN, or INVALID, investigate the cause instead of repeatedly clicking.
- For automated strategies, use WATCH first, test in Paper, and enable AUTO only after validation.
- IBKR Broker state is the final truth for orders and positions.

1. TWS Connection and Startup

Connect Gold_Morgan Quant to the Interactive Brokers TWS API before using the trading interface.

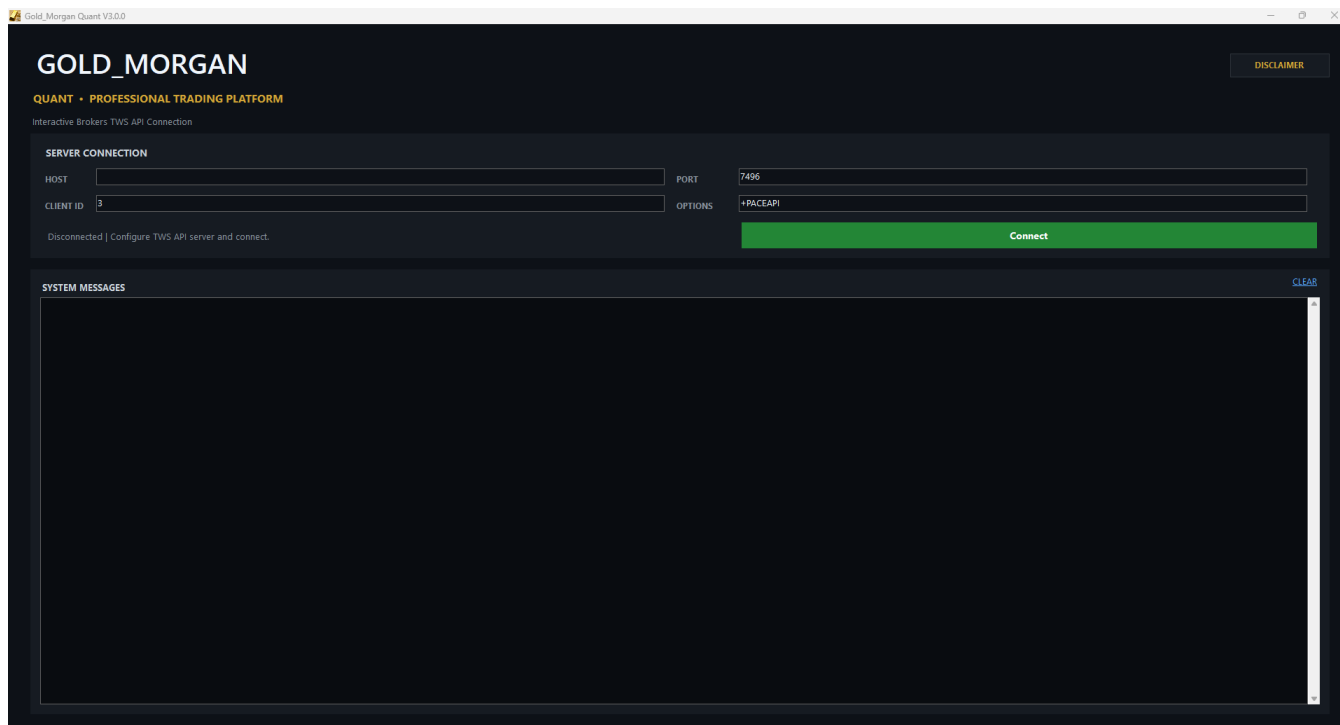


Figure 1 - SERVER CONNECTION startup screen

Recommended startup order Start and log in to IBKR TWS -> confirm TWS API is enabled -> start Quant -> verify HOST/PORT -> click Connect.

UI / Parameter	Meaning
HOST	Use 127.0.0.1 (or localhost) when TWS and Quant run on the same computer.
PORT	Must match the TWS API Socket Port. Common defaults are 7496 for Live and 7497 for Paper; use the actual TWS setting if changed.
CLIENT ID	Identifies an API client. The default is normally fine; avoid duplicate IDs when multiple API programs connect.
OPTIONS	Normally keep the system default, for example +PACEAPI.
Connect	Establishes the API connection between Quant and TWS.
SYSTEM MESSAGES	Shows connection, API, error, and runtime messages. Include this area in support screenshots.
CLEAR	Clears only the on-screen log display; it does not delete account, order, or trade data.
DISCLAIMER	Opens risk disclosures and disclaimers.

1. Confirm TWS is logged in.
2. Confirm the required TWS API socket settings and port are enabled.
3. Click Connect and confirm the screen no longer shows Disconnected.
4. If connection fails, check TWS status, HOST, PORT, firewall, and API permissions first.

2. Main Trading Interface

The main window contains the top status bar, stock list, chart, trading panel, and Positions / Orders areas.

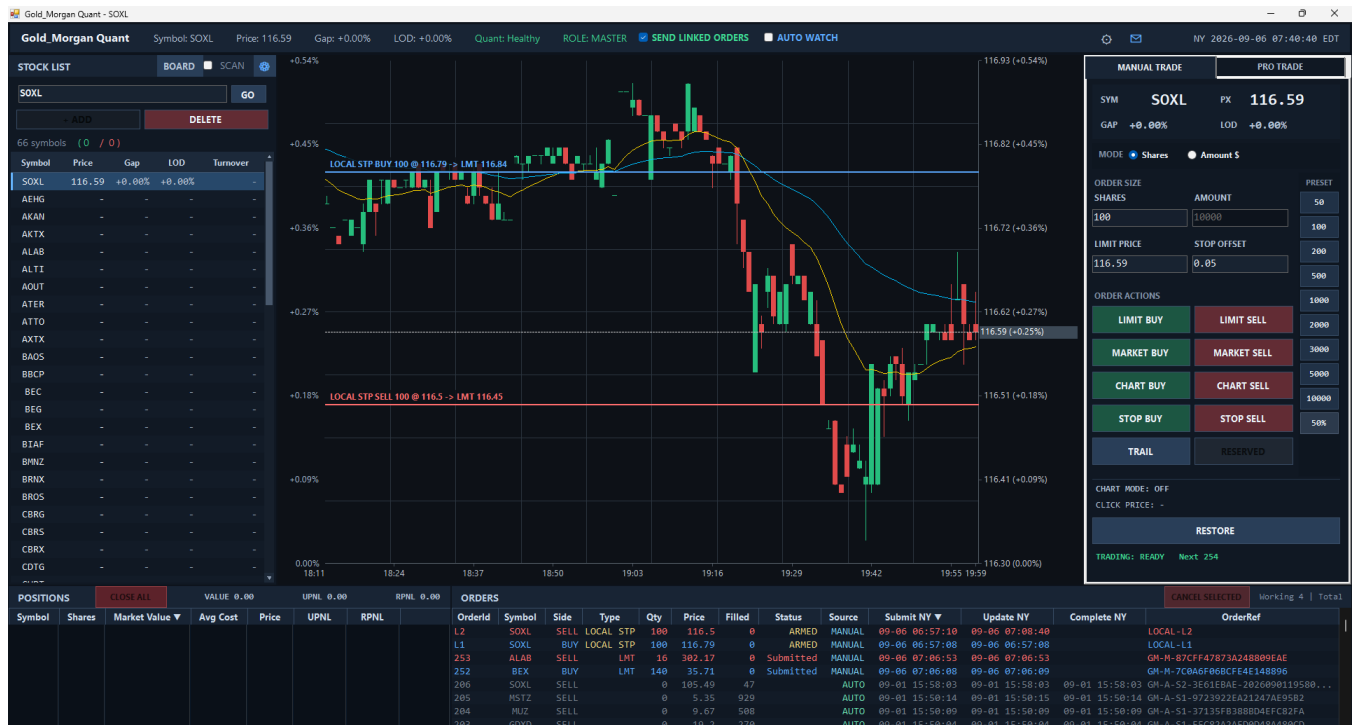


Figure 2 - Gold_Morgan Quant main trading interface

UI / Parameter	Meaning
Top status bar	Shows Symbol, Price, Gap, LOD, Quant Health, ROLE, SEND LINKED ORDERS, AUTO WATCH, and New York time.
STOCK LIST	Click a symbol to switch; use GO to navigate; +ADD / DELETE manage the list.
BOARD / SCAN	BOARD opens Market Board; SCAN enables/disables automatic scanning.
Chart	Shows 1-minute candles, EMA20/EMA60, current price, and order/stop price lines.
MANUAL TRADE	Shares / Amount modes and Limit, Market, Chart, Stop order actions.
PRESET	Fast quantities such as 50, 100, 200, 500, 1000, 2000, 3000, 5000, 10000, and 50%.
POSITIONS	Shows Symbol, Shares, Market Value, Avg Cost, Price, UPNL, and RPNL.
ORDERS	Shows OrderId, Symbol, Side, Type, Qty, Price, Filled, Status, Source, timestamps, and OrderRef.
CLOSE ALL	Closes all positions. This is a high-impact action; verify the account and positions first.
CANCEL SELECTED	Cancels the selected working order; verify the Broker accepted the cancellation by checking Status.

Status check TRADING: READY means the trading module is ready. If you see BLOCKED, Disconnected, UNKNOWN, or another warning, resolve the cause before trading.

Source identifies where an order came from, for example MANUAL or AUTO. UPNL is unrealized P&L; RPNL is realized P&L.

3. MARKET BOARD

A fast intraday dashboard for leaders, rebounds from low, new highs/lows, scanner additions, trades, and positions.

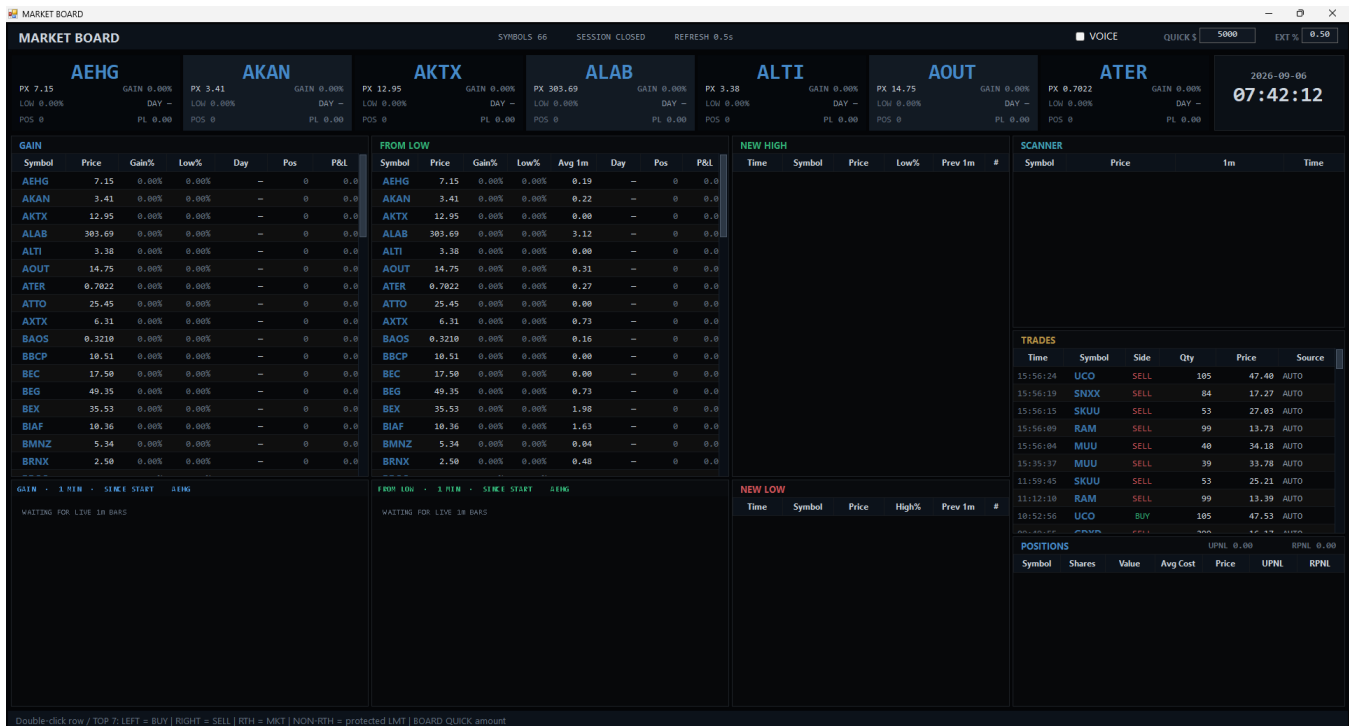


Figure 3 - MARKET BOARD

UI / Parameter	Meaning
TOP 7	Top focus cards with PX, GAIN, LOW, DAY, POS, and PL. Double-click left for BUY and right for SELL.
QUICK \$	Sets the notional amount for Board quick orders.
VOICE	Turns Market Board voice alerts on or off.
GAIN	Ranks strength since the symbol entered the current Quant Runtime.
FROM LOW	Shows rebound from Runtime Low together with Avg 1m activity.
GAIN / FROM LOW - 1 MIN	Short-term live 1-minute movement; WAITING FOR LIVE 1m BARS means data is not ready.
NEW HIGH / NEW LOW	Logs Runtime highs/lows with time, price, previous 1m activity, and count.
SCANNER	Shows newly scanned symbols entering Quant.
TRADES	Recent fills with Time, Symbol, Side, Qty, Price, and Source.
POSITIONS	Current positions and UPNL/RPNL.

Data baseline Gain, Low, and High runtime statistics begin when the symbol enters the current Quant Runtime. They do not backfill the entire trading day before that point.

During RTH the Board can use market execution; outside RTH it uses protected limit behavior to reduce price risk in thinner liquidity.

4. SCAN SETTINGS

Configure automatic scanner filters for pre-market, regular hours, and after-hours.

SCAN SETTINGS

Common

Minimum Price: 0.10 Maximum Price: 500.00 Scan Interval (sec): 60

Pre-Market

Results: 20 Min Gain %: 10.00 Min USD Volume: 200,000

Regular Hours

Results: 20 Min Gain %: 10.00 Min USD Volume: 500,000

USD Volume / Min: 30,000

After Hours

Results: 10 Min Gain %: 10.00 Min USD Volume: 300,000

Restore Defaults Cancel Save

Figure 4 - SCAN SETTINGS

UI / Parameter	Meaning
Minimum / Maximum Price	Allowed stock price range.
Scan Interval (sec)	How often the automatic scan runs; 60 means once per minute.
Pre-Market Results	Maximum number of pre-market results per cycle.
Pre-Market Min Gain %	Minimum pre-market gain requirement.
Pre-Market Min USD Volume	Minimum pre-market dollar volume.
Regular Hours Results	Maximum number of RTH results per cycle.
Regular Hours Min Gain %	Minimum RTH gain requirement.
Regular Hours Min USD Volume	Minimum RTH dollar volume.
USD Volume / Min	Minimum dollar volume per minute to filter out currently inactive symbols.

UI / Parameter	Meaning
After Hours	After-hours Results, Min Gain %, and Min USD Volume filters.
Restore Defaults	Restores the default scanner configuration.
Save / Cancel	Save and apply / discard unsaved changes.

Suggestion Start with the defaults. If too many symbols pass, raise Min Gain % or volume thresholds; if too few pass, lower them gradually.

5. GLOBAL SETTINGS

Central access to License, Linked Account, Telegram, Auto Trade, and language settings.

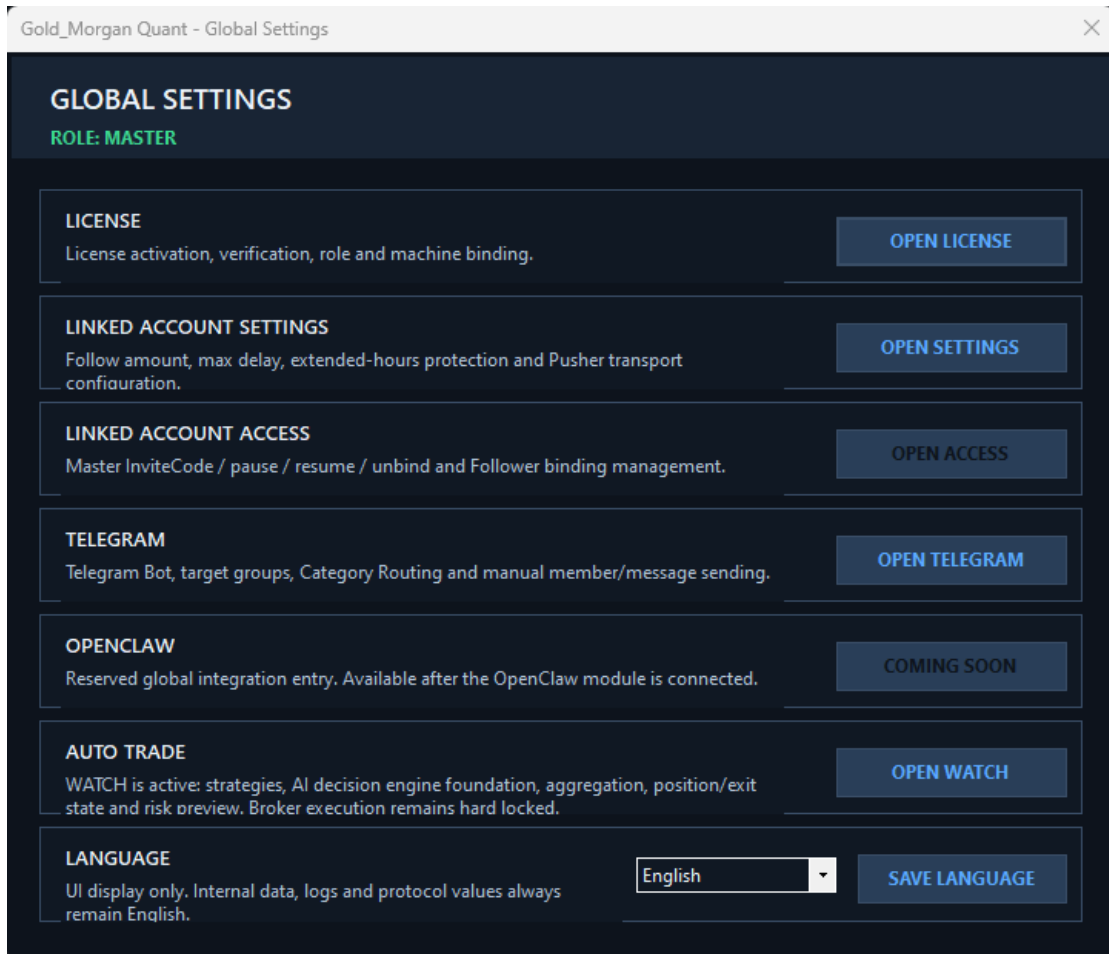


Figure 5 - GLOBAL SETTINGS

UI / Parameter	Meaning
ROLE	Shows the current license role, such as MASTER / PRIMARY, LINKED, or an independent role.
LICENSE - OPEN LICENSE	Activation, verification, role, and machine binding.
LINKED ACCOUNT SETTINGS	Follow/Pusher transport configuration.
LINKED ACCOUNT ACCESS	Invite Code, binding, and unbinding management.
TELEGRAM	Bot, groups, routing, message workbench, and health.
OPENCLAW	Availability follows the current build; unavailable versions show COMING SOON.
AUTO TRADE - OPEN WATCH	Opens automated strategy monitoring.
LANGUAGE	Changes UI display language; internal data, logs, and protocol values remain English.

If a module is unavailable, first verify that the current License includes the required entitlement.

6. LICENSE Management

View activation status, trial/formal license, role, machine binding, and offline grace.

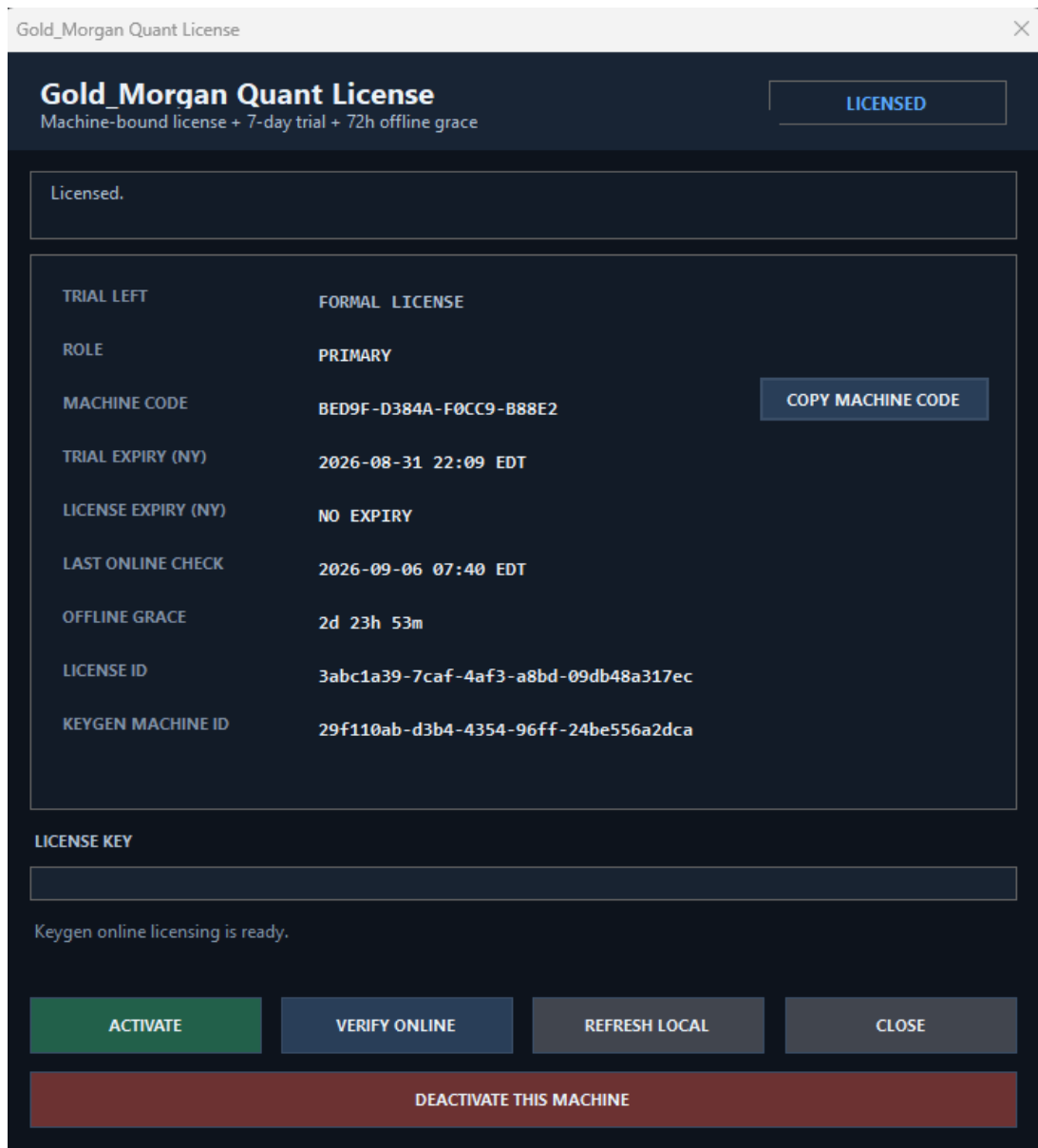


Figure 6 - Gold_Morgan Quant License

UI / Parameter	Meaning
LICENSED	The current machine is successfully licensed.
TRIAL LEFT / FORMAL LICENSE	Shows remaining trial time or formal license state.
ROLE	The role granted by the current license, for example PRIMARY.
MACHINE CODE	Machine identifier; use COPY MACHINE CODE when support requests it.
TRIAL EXPIRY	Trial expiration time.

UI / Parameter	Meaning
LICENSE EXPIRY	Formal license expiration; NO EXPIRY means no fixed date is set.
LAST ONLINE CHECK	Most recent successful online verification time in New York time.
OFFLINE GRACE	Remaining offline grace when the license server is temporarily unreachable; the UI describes a 72-hour mechanism.
LICENSE ID / KEYGEN MACHINE ID	Internal licensing IDs; normally no user action is required.
LICENSE KEY + ACTIVATE	Paste a license key and click ACTIVATE for first-time activation.
VERIFY ONLINE	Immediately validates the license online.
REFRESH LOCAL	Reloads the local license state.
DEACTIVATE THIS MACHINE	Removes the current machine binding. Do not use during normal operation unless you intend to move/rebind the license.

If licensing fails Confirm Internet access -> VERIFY ONLINE -> REFRESH LOCAL -> confirm LICENSED. If still unresolved, send support the Machine Code and the error screenshot.

7. FOLLOW SETTINGS / PUSHER

Configures real-time Follow/Pusher communication between a Primary account and Linked accounts.

Gold_Morgan Quant - Follow Settings

FOLLOW SETTINGS / PUSHER

LICENSE ROLE **PRIMARY**

PRIMARY: SEND LINKED ORDERS is controlled from the main header. Configure PRIMARY identity/network settings here.

PRIMARY SETTINGS

SEND LINKED ORDERS is controlled from the main Quant header next to ROLE.

PRIMARY ID (LICENSE)
GM-M-25D2660367EFEF43

PRIMARY Identity is derived from the current Gold_Morgan PRIMARY LICENSE and cannot be edited. Followers bind through FOLLOW ACCESS + one-time InviteCode.

PUSHER NETWORK - PUBLIC CHANNEL TEST TRANSPORT

APP ID (PRIMARY) APP KEY CLUSTER

1896794 93b987f7671054b9ba44 us3

APP SECRET (PRIMARY ONLY)

.....

PUBLIC CHANNEL EVENT

gold-morgan-quant-follow gm-follow

AUTO CONNECT: Pusher connects when Quant starts. Saving Follow/Pusher settings automatically reconnects once with the new configuration.

SEND TEST

No auth server is configured, so the current transport supports public channels only. TEST messages never execute Broker orders. App Secret is never required on LINKED.

NETWORK: CONNECTED TX 0 RX 0 TEST 0 BIND 0 TRADE 0 REJECT 0

TEST - -
BIND - -
TRADE - - REJECT - -

Encrypted Follow/Pusher configuration loaded.

CLOSE SAVE

Figure 7 - FOLLOW SETTINGS / PUSHER

UI / Parameter	Meaning
LICENSE ROLE	Shows the current role, for example PRIMARY.
PRIMARY ID (LICENSE)	Derived from the Primary License and not manually editable.

UI / Parameter	Meaning
SEND LINKED ORDERS	Controlled from the main Quant header, not from this window.
APP ID / APP KEY / CLUSTER	Pusher application connection parameters.
APP SECRET	Sensitive Primary-side secret. Do not publish or share it with unrelated users.
PUBLIC CHANNEL / EVENT	Channel and event used by Follow transport.
AUTO CONNECT	Pusher connects automatically when Quant starts and reconnects using newly saved settings.
SEND TEST	Tests transport only; it never executes a Broker order.
NETWORK: CONNECTED	Indicates the Pusher network is currently connected.
TX / RX / TEST / BIND / TRADE / REJECT	Operational counters used for status checks and diagnostics.
SAVE / CLOSE	Save configuration / close the window.

Security Do not expose APP SECRET or similar credentials in public screenshots, member groups, or videos.

8. FOLLOW ACCESS / BINDING

A Linked account uses an Invite Code to create an active binding to one Primary account.

The screenshot shows a web application window titled "Gold_Morgan Follow Access". The main header is "FOLLOW ACCESS / BINDING" with a "ROLE: LINKED" indicator in the top right. The interface is divided into two main sections:

- LINKED - CURRENT PRIMARY BINDING:** This section displays the current binding status. It shows "MASTER: -", "MASTER LICENSE: -", "BINDING: -", and "STATUS: UNBOUND". A red button labeled "UNBIND PRIMARY" is located to the right of the status.
- BIND USING A NEW INVITE CODE:** This section contains an "INVITE CODE" input field and a blue button labeled "BIND NEW INVITE". Below the button, a note states: "First valid claimant wins. After entering the code, this app opens a temporary Claim Channel and waits for PRIMARY".

At the bottom of the interface, a message reads: "LINKED permission = valid Gold_Morgan LINKED LICENSE + ACTIVE PRIMARY Binding. Both are required." and a status bar at the very bottom says "Ready."

Figure 8 - FOLLOW ACCESS / BINDING

UI / Parameter	Meaning
ROLE: LINKED	The account is using the Linked role.
MASTER / MASTER LICENSE / BINDING	Shows the currently bound Primary/Master information.
STATUS: UNBOUND	No active Primary binding exists, so Linked trading is not active.
INVITE CODE	Paste the Invite Code supplied by the Primary.
BIND NEW INVITE	Submits the code and enters the claim/binding flow.
First valid claimant wins	The first valid Linked claimant to successfully use a code receives that binding.
UNBIND PRIMARY	Removes the current Primary binding. A new valid Invite Code is required to bind again.

Linked requirement A valid Gold_Morgan LINKED License and an ACTIVE PRIMARY Binding are both required.

5. Get a new Invite Code from the Primary.

6. Open FOLLOW ACCESS and paste it into INVITE CODE.
7. Click BIND NEW INVITE and keep Quant and the network online.
8. After completion, verify STATUS is no longer UNBOUND and confirm the Primary information.

9. TELEGRAM Notifications and Messaging

Configure the Bot, target groups, category routing, manual messages, and health diagnostics.

Gold_Morgan Quant - Telegram Settings

TELEGRAM NOTIFICATIONS

Bot + Groups + Routing + Sender + Workbench + Health. MEMBER groups stay simplified; ADMIN groups keep full diagnostics.

☒ **ENABLE TELEGRAM**

BOT TOKEN

STATUS ED

TEST BOT

MANAGE GROUPS

MESSAGE ROUTING

MESSAGE WORKBENCH

HEALTH / DIAG

GROUPS 3 | M 3 | A 0 | ON 3

ROUTES ENABLED: 9 / 12

HEALTH: HEALTHY | Q 0/500 | HW 1 | Sent 1 | Fail 0 | 429 0 | Retry 0 | Drop 0
Telegram Sender is healthy.

SAVE

CLOSE

Figure 9A - TELEGRAM NOTIFICATIONS

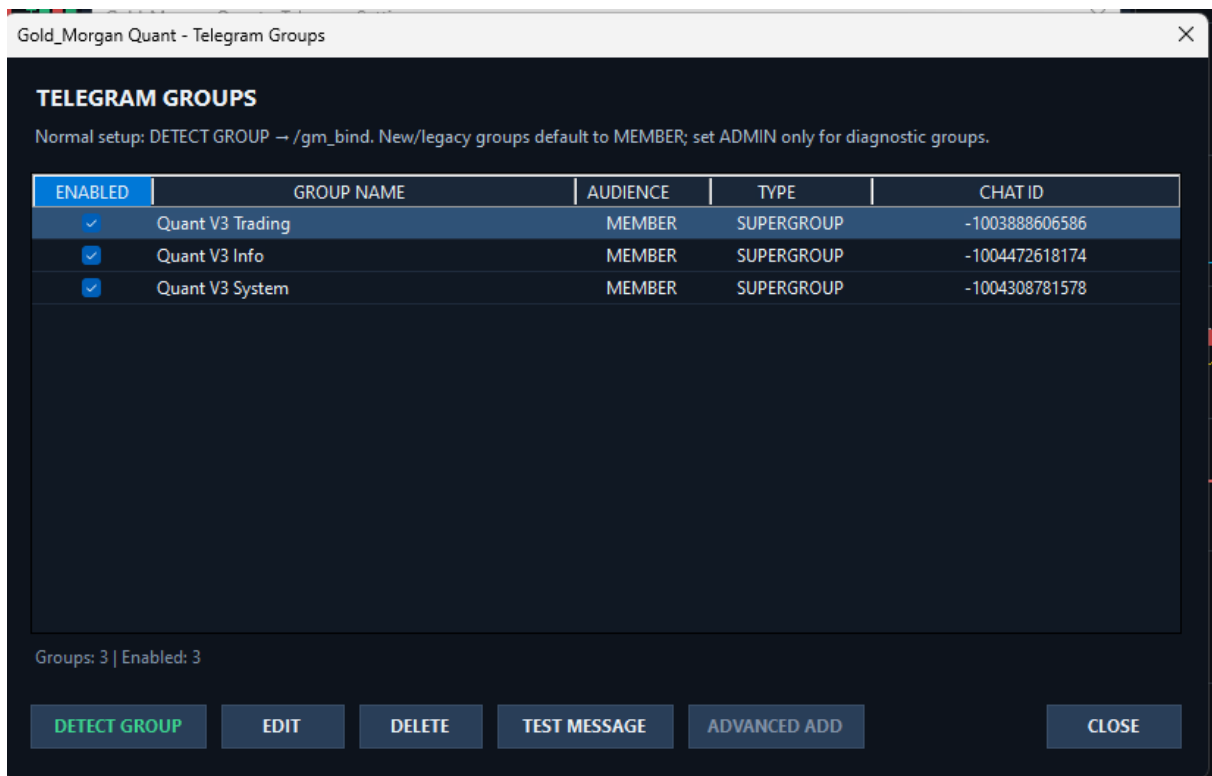


Figure 9B - TELEGRAM GROUPS

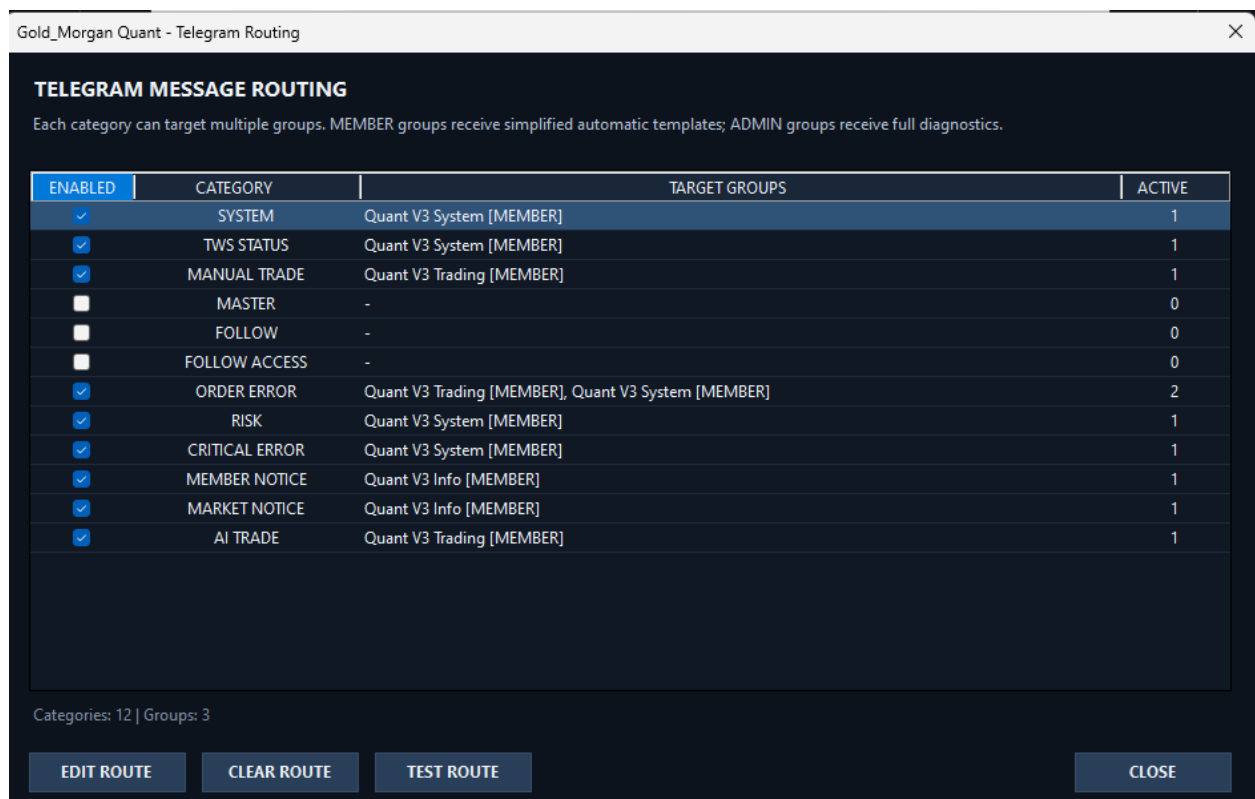


Figure 9C - TELEGRAM MESSAGE ROUTING

Figure 9E - TELEGRAM HEALTH DIAGNOSTICS

UI / Parameter	Meaning
ENABLE TELEGRAM	Enables or pauses the Telegram Sender; click SAVE after changes.
BOT TOKEN	Telegram Bot token. Treat it like a password and never publish it.
TEST BOT	Checks whether Quant can reach the Telegram Bot.
MANAGE GROUPS	Manages target groups and Chat IDs.
DETECT GROUP	Recommended binding: add Bot to group -> send /gm_bind in the group -> click DETECT GROUP in Quant.
TEST MESSAGE	Sends a test message to the selected group.
AUDIENCE	MEMBER is simplified member-facing output; ADMIN can be used for full diagnostics.
MESSAGE ROUTING	Maps each message Category to one or more target groups.
EDIT / CLEAR / TEST ROUTE	Edit, clear, or test routing for the selected Category.
MESSAGE WORKBENCH	Creates and sends manual Member, Market, Buy, Sell, or free-text messages.
PREVIEW	Shows the exact text that will be queued for Telegram.
RECENT SENDS	Current Quant session only; cleared when Quant exits.
HEALTH / DIAG	Shows Sender, Queue, Failed, Retry, and unresolved target issues.
RUN LIVE CHECK	Performs a live API check without posting a Telegram message.

Recommended group layout Quant V3 Trading for trades, Quant V3 Info for member/market notices, and Quant V3 System for system/TWS/risk messages.

Healthy state HEALTHY with Failed=0 and no unresolved target issues normally indicates the Telegram path is operating correctly.

10. AUTO TRADE WATCH and Strategy 1

WATCH displays strategy signals and risk state; Strategy Settings controls S1 entry, execution, stops, profit taking, and time rules.

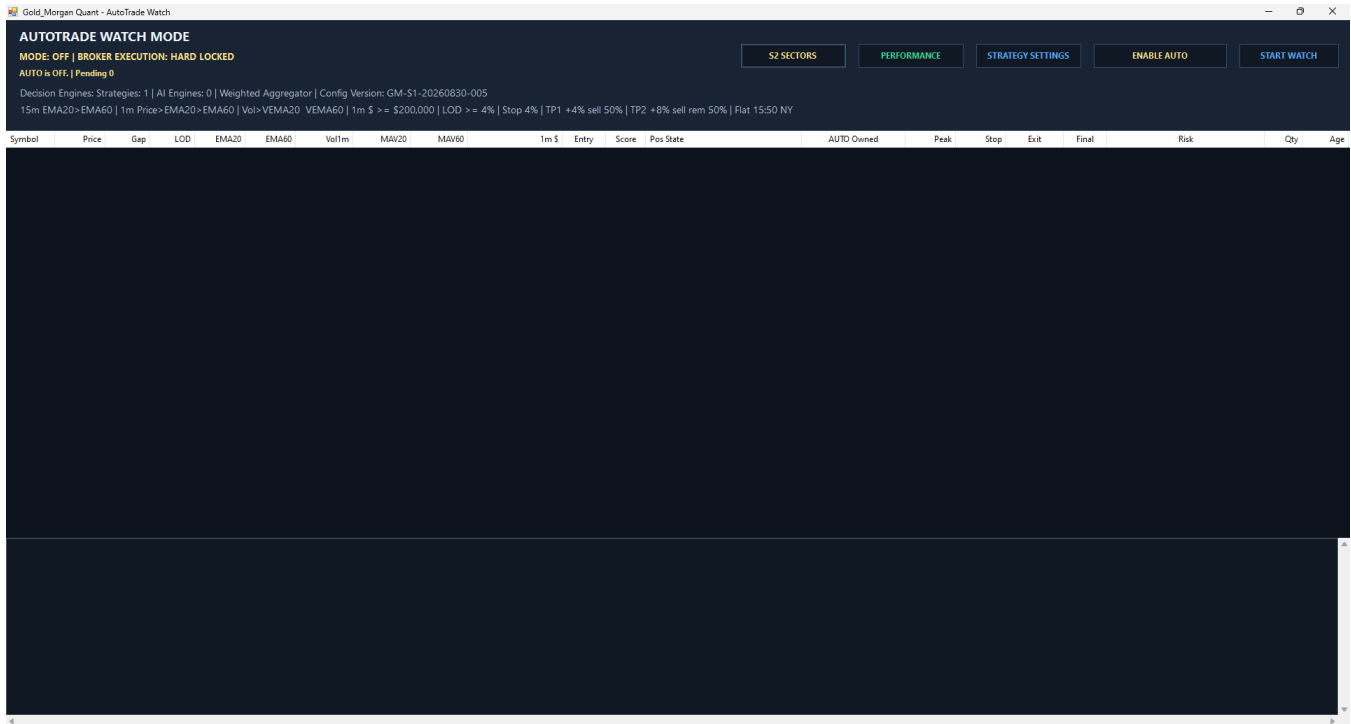


Figure 10A - AUTOTRADE WATCH MODE

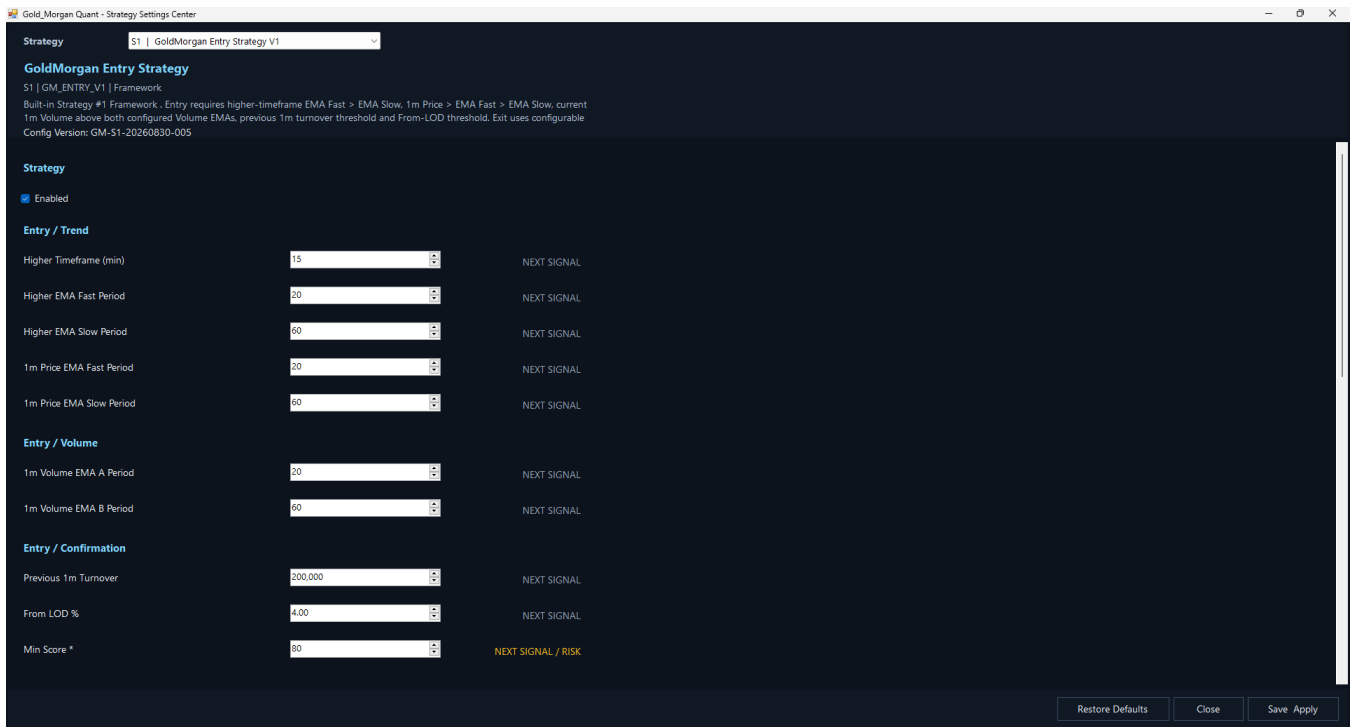


Figure 10B - S1 Entry / Trend / Volume / Confirmation

Gold_Morgan Quant - Strategy Settings Center

Strategy: S1 | GoldMorgan Entry Strategy V1

GoldMorgan Entry Strategy

S1 | GM_ENTRY_V1 | Framework
 Built-in Strategy #1 Framework: Entry requires higher-timeframe EMA Fast > EMA Slow, 1m Price > EMA Fast > EMA Slow, current 1m Volume above both configured Volume EMAs, previous 1m turnover threshold and From-LOD threshold. Exit uses configurable Config Version: GM-S1-20260830-005

Execution / Risk

Target Order Amount *	5,000	NEXT TRADE / RISK
Max Order Amount *	5,000	NEXT TRADE / RISK
Max Position Value *	10,000	NEXT TRADE / RISK
Max Open Positions *	5	NEXT TRADE / RISK
Max Market Age (sec) *	5	NEXT SIGNAL / RISK

New Position Cutoff (NY)

Cutoff Hour *	15	NEXT SIGNAL / RISK
Cutoff Minute *	10	NEXT SIGNAL / RISK

Position / Exit

Initial Stop % *	4.00	NEXT TRADE / RISK
TP1 Trigger % *	4.00	NEXT TRADE / RISK
TP1 Sell % *	50.00	NEXT TRADE / RISK
TP2 Additional Rise % *	4.00	NEXT TRADE / RISK
TP2 Sell Remaining % *	50.00	NEXT TRADE / RISK

Restore Defaults Close Save Apply

Figure 10C - S1 Execution / Risk and Position / Exit

Gold_Morgan Quant - Strategy Settings Center

Strategy: S1 | GoldMorgan Entry Strategy V1

GoldMorgan Entry Strategy

S1 | GM_ENTRY_V1 | Framework
 Built-in Strategy #1 Framework: Entry requires higher-timeframe EMA Fast > EMA Slow, 1m Price > EMA Fast > EMA Slow, current 1m Volume above both configured Volume EMAs, previous 1m turnover threshold and From-LOD threshold. Exit uses configurable Config Version: GM-S1-20260830-005

New Position Cutoff (NY)

Cutoff Hour *	15	NEXT SIGNAL / RISK
Cutoff Minute *	10	NEXT SIGNAL / RISK

Position / Exit

Initial Stop % *	4.00	NEXT TRADE / RISK
TP1 Trigger % *	4.00	NEXT TRADE / RISK
TP1 Sell % *	50.00	NEXT TRADE / RISK
TP2 Additional Rise % *	4.00	NEXT TRADE / RISK
TP2 Sell Remaining % *	50.00	NEXT TRADE / RISK

Force Liquidation (NY)

Force Liquidation Hour *	15	NEXT TRADE / RISK
Force Liquidation Minute *	50	NEXT TRADE / RISK

Signal Control

Direction Cooldown (sec)	0	NEXT SIGNAL
Signal Debounce Cycles	1	NEXT SIGNAL

Restore Defaults Close Save Apply

Figure 10D - S1 Position / Exit, Force Liquidation, Signal Control

UI / Parameter

Meaning

MODE / AUTO

OFF means automation is disabled; BROKER EXECUTION: HARD LOCKED means Broker auto execution is locked.

START WATCH

Starts signal, Score, risk, and position monitoring. WATCH is not the same as automated order submission.

ENABLE AUTO

Enables automated strategy execution. Verify TWS, market data, amounts, risk

UI / Parameter	Meaning
	parameters, account, and positions first.
STRATEGY SETTINGS	Opens strategy configuration.
Higher Timeframe / EMA	Example: 15-minute EMA20 / EMA60 trend filter.
1m Price EMA Fast/Slow	Example: 1-minute EMA20 / EMA60 price structure.
1m Volume EMA A/B	Volume activity filters.
Previous 1m Turnover	Minimum previous-minute dollar turnover.
From LOD %	Minimum rise from the day low.
Min Score	Minimum strategy score required to continue entry evaluation.
Target / Max Order Amount	Target order notional / maximum order notional.
Max Position Value / Max Open Positions	Maximum strategy position per symbol / maximum simultaneous open positions.
Max Market Age	Maximum acceptable age of market data.
New Position Cutoff	No new entries after this New York time.
Initial Stop / TP1 / TP2	Initial stop and staged take-profit settings.
Force Liquidation	New York time for forced end-of-day exit behavior.
Direction Cooldown / Debounce	Controls repeated direction signals and confirmation cycles.
Save Apply / Restore Defaults	Save and apply / restore defaults.

Example entry logic 15m trend strength + 1m Price>EMA20>EMA60 + volume conditions + previous 1m turnover >= 200,000 + From LOD >= 4% + Score >= 80 before continuing through Entry/Risk checks.

Example risk settings Screenshots show Target \$5,000; Max Position \$10,000; Initial Stop 4%; TP1 +4% selling 50%; TP2 after another 4% rise using the configured remaining-position percentage. Actual behavior follows the currently saved configuration.

11. Strategy 2 Sector / Basket Breadth

Strategy 2 determines direction from synchronized strength/weakness across a component basket. The current preset is Semiconductor / SOXX Top 15.

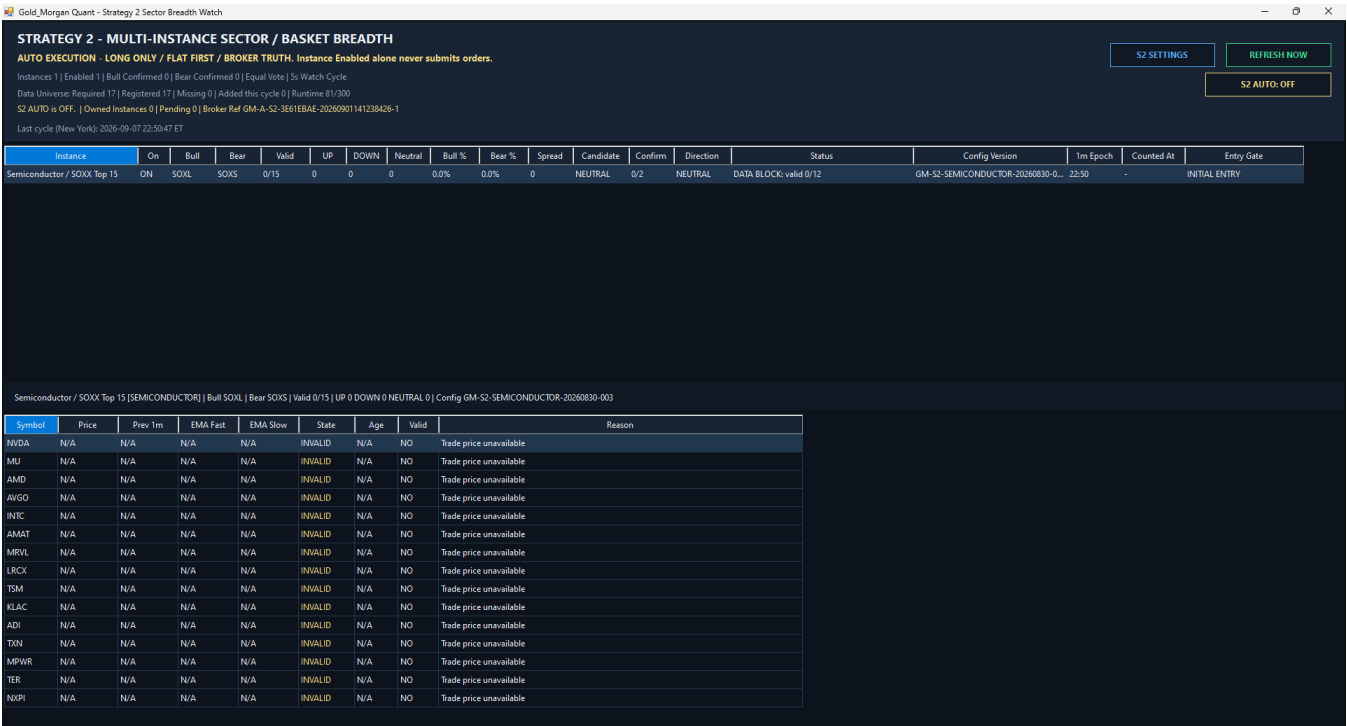


Figure 11A - Strategy 2 Sector / Basket Breadth Watch

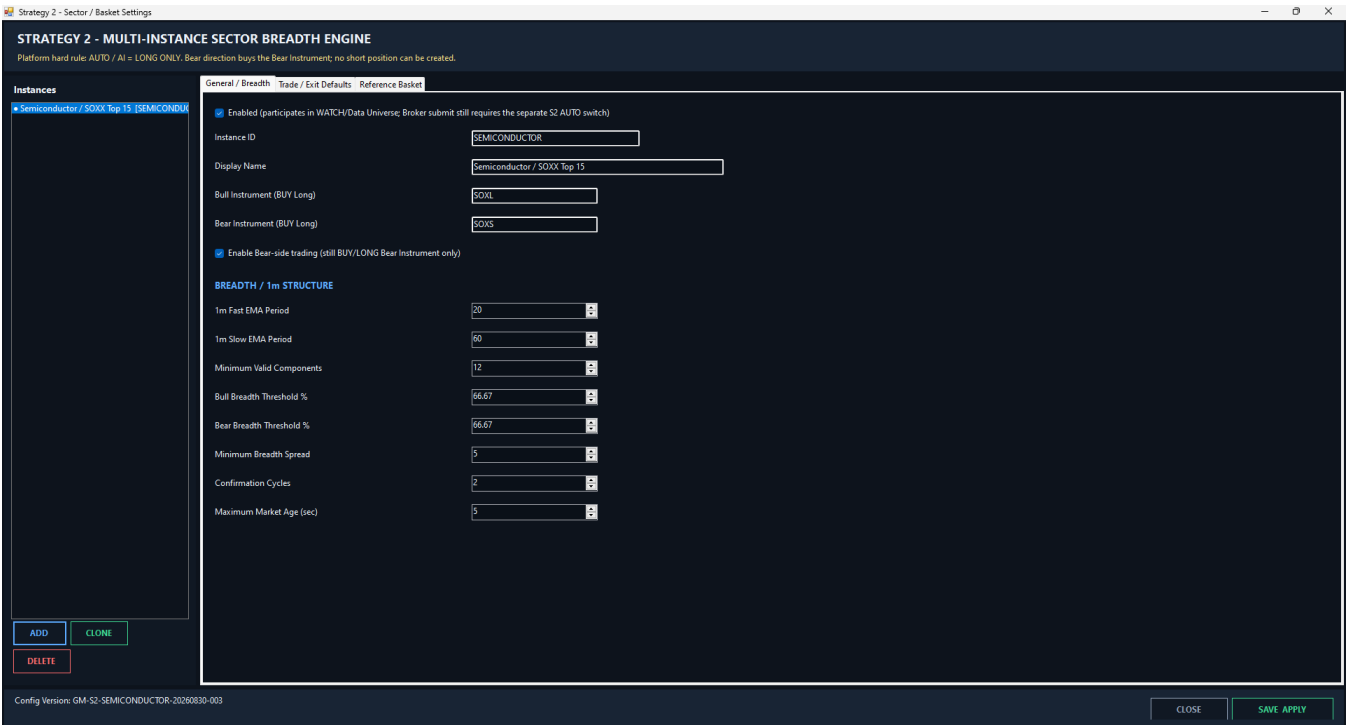


Figure 11B - S2 General / Breadth

Strategy 2 - Sector / Basket Settings

STRATEGY 2 - MULTI-INSTANCE SECTOR BREADTH ENGINE

Platform hard rule: AUTO / AI = LONG ONLY. Bear direction buys the Bear Instrument; no short position can be created.

Instances

- Semiconductor / SOXX Top 15 [SEMICONDUR]

ADD
CLONE
DELETE

General / Breadth / Trade / Exit Defaults / Reference Basket

POSITION SIZING / EXECUTION RISK

Target Order Notional: 5,000.00

Maximum Order Notional: 5,000.00

Maximum Instance Position Notional: 10,000.00

EXIT DEFAULTS - LONG POSITION ONLY

Initial Stop Loss %: 4.00

TP1 Trigger %: 4.00

TP1 Sell % of Original: 50.00

TP2 Additional Rise %: 4.00

TP2 Sell % of Remaining: 50.00

Hold Breadth Exit Threshold %: 50.00

Exit Confirmation Cycles: 2

☒ Opposite confirmed Breadth signal = full exit before any reverse-side entry

NEW YORK TIME

Entry Start Hour: 9

Entry Start Minute: 35

Entry Cutoff Hour: 15

Entry Cutoff Minute: 55

Force Liquidation Hour: 15

Force Liquidation Minute: 58

Config Version: GM-S2-SEMICONDUCTOR-20260830-003

CLOSE
SAVE APPLY

Figure 11C - S2 Trade / Exit Defaults

Strategy 2 - Sector / Basket Settings

STRATEGY 2 - MULTI-INSTANCE SECTOR BREADTH ENGINE

Platform hard rule: AUTO / AI = LONG ONLY. Bear direction buys the Bear Instrument; no short position can be created.

Instances

- Semiconductor / SOXX Top 15 [SEMICONDUR]

ADD
CLONE
DELETE

General / Breadth / Trade / Exit Defaults / Reference Basket

One symbol per line (comma / semicolon also accepted). Reference components use equal vote.

NVDA MU AMD AVGO INTC AMAT MRVL LRCX TSM KLAC ADI TXN MPWR TER NDXI

Basket Note / Source

SOXX Top 15 template. Review/update the basket before production use because ETF holdings change over time.

Breadth mode: Equal Vote (1 valid symbol = 1 vote). Weighted mode is not enabled.

Config Version: GM-S2-SEMICONDUCTOR-20260830-003

CLOSE
SAVE APPLY

Figure 11D - S2 Reference Basket

Core rule LONG ONLY + FLAT FIRST + BROKER TRUTH. Bull direction buys SOXL; Bear direction buys SOXS; the strategy does not create short positions.

UI / Parameter

Meaning

Enabled

Includes the instance in WATCH/Data Universe. Enabled alone never submits Broker orders.

UI / Parameter	Meaning
S2 AUTO	Separate execution switch. S2 AUTO: OFF means monitoring only.
Bull / Bear Instrument	Current preset SOXL / SOXS; Bear direction still means BUY/LONG SOXS.
Valid	Number of components with valid data, such as 12/15.
UP / DOWN / Neutral	Counts of strong, weak, and neutral components.
Bull % / Bear %	Bullish/bearish breadth among valid components.
Candidate / Confirm / Direction	Preliminary direction, confirmation progress, and final confirmed direction.
Status	Shows DATA BLOCK or other strategy/data states.
1m EMA20 / EMA60	A component is strong when Price>EMA20>EMA60 and weak under the opposite structure.
Minimum Valid Components	Example 12; breadth is blocked below the minimum.
Bull / Bear Threshold	Example 66.67%, roughly requiring two-thirds of valid components to agree.
Minimum Breadth Spread	Prevents a signal when Bull and Bear counts are too close.
Confirmation Cycles	Example 2; direction must remain valid for two consecutive cycles.
Maximum Market Age	Stale market data becomes invalid for voting.
Reference Basket	Current SOXX Top 15: NVDA, MU, AMD, AVGO, INTC, AMAT, MRVL, LRCX, TSM, KLAC, ADI, TXN, MPWR, TER, NXPI.
Equal Vote	Each valid component equals one vote; no market-cap weighting is used.
Target / Max Order Notional	Example target/maximum single order \$5,000.
Maximum Instance Position Notional	Example maximum instance position \$10,000.
Initial Stop / TP1 / TP2	Example: Stop 4%; TP1 at +4% sells 50% of original; TP2 after an additional 4% uses the configured remaining-position percentage.
Hold Breadth Exit Threshold	Breadth deterioration can trigger an exit evaluation.
Opposite confirmed signal	The old side is fully exited and Broker-flat is confirmed before a reverse-side entry.
Entry Start / Cutoff / Force Liquidation	Screenshot example: 09:35, 15:55, and 15:58 New York time.

When the market is closed If SESSION CLOSED or live data is unavailable, components can show N/A / INVALID / Trade price unavailable. The strategy should DATA BLOCK rather than generate a valid automated trade signal.

Basket maintenance ETF holdings change over time. Review SOXX top holdings periodically and update Reference Basket, then SAVE APPLY.

12. PRO TRADE

A professional intraday panel for Bid/Ask execution, market orders, repricing, fast scaling, stops, brackets/OCO, and hotkeys.

Figure 12A - PRO TRADE main panel

Figure 12B - PRO TRADE / MORE

UI / Parameter	Meaning
LAST / BID / ASK / SPR / AGE	Last trade, book prices, spread, and market-data age. Do not use book-dependent actions when data is missing or stale.
QTY	Order quantity; fast buttons include 100, 200, 500, 1K, with ... for more.
BUY ASK / SELL BID	More aggressive entry against the opposite side of the book.

UI / Parameter	Meaning
BUY MKT / SELL MKT	Market orders; fast execution with possible slippage.
POSITION / FLAT	Current symbol position; FLAT means no position.
ADD 50% / REDUCE 50%	Scale the current position up or down by a percentage.
FLATTEN	Quickly brings the current symbol position to flat. Confirm the symbol first.
REPRICE	TO BID, -0.01, +0.01, TO ASK; MORE provides +/-0.02 steps.
STOP / SET STOP	Configures and submits stop protection for the current position.
TO BE	Moves the stop toward break-even.
CANCEL SYMBOL	Cancels active orders for the current symbol.
BUY BID / SELL ASK	Passive orders resting at Bid/Ask.
TP %	Take-profit percentage used by bracket/OCO actions.
BUY + STOP / SELL + STOP	Entry with protective stop logic.
BUY BRACKET / SELL BRACKET	Bracket/OCO structure combining Entry, Take Profit, and Stop.
POSITION DETAIL	25%/50%/75%/100% position selection plus ADD/REDUCE actions.
CANCEL BUY / CANCEL SELL	Separately cancels active Buy or Sell orders for the current symbol.

Session protection If the panel shows ORDERS BLOCKED, do not repeatedly click order buttons. RTH and Non-RTH use different execution/protection behavior; outside RTH, protected limit logic is normally used.

Use the hotkey legend shown in the current UI. The screenshot includes Alt+B/S Entry, Ctrl+B/S RTH MKT / Non-RTH LMT, Alt+F Flatten, Alt+C Cancel, Alt+P Stop, Alt+G/J Bracket, and Ctrl+Up/Down Reprice.

New users Practice BUY/SELL, cancellation, stops, brackets, repricing, and flattening in an IBKR Paper Account before using a live account.

Quick Troubleshooting Checklist

- Is TWS logged in and is the API connected?
- Does the Quant header show Healthy / Trading Ready?
- Are the current symbol, account, quantity, and trading session correct?
- Is market data live and AGE within the permitted range?
- Does the License/Entitlement allow the current module?
- If an order is blocked, what do Status / Reason / System Messages say?
- Is the strategy only in WATCH, or is the corresponding AUTO switch actually enabled?
- Do Positions / Orders match the actual IBKR Broker state?
- For support, provide a full-window screenshot together with System Messages / Status / Reason.

End of document. Gold_Morgan Quant features and UI may change in later builds; always follow the behavior and labels shown by the installed version.