

Stock Analyzer 1.0

User Manual

TAWILIS | Practical Tools. Smarter Decisions.

One-computer license | 30-day free trial | 30-day refund

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TAWILIS Workflow - Start Here

PREREQUISITE: SET UP DATA SOURCES, FUNDS & RISK

DAILY CYCLE: AUTO SCREEN -> WATCHLIST -> PLAN A TRADE -> MY TRADES

Stock Analyzer does the screening for you. After every US market close it scans the S&P 500, keeps the strongest candidates on the Watchlist, and moves only the stocks that can be entered at today's price into Plan a Trade, each with the reasons. You make every decision and place every order yourself in your broker's app.

Step 0 - Set up data, funds and risk

Connect your data sources (section 3A), enter your fund balance in Fund Performance and your Risk Settings in Risk Sizing. Decide how much you are prepared to risk before an attractive stock influences your judgment. Do not raise the risk budget because a stock looks strong.

Step 1 - AUTO SCREEN (automatic)

About 15 minutes after each US market close, Auto Screen looks for fresh bullish EMA 9/21 crosses, keeps the shortlist (Cross Quality STRONG with Worth Looking HIGH or MEDIUM, or GOOD with HIGH), runs the full Daily, 4-Hour and Weekly analysis on those stocks and on everything already on your Watchlist and Plan a Trade, and ranks the results. The Today screen shows when the results are from. You can also click Run Auto Screen now.

Step 2 - WATCHLIST (automatic, plus your own picks)

A shortlisted stock with a Tawilis Score above 70 and a valid setup is added to the Watchlist automatically. Each row says what it is still waiting for - usually a pullback into the Pullback Entry zone. Stocks you add yourself stay until you remove them. Automatically added stocks leave when the setup breaks, the score falls to 60 or below, or price has not come near the entry for 20 trading days.

Step 3 - PLAN A TRADE (only what can be entered now)

A stock moves into Plan a Trade only when its Trade Status is QUALIFIED: BUY score (above 70), price inside the Pullback Entry zone, reward-to-risk of at least 2:1 from the price you would really pay, and the entry checks passed. Read Before You Trade and the reasons, then decide. QUALIFIED means the conditions are met - not that you must buy.

Step 4 - CHECK, SIZE AND ORDER

Click Refresh prices when the market is open, check Entry Assessment if you wish, and confirm the shares in the plan, which are sized from your Risk Settings. Place a limit order in your broker's app at the plan's price or lower, and place the stop and target together if your broker offers a bracket (OCO) order.

Step 5 - RECORD

If the order fills, click I Bought It - Record in My Trades and correct the price to your actual fill. The stop and target you record stay fixed: later analysis never changes them.

Step 6 - TRACK AND REVIEW

My Trades shows a Holding Read for each open position. Update about once a week. About four weeks (Target Hold) is a review point. When you close a trade, record the reason. The Decision Log keeps every status change with what the price did afterwards, so you can review the method, not just single trades.

How the layers fit together

Tawilis Score = how good the stock and setup are overall (BUY above 70, WATCH above 60 through 70, WAIT 60 or below). Trade Status = whether there is a sensible trade at today's price. Cross Quality and Worth Looking = how Auto Screen chooses what deserves a full analysis. Market read = whether the market is helping or hurting (a warning only). Risk Sizing = how much to expose. They answer different questions and are not expected to show the same label.

A practical example

On Tuesday a stock with a Tawilis Score of 88.8 closes inside its Pullback Entry zone and gives 2.12:1 to its first target, so it is QUALIFIED and appears in Plan a Trade. On Wednesday it closes 40 cents above the zone; from the top of the zone - the most you should pay - the reward-to-risk is now 1.86:1, so it becomes NOT QUALIFIED and returns to the Watchlist. The score did not change; the price did. This is the system working as intended: it never asks you to chase.

1 Purpose of the Stock Analyzer

TAWILIS Stock Analyzer is decision-support software for swing trading S&P 500 stocks with a pullback entry and a holding horizon of about one to four weeks. It organizes technical, market, sector, selected fundamental, risk/reward and multi-timeframe information, and it shortlists and plans candidates automatically. It does not guarantee a profitable trade, does not place orders and does not replace your own research or judgment.

The formal score boundaries follow the installed software: BUY above 70, WATCH above 60 through 70, and WAIT / NOT A BUY at 60 or below. Only the Pullback Entry can be QUALIFIED; a breakout is shown for information and review only. The program builds one primary Trade Plan so that entry, stop, initial profit target and reward-to-risk are the same everywhere they appear.

2 License, Free Trial and Activation

30-day free trial

Every feature can be used free for 30 days on one computer. On the activation screen, select Continue free trial. The trial starts at the first launch and the screen shows the days remaining each time you start. After 30 days a license key is needed. Activating a key at any time ends the trial and keeps all your data. Setting the computer clock back does not extend the trial and stops the program until the correct date is restored.

Activating Stock Analyzer

Buy a license at tawilis.com (or from a seller TAWILIS has authorized). Your license key is in your purchase receipt email. Paste it into the activation screen and select Activate. Activation needs an internet connection once. After that Stock Analyzer works offline; when you are online it checks the license with the

TAWILIS License Service about once a week. If that check cannot be completed, the program keeps working.

One computer per purchase

Each purchase activates Stock Analyzer on one computer. If the same key is entered on a second computer, activation is refused with the message that the license is already activated on another computer. When you activate with your key, the program sends only a one-way (hashed) identifier of the computer to the TAWILIS License Service.

Reinstalling or replacing a computer

Reinstalling the program on the same Windows installation normally keeps the same computer identifier. Reinstalling Windows or changing the computer can change it. If activation is then refused, email tawilis.official@gmail.com with your purchase receipt; TAWILIS can review the request and arrange a replacement activation or license file.

License files

A license file is made for one computer. If you need a replacement, select Copy next to Computer ID on the activation screen and paste it into your email to tawilis.official@gmail.com. When TAWILIS sends the file, select Import a TAWILIS license file instead and choose the .tawilislic file. A license file or license text made for another computer is refused.

Refunds

You can request a refund for any reason within 30 days of purchase by emailing tawilis.official@gmail.com with your order reference. After a full refund the license is cancelled and cannot be used for new activations, and TAWILIS may switch off an already activated copy at its next online license check. The End User License Agreement (section 17 of the EULA) has the full terms.

3 First Launch

1. Extract the downloaded ZIP into a private folder you can write to, such as a folder in Documents (avoid Program Files and shared folders), then double-click Stock Analyzer.exe.

2. Read the End User License Agreement (EULA). Tick the acceptance box and select I Accept - Continue.

3. On the activation screen, paste the license key from your purchase receipt email and select Activate, or select Continue free trial.

4. Read the Getting Started screen.

5. Create your desktop sign-in (a username and a password of at least 8 characters) and verify a recovery email address with the code sent to it (section 3B). During the free trial this email step comes after you activate.

6. When no data sources are set up, the Data Sources window opens automatically. Set up your sources (section 3A), select Test connection, then Save. Later, use the Data: ... button on the Today screen to reopen it.

7. Enter your fund balance (Fund Performance) and Risk Settings (Risk Sizing). Auto Screen then runs by itself after the next market close, or click Run Auto Screen now.

Your files: the download contains only Stock Analyzer.exe, the EULA, this manual and a README for the api_key folder. It contains no keys and no personal records. The program creates the portfolio (trades, fund ledger, risk settings, plans, decision log), watchlist, reports, login and license folders beside Stock Analyzer.exe as you use it. Back up that folder regularly (the login folder holds your sign-in; keep backups private). When you install a newer version, replace only Stock Analyzer.exe and keep the other folders where they are.

3A Setting Up Your Data Sources

Stock Analyzer does not supply market data. It uses sources you set up with your own accounts and keys. Official U.S. Treasury yields are built in. When no source can supply a checklist input, it is shown as "Not available from data provider" and left out of the Tawilis Score rather than estimated.

Which sources you can use

• Finnhub (optional, free key at finnhub.io): company profile, ratios, financial statements, earnings, news, analyst recommendation trends, latest price and symbol search for US stocks. Price history needs a paid Finnhub plan.

• Your broker: Tiger Brokers, moomoo/Futu or Interactive Brokers. Price history, latest price and other data your account allows. Index, VIX, options and financial-data coverage varies by broker and account level.

• A paid end-of-day data service of your choice (optional): EODHD (eodhd.com) or Tiingo (tiingo.com). Daily and weekly history for the full S&P 500 without a broker's stock allowance; hourly bars on the plans that include them. The subscription and its terms are yours.

The sources are tried in this order for every type of data: Finnhub, then your broker(s), then your data service, then the built-in US Treasury source. Company data that one source leaves empty is filled from the next. For the latest price, a quote no more than 15 minutes old is preferred over an older one while the market is open.

Step 1 - Put your keys in the api_key folder

Create a folder named api_key beside Stock Analyzer.exe (the README in the download lists the file names). Save your Finnhub key as finnhub_api_key.txt, an EODHD token as eodhd_api_key.txt, a Tiingo token as tiingo_api_key.txt, and put Tiger's tiger_openapi_config.properties file there unchanged. Data Sources detects these files. The keys never go to TAWILIS. If the program folder is inside OneDrive or another synced folder, the keys are copied to that cloud account too.

Step 2 - Brokers that run on your PC (moomoo and Interactive Brokers)

moomoo/Futu: install and log in to moomoo OpenD (default 127.0.0.1, port 11111) and keep it running while you use Stock Analyzer. Interactive Brokers: run TWS or IB Gateway, log in and enable API access (read-only is enough). Market-data subscriptions and permissions on your account decide which requests work. You never enter a broker login or password in Stock Analyzer.

Step 3 - Test and save

In Data Sources, add the sources you want, select Test connection, then Save. The table shows what each source supplies on your account. For a Tiingo free plan, set Plan to free so the program knows its allowance. For diagnostics, run check_data_sources (support may ask for the data_source_check.txt it saves).

Your data allowance (Tiger, moomoo and Tiingo free plan)

Tiger and moomoo limit how many different stocks can be downloaded in a window (for Tiger, per 30 days, by account level); Tiingo's free plan allows about 500 different stocks a month. A full Auto Screen of the S&P 500 needs about 520. When the allowance cannot cover the whole index, Auto Screen scans what fits, and the Today screen says how many stocks were covered, for example "Scan covered 180 of 503 S&P 500 stocks - your data provider's allowance". With a paid data service set up, it fills in the stocks your broker cannot supply.

Reading data coverage in an analysis

When coverage prevents a checklist item from being judged, the score explanation says so, for example: Tawilis Score based on 10 of 13 checklist items; 3 items are not available from your data provider and are excluded. Data used names the sources. When a market index is unavailable, a labelled tracking ETF (for example SPY for the S&P 500) is used for its trend direction only.

3B Desktop Sign-in and Account Security

Stock Analyzer asks for your own username and password each time it starts. Your password is stored only as a secure hash on your computer. Verify a recovery email address once: codes for forgotten usernames and passwords are sent to it through the TAWILIS email service.

During the free trial: the TAWILIS email service serves activated copies only, so a trial copy skips the recovery email (select Continue to Stock Analyzer) and asks for it at the first sign-in after you activate. Keep your username and password somewhere safe during the trial: a forgotten password cannot be recovered by email then; email tawilis.official@gmail.com for help.

Forgot username or password: on the sign-in screen select Forgot username or password?, enter your verified recovery email and use the six-digit code sent to it (it expires in ten minutes). If Google Authenticator is linked, a password reset also needs its current code.

Account security (button at the top right of the Today screen): verify or change the recovery email, link or remove Google Authenticator, and change your password. Each change asks for your current password (and authenticator code when linked). If you lose both your password and access to the recovery email, email tawilis.official@gmail.com; your trades and settings are not stored in the sign-in and are kept.

3C The Today Screen

The main window opens on Today. The top line says when the latest Auto Screen results are from (for example "Results from Sat 24 Oct 10:54, after the Fri 23 Oct close") and when new results are next possible. The Market line gives the market read (section 12). Three panels follow the daily cycle:

• Watchlist - worth monitoring: how many stocks are waiting, what the last Auto Screen added or removed, the closest candidates with what each is waiting for, and how many price alerts to set. Open Watchlist opens the full list.

• Plan a Trade - can be entered now: the QUALIFIED stocks with score, reward-to-risk, loss at stop, gain at target and shares. Open Plan a Trade opens the plans; Refresh prices re-checks them against fresh quotes.

• My Trades - open positions: open trades and which need attention (for example NEAR TARGET or REVIEW).

Below the panels, Research a stock lets you analyze any ticker: type it (or a company name and pick a suggestion), select Run Analysis, and open Overview, EMA Cross Chart, Multi-Timeframe Read, Chart Signals, News or Market. Build Excel and Add to Watchlist work on the analysis just run. Other tools opens Fund Performance, Risk Sizing, Today's screener report, the Decision Log and Options Setup. The Activity Log at the bottom shows progress and any errors.

4 Auto Screen

Auto Screen uses completed daily bars only, so it gives new results once per US trading day, about 15 minutes after the close (holidays and early closes follow the exchange calendar). While Stock Analyzer is open it checks every minute for a newly completed session and runs by itself; if the computer was off, it catches up when you start the program. Running it again before the next close gives the same result. Stop ends a run.

Each run has four steps, shown in the Activity Log:

1. Screen the S&P 500 for fresh bullish EMA 9/21 crosses (within the last five trading days) and score each one with the Tawilis Score.

2. Run the full Daily, 4-Hour and Weekly analysis on the shortlisted stocks (Cross Quality STRONG with Worth Looking HIGH or MEDIUM, or GOOD with HIGH) and on every stock already on the Watchlist or in Plan a Trade.

3. Decide each stock's Trade Status and rank them.

4. Read the market (S&P 500, VIX, breadth and sector trends), then update the Watchlist and Plan a Trade and record every change in the Decision Log.

Regular refresh between Auto Screens: while the program is open, Watchlist prices are refreshed every 15 minutes during the US session (and for 15 minutes after the close), and the Watchlist analysis is refreshed after each completed session. A failed refresh is retried after 15 minutes. At least the program must be running and the computer awake.

5 Trade Status and the Tawilis Score

The Tawilis Score rates the stock and setup: BUY above 70, WATCH above 60 through 70, WAIT / NOT A BUY at 60 or below. Boundary examples: 60.0 is WAIT; 60.1 and 70.0 are WATCH; 70.1 is BUY. The Trade Status answers a different question - is there a sensible trade at today's price?

• QUALIFIED: BUY score, price inside the Pullback Entry zone, reward-to-risk to the first target (R1) of at least 2:1 from the realistic entry, support intact and the entry checks passed. Only QUALIFIED stocks enter Plan a Trade. Conditions met - your decision.

• WAIT - PULLBACK: the setup is good but price is above the Pullback Entry zone. The row shows the zone to wait for.

• WAIT - CONFIRMATION: something still needs confirming - for example a WATCH score (it must rise above 70) or a momentum or volume check.

• BREAKOUT DEVELOPING / BREAKOUT CONFIRMED - REVIEW MANUALLY: price is pushing through resistance. A breakout is never QUALIFIED automatically; its levels are shown for information so you can review it yourself.

• NOT QUALIFIED: a rule fails at today's price - most often reward-to-risk below 2:1 from the realistic entry. Waiting for a better price does not fix a target that is too close, so the stock stays on the Watchlist and is re-checked.

The realistic entry is the price you would actually pay: the current price when it is inside the Pullback Entry zone, otherwise the top of the zone. Reward-to-risk is never rounded up; when it is close to 2:1 and every other check passes, the Watchlist names the limit price that would give a real 2:1. RSI, MACD and OBV are confirmation checks: they can delay an entry but never turn a weak setup into a trade.

6 Current Price vs. Last Completed Daily Close

The program separates the current quote from the last completed daily candle. During the US session today's still-forming candle is excluded from the daily calculations (EMA, RSI, OBV, ATR), while Current Price is shown separately with its own time and source.

A quote more than 15 minutes old while the market is open is marked as delayed (many broker feeds without a real-time subscription, and EODHD, are 15-20 minutes delayed). When the market is closed, Plan a Trade shows how old the last quote is and asks you to click Refresh prices after the US open before placing an order.

7 Cross Quality and Worth Looking

Auto Screen uses the screener to decide which stocks get a full analysis. Today's screener report opens the latest workbook: Shortlist, Tawilis Score and Score Note come first, followed by Cross Date, Cross Price, Freshness, Validity, Cross Quality, Worth Looking and the price structure. A score that cannot be obtained is explained in Score Note. When your data allowance limited the scan, the workbook says so and lists the stocks left out on a Not Screened sheet.

Cross Quality asks: how well is this fresh bullish cross confirmed? It uses RSI (up to 2 points), OBV (up to 2), last-day relative volume (up to 1) and 3-day relative-volume persistence (up to 2). STRONG = 6 or more, GOOD = 4-5, MIXED = 2-3, WEAK = below 2. It is recalculated every run, so it is a snapshot, not a permanent grade.

Worth Looking asks: from today's price, is there enough opportunity to justify a deeper look? It uses upside room to a meaningful resistance (up to 3 points), structural reward-to-risk (up to 2) and price above EMA50 (1). HIGH = 5-6, MEDIUM = 3-4, WATCH = 1-2, LOW = 0. Fundamentals and EMA200 do not feed it.

Cross Quality and Worth Looking are independent and neither is the final decision. STRONG with WATCH can mean a well-confirmed cross with little room left; MIXED with HIGH can mean attractive structure with weaker confirmation. Cross Why and Worth Why explain the drivers.

8 Overview

Overview (from Research a stock) shows each item once, in this order: the price and company description; the pre-trade checklist verdict and Tawilis Score; the Trade Decision (rating, Trade Status, preferred setup, trend and momentum, price location); the trade plan levels; why the stock can or cannot be entered now; trend and momentum; price structure; trade logic; main concern; confirmation needed; invalidation; what to watch; the alternative breakout plan (information only); the qualification gates; market, industry and rates; fundamentals; earnings; and the top headlines. The Position control switches the reading between Not Owned and Already Own Shares.

The Tawilis Score summarizes the weighted checklist evidence; it is not a probability of profit. Items your data sources cannot supply are excluded from both the earned and the possible weight, and the report shows each item's contribution.

9 The Primary Trade Plan

One Trade Plan is used everywhere: the Overview, the Watchlist, Plan a Trade and the reports. The Watchlist always shows the latest plan; My Trades keeps the levels you recorded when you entered.

Holding plan: plan each trade with a horizon of about 1-4 weeks (a planning horizon, not an exit rule). After buying, place the stop and the initial profit target together (a bracket/OCO order, good-till-cancelled, if your broker offers one). Exit when the stop or target fills, or when the setup breaks (a decisive daily close below support or a bearish EMA 9/21 cross). About four weeks is a review point. Check for an earnings date inside the hold. Never lower the stop; raising it is optional, using the same rule every time.

Field	Meaning
Current Price	The current/live quote when available. It is separate from the planned entry.
Reference / Trade-plan Entry	Nearest detected support when available; otherwise the program may fall back to current price.
Nearest Support	The structural support reference used by the primary plan.
Recommended Stop	Primarily support-based with the approved ATR volatility buffer; ATR is not the sole basis.
Initial Profit	Nearest qualifying historical resistance detected by the current support/resistance routine.
Risk/Reward	Calculated from the same planned entry, recommended stop and initial profit target.
Entry Status	Shows whether current price is at, above or below the reference entry area.

Initial Profit N/A means no qualifying resistance was found above the price. It does not mean there is no upside; the program does not invent a substitute target, and without one the stock cannot be QUALIFIED.

10 Chart Signals

Chart Signals applies mechanical price-pattern rules to Daily, 4-Hour or Weekly bars and shows each pattern's bias, status (forming, confirmed, invalidated), quality and key levels. Patterns are context only and are not part of the Tawilis Score. Review the levels and the broader setup rather than trading from a pattern name.

11 Multi-Timeframe Technical Read

The Multi-Timeframe Read shows 15-minute, 30-minute, 1-hour, 2-hour, 4-hour, daily, weekly and monthly readings when your sources supply the bars. 2-hour and 4-hour bars are built from hourly data and follow the session (4H bars run 9:30-13:30 and 13:30-16:00 US Eastern). Only completed bars are used. Missing timeframes are reported as unavailable. These readings are confirmation and timing context.

12 Market Read and US Data Releases

The Market line on Today and the Market window answer one question for a 1-4 week long trade: is the market helping or hurting? Supportive, Mixed or Risk-off comes from the S&P 500 against its 50- and 200-

day averages, its short-term trend (EMA 9 vs 21), the VIX level and breadth (the share of S&P 500 stocks above their own 50-day average). The Market window also lists every sector fund's trend. Risk-off is a warning to consider fewer or smaller trades; it does not change the trade rules. The market and sector trends also feed two items of the Tawilis Score.

US Data Releases lists the official release schedules of the Bureau of Labor Statistics, the Bureau of Economic Analysis and the Census Bureau for this week and next, in US Eastern time and your computer's time, with buttons to the official pages (including the Federal Reserve calendar). Release times can change; confirm important dates on the official page.

13 Watchlist

The Watchlist holds the candidates worth monitoring. Rows marked auto were added by Auto Screen; rows you add (Add to Watchlist after Run Analysis) are yours and are only removed by you. Auto rows leave when the setup breaks (a bearish cross or broken support), the Pullback Entry no longer exists, the score falls to 60 or below, the analysis fails five runs in a row, or price has not come near the entry for 20 trading days. A WATCH score stays: it is monitored until the score rises above 70. Removed list shows what left and why.

Columns include Current Price (with its distance from the Pullback Entry zone underneath), Plan a Trade?, Waiting For, Pullback Entry, Stop Loss, Initial Profit, R:R (realistic), Tawilis Score, EMA Cross Date and Sector. Waiting For says exactly what the stock needs, for example "Pullback to $83.72-$84.27" or "R:R 1.49:1 (needs 2.0)". Use Columns to show or hide fields and click a heading to sort.

Current Price distance: above the zone it is red and measured from the top of the zone; below it is amber and measured from the bottom; inside the zone (including either boundary) it shows Within entry zone in green. Green means the price is inside the reference zone; it does not certify the whole setup.

Price alerts

Price alerts to set... lists, for each stock waiting for a pullback, the price at which to set an alert in your broker's app (the top of its Pullback Entry zone), marking new and changed levels since you last looked. When an alert fires, open Stock Analyzer and click Refresh prices; the stock moves into Plan a Trade only if it still qualifies.

Refresh and timestamps

Prices and analysis refresh on the regular schedule (section 4). Refresh All Watchlist Analysis does a full refresh on demand: for each stock a fresh quote, then EMA Cross Date, Cross Quality, Worth Looking, Tawilis Score, the levels and the Trade Status from the latest completed daily bars. Stocks are processed one by one, so the batch is not a single market snapshot. The summary line above the table reports the refresh time and success/failure counts; click it for per-stock details. Refresh failed - previous result means the earlier assessment was kept after a failure.

Watchlist levels and Open Positions

Watchlist levels always refresh from the latest data, because these are stocks you have not bought. My Trades is different: the stop and target you recorded at entry stay fixed. Compare them with the current analysis, but change a stop only deliberately, under your own rules.

14 Plan a Trade

Plan a Trade lists only the stocks you can enter now (QUALIFIED), up to ten, best ranked first - fewer when fewer deserve it. Each plan opens with Before You Trade: how old the quote is (click Refresh prices after the US open), the limit order price - the highest price that still keeps 2:1, never above the top of the zone - the market read and the sector trend. Then the Trade Decision, the trade plan levels, why the stock can be entered now, the main concern, what would invalidate it and the qualification gates.

Refresh prices re-checks every plan against fresh quotes; everything that depends on price (location, reward-to-risk, status) is recalculated. A plan that stops qualifying leaves the list and the stock stays on the Watchlist; an automatically chosen plan can come back if a later run chooses it again. Plans you have edited, saved or ticked are kept and only marked with their new status.

Order and size: the order price starts at the plan's limit price; shares, cost, loss at stop, gain at target and reward-to-risk are recalculated from your Risk Settings. Each plan is sized on its own against your full fund and risk settings, so several plans are not quantities to buy all at once. Holding plan: Target Hold (28 days suggested) and the exit rules. Covered call decision: no, or yes with strike, expiry and premium (a warning appears when the planned shares are fewer than 100). An eight-item pre-trade checklist completes the plan.

Status is Draft until every check is ticked, then Ready, and Bought once the trade is logged. Save Plan stores it; Reset from Watchlist reloads the latest levels; Remove Plan deletes it. I Bought It - Record in My Trades opens My Trades with the order price, shares, stop, target, Target Hold, note and covered call filled in; correct the price to your actual fill and log the trade.

14A Entry Assessment

Entry Assessment is an optional last check (Watchlist > Entry Assessment). Choose 1H, 2H, 4H or Daily. Read evidence explains what the latest completed bars show; View chart draws Price + Volume, OBV, MACD or Chart Signals for that timeframe. Results: Unable to assess (score, quote or zone missing, or the analysis is older than the latest daily data - run Refresh All), Wait (a condition is not met; the reason is shown) or Entry conditions favorable.

Conditions, in order: Tawilis Score above 70; price inside the daily Pullback Entry zone; the selected timeframe has not closed below its support. Then, if price is still falling, the decline must be slowing with volume over the last three bars at least 15% lower than the three before; if price is rising, OBV must not be falling and volume must not have dropped by more than 15%. In both cases MACD (12/26/9) must not show downward momentum strengthening. MACD is used only here and is not part of the Tawilis Score.

15 Risk Sizing

Risk Sizing uses your fund balance and Risk Settings (risk per trade, speculative sleeve cap, cash buffer, cash on hand) with the planned entry and stop. Calculate Suggested Size shows the suggested investable amount and shares - the lower of the stop-risk sizing, deployable cash after your buffer and the remaining speculative sleeve - and which limit applied. For a stock the stop must be below the entry. A sizing estimate never submits an order. Plan a Trade uses the same calculation.

Options Setup

Options Setup evaluates a pullback setup and shows nearby listed call references when your sources supply option data. Strikes, expiries and open interest can be unavailable on your account. It does not place option orders.

16 My Trades

My Trades records the positions you actually entered: entry price and date, shares, stop, initial profit target, Target Hold and a note. The Holding column shows the day count against Target Hold (for example Day 9 of 28), review point reached once it is reached, and weekly update due when the position has not been updated for a week. The Holding Read summarizes each open position from its latest Update (for example ON TRACK, NEAR TARGET or REVIEW) and Review Warnings flag OBV selling or a bearish EMA cross. Neither closes a trade. Close Trade (Exit) records the actual exit; record the reason in the exit note. Closed Trades and the Backtest Summary show win rate and returns of your own calls; Export & Open Full Report writes them to Excel.

17 Covered Calls in My Trades

Covered-call tracking is optional. A standard US equity call represents 100 shares. The premium lowers the net cost but gives only a limited downside cushion and caps upside around the strike. If you sell the shares while the call is open, it becomes uncovered and much riskier: manage the stock and the option as one position. Record the actual strike, expiry and premium (at entry or with Sell/Edit Covered Call), and resolve it as bought back, expired worthless or with the stock trade.

18 Reports, Fund Performance and the Decision Log

Run Analysis saves a report of the analysis; Build Excel creates the workbook (Dashboard, News and Price Data sheets) and Open Excel opens it. Fund Performance keeps your Fund Balance Ledger (deposits, withdrawals and balances) and charts your account against SPY from the first ledger entry.

The Decision Log (a CSV file you can open in Excel) records every Trade Status change made by Auto Screen, Refresh prices and Run Analysis - date, score, status, price, levels and reason - and later fills in what the price did after 1, 3, 5, 10 and 20 trading days and whether the stop or target was hit first. Use it to review the method over many decisions, not single trades.

19 Troubleshooting

Auto Screen did not run: it runs only while Stock Analyzer is open and the computer is awake, about 15 minutes after the US close. Start the program; it catches up by itself, or click Run Auto Screen now.

Today says the scan covered only part of the S&P 500: your broker's stock allowance is used up for this window. Add a paid data service (section 3A), use Interactive Brokers, or wait for the allowance to renew.

Plan a Trade is empty: nothing qualifies at today's prices. This is normal; Nothing can be entered names the closest candidate and what it is waiting for.

Not available from data provider: no configured source can supply that input. Open Data Sources and select Test connection. A Finnhub key or a data service may fill gaps, depending on your access.

Quote marked delayed or old: the source's quote is more than 15 minutes old while the market is open. Click Refresh prices, and check the price in your broker's app before ordering.

Interactive Brokers or moomoo not connected: start TWS / IB Gateway or moomoo OpenD and log in. Stock Analyzer reconnects within about a minute.

License rejected: copy the key exactly as it appears in your purchase receipt email. Already activated on another computer means the purchase is in use on another PC; email tawilis.official@gmail.com if you replaced your computer.

Trial ended: the 30-day trial on this computer is over. Buy a license at tawilis.com and enter the key; your Watchlist, trades and settings are kept.

License refunded or cancelled: the activation screen explains it at start-up. Email tawilis.official@gmail.com if you think it is a mistake.

Forgot password: use Forgot username or password? with your verified recovery email (section 3B). During the free trial, email tawilis.official@gmail.com instead.

Entry Assessment says Unable to assess: the analysis is older than the latest daily data, or the quote or zone is missing. Run Refresh All Watchlist Analysis and try again.

Anything else: record the ticker, date and time and the exact message (or a screenshot) and email tawilis.official@gmail.com.

20 Important Limitations

Market data and third-party services can be delayed, incomplete, unavailable or changed. Always verify important prices, corporate actions, trade parameters and calculations before acting. Stops can fill at prices different from the planned level, especially on gaps. Automatic shortlisting and planning are fixed software rules, not forecasts.

The software is analytical decision support, not personalized investment advice. Trading and investing can result in loss of capital.

21 Legal and Licensing

The complete End User License Agreement is shown when you first start Stock Analyzer 1.0 and is included as a PDF in the download. It governs the one-computer license, the free trial, activation and license checks, refunds, permitted use, data terms, privacy and disclaimers.

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