TRADERSUITE · PROFESSIONAL INDICATOR SERIES

Gold Settlement

The complete user guide — the COMEX settlement anchor, its percentage variation bands and the LBMA AM & PM fixes, drawn automatically on every gold session.

v1.0.0 tradersuite.online

GETTING ORIENTED

Contents

How to read this guide

Sections 1–8 explain what the indicator draws and why those levels matter in gold. Section 9 is a full reference for every setting. One thing before anything else: all window times run on **chart time**, and the shipped defaults assume a US Eastern chart — if yours is set to a different timezone, read Section 07 first.

SECTION 01

What this indicator does

Gold Settlement puts gold's official reference prices on your chart — the COMEX settlement window, captured as a volume-weighted average and rebuilt automatically every session. Around that anchor it layers the structure institutions actually price against: a ladder of percentage variation bands, the two LBMA London fix levels, and a panel that states every level numerically — no subjective lines, no repainting, closed bars only.

The settlement anchor

A VWAP across the COMEX settlement window — the price futures positions are marked to. Locked when the window closes, carried into the next session until replaced.

A ladder of bands

Variation bands at fixed percentage offsets from settlement, each labelled with its offset and price. Configurable step and count; defaults reach ±5.0%.

The London fixes

The LBMA AM and PM auction prices — the benchmark for the physical gold market — anchored the same way and drawn as their own dashed levels.

Nothing moves after close

Everything runs on `Calculate.OnBarClose`. Once a window completes, its level is locked — what you test in Market Replay is what you get live.

Who it's for

Gold traders — on GC and MGC futures or spot XAUUSD — who want the market's own accounting on the chart instead of hand-drawn lines. Settlement is what margin is calculated from and what options settle against; the LBMA fixes are what refiners, ETFs and central banks price physical metal off. This indicator keeps all of it in view, automatically, every session.

Gold futures (GC) · Micro gold (MGC) · Spot XAUUSD · Intraday: 1–15 min recommended · Levels serve any timeframe once set · Any chart timezone — see Section 07

A note on honesty

Settlement, bands and fixes mark where large, non-discretionary business is transacted — that is what gives them their pull. They are reference prices, not predictions, and gold can trade straight through any of them. The indicator organises the levels; the judgement and the risk management stay with you.

SECTION 02

Installing it — step by step

Installation is the same for every TraderSuite indicator and takes about two minutes. You need NinjaTrader 8 (64-bit, 8.1 or later) and the `.zip` file from your purchase email or account download page.

1. **Download the zip — and leave it zipped.** NinjaTrader imports the whole archive; do not extract it first.
2. **Import into NinjaTrader.** In the Control Center choose Tools → Import → NinjaScript Add-On…, browse to the zip and confirm. If an older copy exists, remove it first so NinjaTrader compiles a single clean version.
3. **Restart NinjaTrader.** A restart after import guarantees the new assembly is loaded.
4. **Add it to a chart.** Right-click a gold chart → Indicators… → open the TraderSuite folder → double-click `TS_GoldSettlement`.
5. **Enter your licence key.** In the indicator's settings find the 0A. License group and paste the key from your purchase email. Leave it empty to start an automatic 7-day trial.
6. **Click OK and check the panel.** The panel's License line should read ✓ LICENSED, MEMBER or TRIAL. Section 10 explains every state.

Requirements

NinjaTrader 8 (8.1+, 64-bit) · a data feed with real exchange volume on GC or MGC · a chart of 15 minutes or lower for the cleanest window capture · an internet connection for the first licence validation.

Moving machines?

Deactivate the old machine from your account dashboard first, then activate on the new one. Activations used/allowed are shown live on the panel.

Tip — save it in a template

Once your window times and colours feel right, right-click the chart → *Templates* → *Save as default* so every new gold chart opens ready to trade.

SECTION 03

Anatomy of the chart

One gold line, a ladder of dashed bands, two fix anchors and a panel — that is the whole picture. Every level is labelled with its price at the right edge, and the shaded column marks the settlement window itself.

1. **Settlement anchor** — today's settlement-window VWAP. Solid gold, 2 px; labelled **SETTLE** (or **MANUAL** when overridden).
2. **Variation bands** — a dashed ladder at fixed % offsets, each labelled with offset and price.
3. **LBMA AM fix** — the London morning auction anchor, in DeepSkyBlue.
4. **LBMA PM fix** — the London afternoon auction anchor, in MediumOrchid.
5. **Settlement window** — the shaded column where the VWAP accumulates (default 13:29, 1 minute).
6. **Anchors panel** — every level stated numerically, plus the PENDING / SET status.

SECTION 04

The settlement anchor

The COMEX settlement price is what futures positions are marked to at the end of each session — margin is calculated from it, options settle against it, and a great deal of institutional business is benchmarked to it. This anchor is not a closing price: it is a **volume-weighted average across a defined window**.

The accumulator

At the time set by `Settlement window start` (default **13:29** chart time) the indicator opens an accumulator. For `Settlement window minutes` (default **1**) it sums price × volume and volume separately; when the window closes it divides one by the other, and that VWAP locks as today's settlement.

Price × volume and volume accumulate through the window; at close the ratio locks as the day's settlement and the panel flips from PENDING to SET.

The level carries

Once locked, today's settlement stays on the chart into the next session until a new one replaces it — you are never left without an anchor.

Yesterday is retained

The prior day's value is kept separately, which is how the panel reports **Chg vs prior** — the percentage move from one settlement to the next.

Overriding it manually

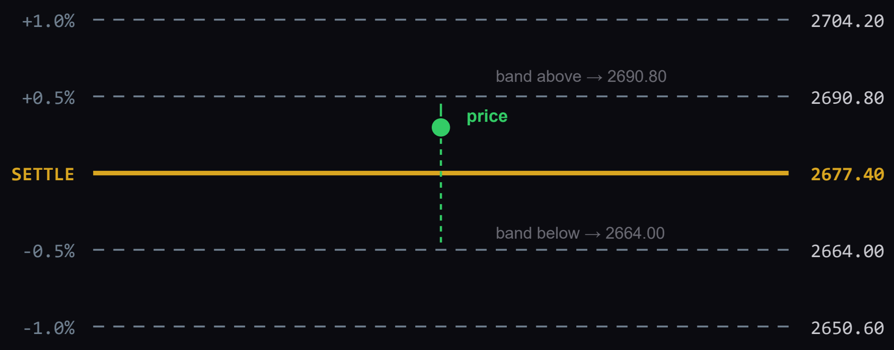
To anchor to an official published settlement instead of the computed VWAP, type it into `Manual settlement override`. Any value above zero replaces the calculation entirely and the bands rebuild around your number; the on-chart label switches from **SETTLE** to **MANUAL** so you can always tell which is in force. One consequence: **Chg vs prior** is suppressed while an override is active — the indicator will not compare a hand-entered number against a computed one. Set it back to **0** for automatic.

SECTION 05

The percentage variation bands

A ladder of levels at fixed percentage distances from settlement — the structure gold tends to travel in. Each band sits at `settlement × (1 ± n × step)`. With the defaults — a **0.5%** step and **10** bands each side — the ladder reaches **±5.0%**, every level labelled with both its percentage and its price.

```
band(n) = settlement × (1 ± n × step)
```



Defaults: 0.5% step × 10 bands each side → a ±5.0% ladder.

The panel continuously reports the nearest band above and below current price, so you always know the next level in either direction.

Percentage spacing rather than fixed dollars is deliberate: it keeps the ladder proportionate as gold moves. A 0.5% step is roughly $13 at $2,600 and roughly $10 at $2,000 — the structure scales with the market instead of drifting out of relevance.

Step	Bands	Reach	Suits
`0.25%`	`10`	`±2.5%`	Scalping and intraday work in quiet conditions.
`0.5%`	`10`	`±5.0%`	**Default.** General day trading — balanced density.
`1.0%`	`6`	`±6.0%`	Swing work, or clearing chart clutter.

If the labels crowd your chart, switch `Show band labels` off — the lines remain, the text goes.

SECTION 06

The LBMA AM & PM fixes

Two auctions a day set the benchmark for the physical gold market — and both are anchored here. The London Bullion Market Association runs an auction at **10:30** and **15:00** London time; those prices become the reference for physical settlement worldwide — refiners, ETF creations and redemptions, central bank transactions.

The indicator anchors each fix the same way it anchors settlement: a VWAP across a short window, default **1 minute**, set by `Fix window minutes`. Each fix can be switched off independently.

The gold day's three institutional reference events, in chart time on a US Eastern chart.

Each anchor is a VWAP across its own short window — default 1 minute — locked when the window closes.

Anchor	London auction	Default window start (ET chart)	Drawn as
`LBMA AM Fix`	`10:30`	`0530`	DeepSkyBlue dashed line, labelled with its price.
`LBMA PM Fix`	`15:00`	`1000`	MediumOrchid dashed line, labelled with its price.

Why traders watch them

The PM fix in particular often marks a shift in intraday character. Physical business concludes at the auction, and futures flow frequently changes tone afterwards — behaviour around that level is worth a place in your session notes.

SECTION 07

Chart time — read this first

Every time setting in this indicator is expressed in **chart time**, not a fixed timezone. This is the single most common source of confusion — and the first thing to check if a level looks wrong.

The shipped defaults assume a chart set to US Eastern time

On an ET chart: `1329` is the COMEX settlement window, `0530` is the 10:30 London AM fix, and `1000` is the 15:00 London PM fix. **If your NinjaTrader session template uses a different timezone, all three must be adjusted or your levels will be wrong.**

Your chart timezone	Settlement	AM fix	PM fix
US Eastern **(default)**	1329	0530	1000
UK / London	1829	1030	1500
Central European	1929	1130	1600

The values above assume London and New York are aligned on daylight saving. For the few weeks each year when the two are out of step, shift the fix times by an hour.

The status states

PENDING	SET	MANUAL
Window not yet complete	Level locked for the day	Override in force (on-chart label)

The panel's Today's settle row shows PENDING or SET; the on-chart settlement label reads SETTLE when computed and MANUAL when overridden.

How to check quickly

The panel's **Today's settle** row shows PENDING until the window completes, then SET. If it stays PENDING well past the settlement you expect, your window time does not match your chart. Also confirm the chart's session template actually covers the window — a template that excludes 13:29 ET will never trigger it.

SECTION 08

Reading the panel

Everything on the chart, stated numerically. The panel sits in the bottom-left corner by default (movable via `Panel Position`) and updates as each window completes.

- Licence & activation state
- Today's settlement anchor — computed or manual
- Percentage change from the previous settlement
- Where price sits right now vs the anchor
- The next band level in each direction
- Both LBMA fix levels once their windows complete
- PENDING / SET status of today's window

Reading the panel

Row	What it tells you
`Settlement`	Today's anchor. The matching on-chart label reads **SETTLE** when computed and **MANUAL** when overridden, so you can always tell which is in force.
`Chg vs prior`	Percentage move from the previous settlement. Blank while a manual override is active.
`Price vs settle`	Where price sits right now relative to the anchor. The quickest read of daily bias.
`Band above / below`	The next band level in each direction — your immediate targets and reference points.
`LBMA AM / PM Fix`	Today's fix levels once their windows have completed.
`Today's settle`	**PENDING** before the window completes, **SET** after.

Reading it at a glance

Price vs settle gives you the daily bias, **Band above / below** gives you the next level in each direction, and **Today's settle** confirms your window times are right. If the panel and your idea disagree, that is information too.

SECTION 09

Settings reference

Every option, grouped exactly as it appears in the NinjaTrader indicator dialog. All window times are entered as **HHMM in chart time** — see Section 07 before changing them.

0. About & 0A. License

Option	Default	What it does
`Website`	`tradersuite.online`	Displayed on the panel. Informational.
`Show Logo`	`On`	Show the TraderSuite crest at the top of the panel.
`Show Panel`	`On`	Master toggle for the anchors panel.
`Panel Position`	`Bottom Left`	Which corner of the chart the panel occupies.
`License Key`	`(empty)`	Your key. Leave empty for a 7-day trial. Included free with TraderSuite membership.

1. Settlement

Option	Default	What it does
`Settlement Window Start`	`1329`	When the accumulator opens, as HHMM in **chart time**. 1329 = the COMEX settlement window on a US Eastern chart.
`Settlement Window Minutes`	`1`	How long the window stays open. Longer windows smooth the VWAP; shorter ones hew closer to the settlement instant.
`Manual Settlement Override`	`0`	Any value above 0 replaces the computed VWAP and the bands rebuild around it. 0 = automatic. Suppresses **Chg vs prior** while active.

2. Bands

Option	Default	What it does
`Band Step (%)`	`0.5`	Percentage distance between consecutive bands.
`Bands Each Side`	`10`	How many bands above and below settlement. Default reach is ±5.0%.
`Show Band Labels`	`On`	Print the percentage and price on each band. Off leaves bare lines.

> **Chart time, not clock time**
>
> The three window-start settings are the only ones you may *have* to change. If your chart is not on US Eastern time, translate all three using the table in Section 07 — otherwise every anchor lands at the wrong moment.

LBMA Fixes & Style

3. LBMA Fixes

Option	Default	What it does
`Show LBMA AM Fix`	`On`	Draw the 10:30 London auction anchor.
`AM Fix Window Start`	`0530`	When the AM fix window opens, as HHMM in chart time.
`Show LBMA PM Fix`	`On`	Draw the 15:00 London auction anchor.
`PM Fix Window Start`	`1000`	When the PM fix window opens, as HHMM in chart time.
`Fix Window Minutes`	`1`	Window length used for both fixes.

4. Style

Option	Default	What it does
`Settlement Color`	`Gold`	Colour of the primary settlement line.
`Band Color`	`SlateGray`	Colour of the variation band ladder.
`AM Fix Color`	`DeepSkyBlue`	Colour of the AM fix anchor.
`PM Fix Color`	`MediumOrchid`	Colour of the PM fix anchor.
`Settlement Line Width`	`2`	Thickness of the settlement line, in pixels.
`Label Font Size`	`13`	Point size for on-chart labels.

Default colour reference

`Gold`
Settlement anchor — solid, 2 px.

`SlateGray`
Variation band ladder — dashed.

`DeepSkyBlue`
LBMA AM fix — dashed.

`MediumOrchid`
LBMA PM fix — dashed.

Decluttering

Too many lines? Reduce `Bands Each Side`, increase `Band Step`, or switch `Show Band Labels` off. Each fix can also be hidden independently.

SECTION 10

Licensing & activation

The indicator validates once, then caches for 24 hours and keeps working offline within a grace window — so a brief internet drop never interrupts your session.

Getting started

1. Add `TS_GoldSettlement` to your chart (Indicators dialog → TraderSuite folder).
2. Open its settings and find the 0A. License group.
3. Paste your **License Key** — or leave it empty to start an automatic 7-day trial.
4. Click OK. The panel's License line confirms your status.

License states you may see

Panel shows	Meaning
✓ `LICENSED`	Valid product licence, activated on this machine.
✓ `MEMBER`	Active membership licence.
✓ `ADMIN`	Administrator master key (support / testing).
`TRIAL (Xd left)`	Free trial, days remaining shown.
`OFFLINE MODE`	Server unreachable; running on the offline grace period.
✗ `message`	Attention needed — invalid key, max activations, expired, or internet required.

Activations

A product licence activates on a limited number of machines (shown as **used / max** on the panel). Need to move machines? Deactivate the old one from your account, then activate the new one.

Included with membership

TS_GoldSettlement is included free with a TraderSuite membership — members licence it with their membership key, no separate purchase needed.

SECTION 11

Trading with it — a workflow

A simple, repeatable way to use the anchors. This is an educational framework, **not financial advice** — always apply your own plan and risk limits.

1. **Confirm the windows first.** On your first session, watch Today's settle flip from PENDING to SET at the time you expect. If it doesn't, fix your chart-time settings (Section 07) before trusting any level.
2. **Read the bias.** Use settlement as the daily bias line — persistently above it is constructive, persistently below is not. Price vs settle gives you that read at a glance.
3. **Map the ladder.** Note Band above and Band below — the nearest reference level in each direction, your immediate targets and reaction points.
4. **Treat bands as structure, not signals.** A band is a place to watch for a reaction — a stall, a rejection, an acceleration through — not a reason to enter on touch. Watch behaviour at the fixes too; the PM fix often precedes a change in intraday tone.
5. **Note the distance travelled.** If price has already run three bands from settlement, the easy part of the move is behind you — size and expectations should reflect that.
6. **Combine with your own trigger.** These are location tools. Pair them with an entry method — order flow, structure, or a signal indicator — and rehearse in Market Replay: because everything is closed-bar, playback is an honest preview of live behaviour.

Confluence is king

The strongest areas are where anchors stack — a variation band that lands on a fix level, or a retest of settlement with the daily bias behind it. One line is a level; two agreeing lines are a location worth planning around.

Avoid

Entering just because price touched a band; running the default window times on a non-Eastern chart; and forgetting a manual override is in force — the label reads **MANUAL** for exactly that reason.

SECTION 12

What this indicator is not

Being clear about limits is part of being useful. Gold Settlement is an analytical charting tool — here is what it does **not** do, on purpose.

- **It is not a signal service.** It does not tell you when to buy or sell. It draws the reference prices gold is marked to; the decision — and the responsibility — stays with you.
- **It does not predict the future.** Settlement, bands and fixes mark where reactions are *likely* because real business is done there. Gold can, and does, trade straight through any of them.
- **It does not promise profits.** No indicator does. Past behaviour at a level does not guarantee future results.
- **It is not an automated strategy.** It places no orders and manages no positions. It draws context on your chart; execution is entirely yours.
- **It is not financial advice.** Everything in this guide is educational. Consult a qualified professional before making investment decisions.

Risk disclosure

Trading futures, foreign exchange and other leveraged products involves substantial risk of loss and is not suitable for every investor. Only trade with capital you can afford to lose. Hypothetical or simulated examples in this guide have inherent limitations and do not represent actual trading.

What it is

The institutional reference map for gold — the settlement anchor, its variation bands and the London fixes drawn automatically and locked on closed bars, so your preparation starts from the prices where the market does its own accounting.

SECTION 13

Troubleshooting & FAQ

- **Does it repaint?**

  No. The indicator runs on `Calculate.OnBarClose`. Once a window completes, its level is locked and does not move.

- **No settlement line appears**

  Check the **Today's settle** row. If it reads PENDING long after you expect settlement, your window time does not match your chart timezone — see Section 07. Also confirm the session template covers the window; one that excludes 13:29 ET will never trigger it.

- **My level differs from the published settlement**

  Expected. This is a VWAP across the window, not the exchange's official published figure — the two are computed differently. Use `Manual Settlement Override` to pin the official number if you need an exact match.

- **Which gold instruments does it work on?**

  Any — GC, MGC, or spot XAUUSD. The defaults are built around the COMEX futures session, so spot traders should confirm the window times suit their feed.

- **Why is "Chg vs prior" blank?**

  Either it is the first session since the indicator was loaded and no prior value exists yet, or a manual override is active, which suppresses the comparison.

- **The levels look wrong on my feed**

  Every anchor is a VWAP, so your feed must supply real exchange volume for the instrument. Playback data and some free feeds ship without volume — check the same chart on your live/sim feed (e.g. Kinetick, CQG, Rithmic).

- **The chart is too cluttered**

  Reduce `Bands Each Side`, increase `Band Step`, or turn `Show Band Labels` off. Each fix can also be hidden independently.

- **The indicator doesn't appear in the Indicators list**

  Check the import finished without errors (Tools → Import → NinjaScript Add-On), then restart NinjaTrader. It lives in the **TraderSuite** folder of the Indicators dialog, not the top level.

- **Compilation error after import**

  Delete any older copy of the file first, then re-import so NinjaTrader compiles a single clean version.

- **Panel says ✗ Internet required**

  The first validation of a new key needs a connection. Once validated it caches for 24 h and rides an offline grace period after that.

- **Panel says ✗ Max activations reached**

  Your key is active on its maximum number of machines. Deactivate an old machine from your account dashboard, then activate this one.

> **Still stuck?**
>
> Email **completetradersuite@gmail.com** with your NinjaTrader version, the indicator version from the panel, and a screenshot. The TraderSuite Team will get you running.

SECTION 14

Changelog

What changed in each release. Update through your account download page — import the new zip over the old version (delete the old file if NinjaTrader reports a duplicate).

Version	Notes
`v1.0.0`	**Current build — initial release.** COMEX settlement-window VWAP anchor with percentage variation bands, LBMA AM & PM fix anchors, manual settlement override, chart-time window controls and the anchors panel. Non-repainting; closed bars only.

Staying current

Licence holders get every update free — and the indicator is included with TraderSuite membership. The panel shows your installed version; compare it with the version on the product page whenever you like.

TraderSuite

Thank you for trading with Gold Settlement. For the latest build, video walkthroughs and support, visit us online.

Web tradersuite.online
Email completetradersuite@gmail.com