TRADERSUITE · PROFESSIONAL INDICATOR SERIES

Smart Money Flow Cloud

The complete user guide — trend following weighted by money flow, an adaptive cloud with higher-timeframe levels, a choppiness gate that says when to stand aside, and dedicated reversal detection.

v1.0.0 tradersuite.online

GETTING ORIENTED

Contents

How to read this guide

Sections 1–8 explain what you see on the chart and why. Section 9 is a full reference for every setting. Keep it open beside a chart on your instrument — each visual mirrors what the indicator draws.

SECTION 01

What this indicator does

Smart Money Flow Cloud reads the trend through money flow rather than price alone — its core engine is volume-weighted, so the adaptive cloud it draws reflects where money actually moved, not just where price drifted. Around that core it layers the context a trend trader normally assembles by hand: higher-timeframe support and resistance on your execution chart, a multi-timeframe alignment panel, a choppiness reading that says when trend-following is unsuitable, buy/sell signals with SL/TP levels plotted automatically, and a separate reversal-detection engine.

A cloud built from flow

The trend engine is weighted by volume, so the cloud changes character with participation — and tends to flatten earlier when a move is running out of real commitment.

A gate, not just a signal

A Choppiness Index against a 61.8 threshold, plus ATR volatility warnings, tells you directly when conditions are ranging and trend signals should be ignored.

Levels from above

Support and resistance derived from a configurable higher timeframe are drawn on the chart you actually trade, with a Daily / 4H / 1H / 15M alignment panel beside them.

Signals with a frame

Buy/sell signals plot their own SL/TP levels, retest dots mark pullback entries, and DELTA reversal signals flag potential turning points — from a separate engine.

Who it's for

Trend and swing traders who want participation built into their trend read — and an honest, on-chart answer to the question "do conditions even suit trend-following right now?". It runs on any instrument NinjaTrader 8 can chart with volume data, and calculates on closed bars only, so it never repaints.

Futures (ES, NQ, GC, CL…) | Forex | Crypto | Stocks | Timeframes: 1 min – Daily | Needs volume data | No repaint — closed bars only

A note on honesty

A flow-weighted cloud describes which way the market is *leaning* and with what participation — it does not predict the next bar. Nothing here promises outcomes; the tool organises evidence so you can make faster, better-informed decisions. Always apply your own risk management.

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 the chart → Indicators… → open the TraderSuite folder → double-click `TS_SmartMoneyFlowCloud`.
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 (latest version recommended) · a valid TraderSuite licence or active membership · a data feed with volume for your instrument · an internet connection for licence validation · at least 100 bars of loaded history for accurate calculations.

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 colours and settings feel right, right-click the chart → *Templates* → *Save as default* so every new chart opens ready to trade.

Anatomy of the chart

Everything the indicator draws, on one screen: the adaptive cloud under painted bars, higher-timeframe levels across the chart, signal markers with their plotted SL/TP frame, and the info panel keeping conditions in view.

1. **Adaptive cloud** — flow-weighted trend band; green bullish, red bearish.
2. **Painted bars** — candles coloured to the current trend read.
3. **Buy/sell signal** with automatically plotted **SL/TP** levels.
4. **Retest entry dot** — a pullback re-entry opportunity.
5. **HTF S/R lines** — red resistance / lime support from a higher timeframe. A Δ REV diamond marks a reversal signal.
6. **Momentum gauge** — bullish/bearish strength percentage.
7. **Market info panel** — choppiness vs threshold, ATR state, MTF trend.

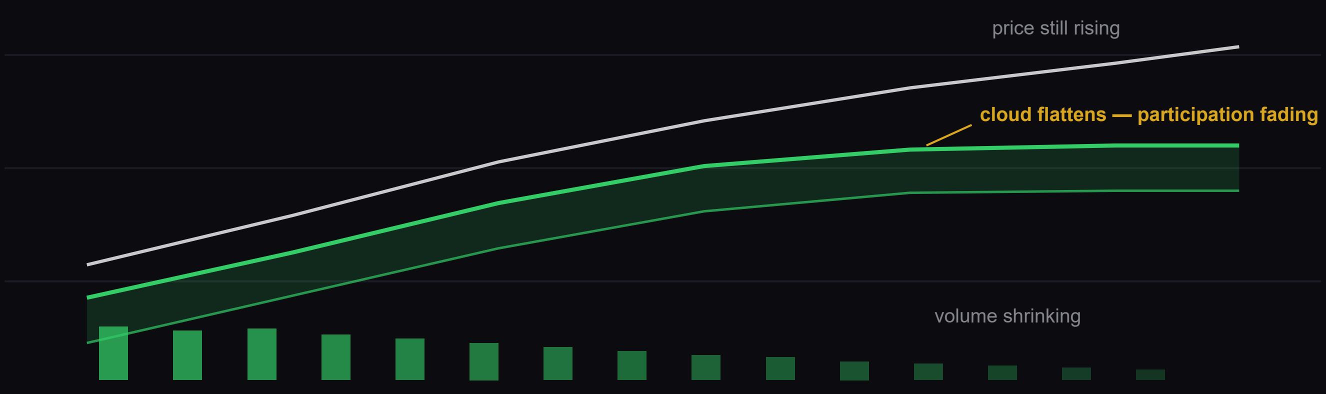
> **Every layer is a toggle**
>
> The cloud, the painted bars, the HTF levels, the panel and the signal markers are all independent display options. If your chart feels busy, switch layers off in the settings (Section 09) until it shows only what you actually use.

SECTION 04

The flow-weighted cloud

Most trend indicators read price and treat volume as an afterthought. A moving average rising on thin volume and one rising on heavy volume look identical to a conventional indicator — yet they mean very different things. The first is drift; the second is a move people are actually committing to.

The core engine here is **volume-weighted**, so the trend read reflects where money moved rather than only where price went. The cloud that results is **adaptive**: its behaviour changes with flow rather than following a fixed formula, and its band width breathes with volatility through dynamic ATR-based edges.



The tell: price keeps climbing, but the flow-weighted cloud stops rising with it. The move is running on price momentum, not fresh participation.

The earlier warning

Because participation is inside the calculation, the cloud tends to flatten earlier when a move runs out of commitment — rather than sloping on with price alone. That earlier warning is the point of the design.

Bar painting

Bars are painted in the current trend colour, so the cloud's read is visible in the candles themselves — an instant answer to "which way is this leaning?" without studying the band.

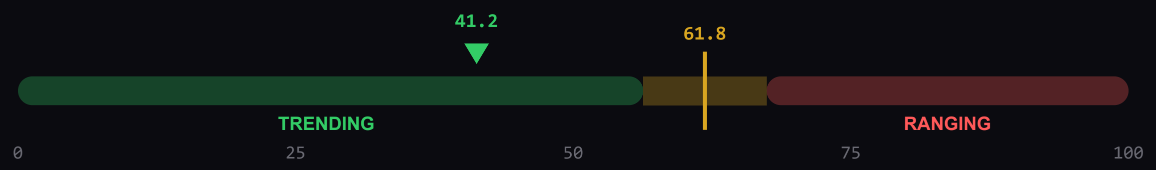
Closed bars only

Everything calculates on bar close (`Calculate.OnBarClose`). Nothing repaints — which also makes Market Replay an honest rehearsal of what you would have seen live.

SECTION 05

The choppiness gate

The single most useful number on the panel — and the one most traders ignore. Every trend-following tool has the same weakness: it performs badly in ranges. This indicator measures that condition directly and reports it, against a default threshold of **61.8**.



The choppiness scale. A reading of 41.2 sits well below the 61.8 threshold — the environment the cloud is built for.

Choppiness reading	Condition	What to do
Well below 61.8	Trending	The environment the cloud is built for. Trend signals are meaningful.
Near 61.8	Transitional	Reduce size or wait. Direction is not established.
Above 61.8	Ranging	Stand aside from trend signals. This is where trend following bleeds.

The main way to lose money with this indicator

Trading trend signals through high choppiness. The reading exists precisely so you do not have to judge conditions by eye — and it costs nothing to respect it.

The volatility warning

Alongside choppiness, an ATR reading with configurable warning bounds flags when volatility is unusually low — another condition in which trend signals tend to disappoint. The low warning defaults to **0.3**. Treat the two together as a gate: only when choppiness is below threshold *and* volatility is normal is the market in the state this tool was designed for.

Learn your instrument's normal

The exact "normal" choppiness range varies by instrument. Watch the reading for a full session before trading anything — that hour of patience is the cheapest education this tool offers.

SECTION 06

Higher-timeframe S/R

Levels derived from a higher timeframe, drawn on the chart you actually trade. The layer works from a configurable `HTF Period` — **15** by default — scanning back over an `HTF Lookback` of **50** to find the levels that matter on that larger timeframe. Lines extend for a configurable length (default **100**), drawn **2** pixels thick — red for resistance, lime for support — and can carry labels.

Levels from the higher-timeframe scan, drawn across your execution chart. Reactions cluster where the larger timeframe's participants are watching.

Why higher-timeframe levels specifically

A level visible on your execution chart is visible to everyone on that timeframe. A level from a materially higher timeframe is watched by a larger and slower group of participants — and tends to produce more decisive reactions.

Choose a timeframe you use

Set the HTF period to a timeframe you genuinely reference. Levels derived from an arbitrary higher timeframe are just more lines on the chart.

Levels not appearing?

Confirm the HTF period is genuinely higher than your chart's timeframe, and that enough history has loaded to cover the 50-period lookback.

Location, not a signal

A touch of a level is location, never an entry on its own. Use the levels for *where*, the cloud for *which way*, and the choppiness gate for *whether at all* — the three questions this indicator keeps separate on purpose.

SECTION 07

Signals & reversals

The trend engine answers "which way is the market leaning, and with what participation?". Reversal detection asks something else entirely: **is this move ending?** The two run as separate engines with their own settings — so a reversal signal is not merely the trend engine changing its mind, but a distinct assessment with its own criteria.

Marker	What it marks	How to use it
`BUY / SELL`	A trend signal in the cloud's direction.	Entry candidate — it plots its own SL/TP levels so the trade has a frame from the first bar.
`Retest dot`	A pullback that holds — a re-entry opportunity within the trend.	The patient entry: join an established trend at a better price instead of chasing.
`Δ DELTA reversal`	A potential turning point, from the separate reversal engine.	A warning and an exit cue — tighten stops or take profit. Not an automatic entry the other way.

A retest dot marks the pullback holding; the BUY signal arrives with its SL/TP frame already plotted; a Δ reversal later flags the move maturing.

Signals inherit the gate

A trend signal that fires while choppiness is above threshold means little — the gate outranks the arrow. Check conditions first, signal second.

The strongest read

A reversal signal that coincides with the cloud flattening *and* a higher-timeframe level is considerably stronger than any of the three alone.

SECTION 08

Panels & the momentum gauge

The on-chart panel summarises conditions before you act: the choppiness gate, the volatility state, the multi-timeframe trend and a live momentum gauge — all without opening another chart.

- Licence & activation state at a glance
- Choppiness against its 61.8 threshold — the gate
- ATR volatility state, with low-volatility warnings
- Daily / 4H / 1H / 15M trend alignment
- Momentum gauge — bullish vs bearish strength %
- All of it updating live, on closed bars

The alignment read

The multi-timeframe rows are the second most useful lines here. A cloud turn on your working timeframe that disagrees with the higher-timeframe read is a much weaker proposition than one where both agree — and the panel makes that visible without opening another chart.

ALIGNED ▲	MIXED	ALIGNED ▼
All timeframes bullish	Timeframes disagree — caution	All timeframes bearish

Alignment states. Full agreement across Daily, 4H, 1H and 15M is the strongest backdrop for a trend entry.

Reading it at a glance

Gate first (choppiness and ATR), alignment second (MTF rows), conviction last (momentum gauge). If the panel and your idea disagree, that is information too.

SECTION 09

Settings reference

The options below are grouped as they appear in the NinjaTrader indicator dialog.

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 on-chart panel.
`License Key`	`(empty)`	Your key. Leave empty for a 7-day trial. Masked as ••• for privacy.

Higher Timeframe S/R

Option	Default	What it does
`Show HTF Levels`	`On`	Draw higher-timeframe support and resistance.
`HTF Period`	`15`	The higher timeframe the levels are derived from.
`HTF Lookback`	`50`	How far back the level scan runs.
`HTF Line Length`	`100`	How far each level extends across the chart.
`Resistance / Support Color`	`Red / Lime`	Level colours.
`S/R Line Style`	`Solid`	Line style for levels.
`S/R Line Thickness`	`2`	Level line width in pixels.
`Show S/R Labels`	`On`	Print labels on each level.
`S/R Label Font Size`	`9`	Label point size.

Market Info

Option	Default	What it does
`Show MTF Panel`	`On`	Display the multi-timeframe and conditions panel.
`Show ATR Info`	`On`	Include the volatility reading.
`Choppiness Threshold`	`61.8`	Above this, conditions are ranging rather than trending.
`ATR Warning Low`	`0.3`	Below this, volatility is flagged as unusually low.

The remaining groups

Further groups cover the core engine and its presentation — each configurable independently. Their defaults ship as sensible starting points; the table describes what each group controls.

Group	What it controls
`Trend Engine`	The core flow-weighted trend calculation, including its sensitivity.
`Smart Money Flow`	The volume-weighted money-flow analysis that feeds the trend read.
`Adaptive Cloud`	The cloud's rendering and its dynamic ATR-based band width.
`Signals`	Buy/sell signals, SL/TP plotting and retest entry dots.
`Colors`	Every colour on the chart — cloud, bars, signals and levels.
`Reversal Detection`	The separate DELTA reversal engine and its own criteria.

A note on defaults

Defaults are a starting point, not a universal. The ATR warning bounds in particular should be set so they reflect meaningful volatility for what *you* trade — and the choppiness threshold is worth observing on your instrument before you change it.

Brand colour reference

#D9A621
Gold — primary / panel / retest dots

#00CCCC
Cyan — section headers / Δ reversals

#33CC66
Green — bullish cloud / support / buys

#FF5959
Red — bearish cloud / resistance / sells

#FFA500
Orange — warnings / trial states

#85858E
Grey — neutral / mixed / labels

On-chart colours are yours

The guide's figures use the TraderSuite palette. On your chart, the Colors group lets you restyle the cloud, bars, signals and levels to match your own scheme — the defaults follow the red/lime convention shown in the settings above.

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_SmartMoneyFlowCloud` 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.

SECTION 11

Trading with it — a workflow

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

1. **Check the gate first.** Choppiness below 61.8 and no low-ATR warning? Only then are trend signals worth reading at all.
2. **Read the alignment.** Do the Daily / 4H / 1H / 15M rows agree? Full alignment is the strongest backdrop; mixed rows mean smaller size or patience.
3. **Take direction from the cloud.** Trade with the cloud and the painted bars, not against them — and note whether the cloud is still rising or starting to flatten.
4. **Locate with HTF levels.** The best pullbacks in an uptrend land on higher-timeframe support; use the levels for location, the cloud for direction.
5. **Time the entry.** Wait for a retest dot or a buy/sell signal rather than chasing — the signal arrives with its SL/TP frame already plotted.
6. **Manage with the frame.** Use the plotted SL/TP as your reference, and the momentum gauge for conviction as the trade develops.
7. **Respect Δ reversals.** A DELTA signal at a higher-timeframe level, with the cloud flattening, is your cue to tighten stops or take profit.

Confluence is king

The strongest setups are where several reads agree — a trending gate, full MTF alignment, a pullback onto a higher-timeframe level, and a signal firing there.

Avoid

Trading trend signals above the choppiness threshold, fighting the MTF panel, treating a lone Δ reversal as an entry, or ignoring a low-volatility warning.

THE SEQUENCE, COMPRESSED

GATE	ALIGN	DIRECTION	LOCATE	TRIGGER
Choppiness & ATR	MTF rows agree	Cloud & bars	HTF level	Dot or signal

Five checks, in order. If an early one fails, the later ones do not matter yet.

Walk it in replay first

Because everything calculates on closed bars, NinjaTrader's Market Replay is an honest rehearsal. Run the sequence on a past session until it feels mechanical before trading it live.

SECTION 12

What this indicator is not

Being clear about limits is part of being useful. Smart Money Flow Cloud 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 reads flow, conditions, levels and momentum; the decision — and the responsibility — stays with you.
- **It does not predict the future.** The cloud describes which way the market is leaning and with what participation. Any trend can fail — that is exactly why the choppiness gate exists.
- **It does not promise profits.** No indicator does. Past behaviour of a trend, a level or a flow reading does not guarantee future results.
- **It is not an automated strategy.** It places no orders and manages no positions. The SL/TP levels it plots are reference levels 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

A disciplined way to keep flow-weighted trend, market conditions, higher-timeframe levels and momentum on one clean chart — so your preparation is faster and your decisions are better informed.

SECTION 13

Troubleshooting & FAQ

- **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.

- **Does it repaint?**

  No. Everything runs on `Calculate.OnBarClose` — signals, cloud and panel are final once the bar closes.

- **The cloud keeps flipping**

  Check choppiness. Above the threshold the market is ranging, and a trend cloud will flip — that is the condition, not a fault. Stand aside.

- **No higher-timeframe levels appear**

  Confirm the HTF period is genuinely higher than your chart's timeframe, and that enough history has loaded for the 50-period lookback.

- **The chart looks empty right after loading**

  The indicator needs a minimum of about 100 bars of history for accurate calculations. Load more days of data, or wait for bars to build on a fresh session.

- **Readings look odd, or the flow seems flat**

  Your data feed must supply volume for the instrument — the engine is volume-weighted. Playback and some free feeds ship without volume; check the same chart on your live/sim feed.

- **Trend and reversal signals disagree**

  Expected — they are separate engines answering different questions. Disagreement usually means a move is maturing.

- **Why is the ATR warning firing?**

  Volatility has dropped below the configured low bound (default 0.3). Trend signals in very quiet conditions tend to disappoint — the warning is doing its job.

- **Panel says ✗ Internet required / ✗ Max activations**

  The first validation of a new key needs a connection; after that it caches for 24 h with an offline grace period. Max activations means your key is active on its limit of machines — deactivate an old one from your account dashboard.

> **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.** Flow-weighted adaptive cloud with dynamic ATR bands, bar painting, choppiness gate and ATR warnings, higher-timeframe S/R, multi-timeframe panel, momentum gauge, buy/sell signals with SL/TP plotting, retest entry dots and DELTA reversal detection.

What ships in v1.0.0

Feature	In brief
`Adaptive Money Flow Cloud`	Flow-weighted trend band with dynamic ATR-based edges.
`Momentum Gauge`	Real-time bullish/bearish strength percentage.
`Multi-Timeframe Trend Panel`	Daily, 4H, 1H and 15M alignment at a glance.
`Smart Buy/Sell Signals`	Trend signals with automatic SL/TP level plotting.
`Higher Timeframe S/R`	Support and resistance detected on a larger timeframe.
`DELTA Reversal Signals`	Potential turning points from a separate engine.
`Market Status Panel`	Choppiness Index and volatility warnings.
`Retest Entry Dots`	Pullback trading opportunities marked on the chart.
`Bar painting`	Instant trend visualisation in the candles themselves.
`Customisation`	Colours, sensitivity and display options throughout.

Staying current

Licence holders get every update free. The panel shows your installed version; compare it with the version on the product page whenever you like.

TraderSuite

Thank you for trading with Smart Money Flow Cloud. For the latest build, video walkthroughs and support, visit us online.

Web tradersuite.online
Email completetradersuite@gmail.com