SR Zones Pro NT8

Interactive tutorial · Simulated MNQ 1-min · real algorithm (pivot 5/3, ATR-14 clustering ×0.5, strength scoring, role flip, MTF confluence)

Range | Breakout | Reversal | Chop — 120 bars | 240 bars

Layers: Zone lines · Boxes · Labels · Flip markers · Info panel

Algorithm: Role flip — MTF off | MTF 15m — Pivot 5/3 | Pivot 8/5 — Cluster × ATR ×0.30



zone line — color = role, opacity & width = strength · box = cluster band (0.5 × ATR merge distance) · 23158.50 | 6x·4S ★ ⇄ label chip (right margin, auto-stacked) · FLIP chip = resistance ↔ support conversion bar

1 · What you are looking at

The indicator finds swing pivots (5 bars left / 3 bars right by default), then **clusters** nearby swings into zones using 0.5 × ATR as the merge distance — so three highs within one ATR of each other become ONE zone at their weighted-average price, not three lines. Each zone then lives a lifecycle: it gains **touches**, loses points to **breaks** and **age**, and either survives or gets cleaned up (max 30 zones, 200 bars untouched, or breaks > touches with 3+ breaks).

- **Red** = resistance (selling interest), **green** = support (buying interest). Brighter + thicker = stronger.
- The **box** around each line is the cluster band — price anywhere inside it counts as "at the zone".

2 · Reading a label chip

- `23158.50 | 6x` — zone price and total contacts (pivot + merges + touches).
- `·4S` — 4 of those contacts were **strong rejections**: the wick tagged the band but the candle **body closed outside** it. Strong touches weigh 15 pts each in the strength score; soft touches (close inside the band) only 7.
- `★` — **MTF confluence**: the same level formed on both the chart timeframe and the higher timeframe (enable "MTF 15m" above and watch stars appear). +15 strength and a thicker line.
- `⇄` — this zone has **flipped roles** at least once (broken resistance became support, or vice versa).

3 · Touch → break → flip

- A **touch** = price enters the band and closes back on its own side (rejection). It refreshes the zone's age and adds its volume to the zone's volume profile.

- A **break** = close beyond the band by 1.5 × cluster distance. With **Role Flip ON** the zone converts instead of dying: type flips, counters reset (Touches = 1, Breaks = 0), and a **FLIP chip** marks the conversion bar. A 5-bar cooldown stops whipsaw double-flips. Try the "Breakout" tab — the broken range-top flips green and catches the first pullback.
- Post-flip retests count as normal touches automatically — the touch logic keys off the zone's new role.

4 · Strength (the score behind opacity and width)

`min(50, strong×15 + soft×7) + min(20, volume×10) + 15 if confluent − breaks×10 − age decay`

- Volume bonus: contacts on above-average volume (rolling EMA baseline) push strength up — institutional levels light up.
- Age decay: untouched zones fade slowly; HTF-origin zones age 4× slower and survive without meeting the 2-touch label minimum.

5 · The info panel

Shows the **2 nearest zones above and below** the live price with distance in ATR, touch detail, badges and a strength bar. This is your trade-planning surface: entries near a high-strength zone 1–2 ATR away, caution when price is wedged between two strong zones.

6 · Settings guide (NT8 property grid)

- Detection — Pivot Left/Right (bigger = fewer, more significant swings), ATR Period, Cluster Distance × ATR (raise it on noisy charts to merge more, lower it to separate close levels).
- Zone Management — Max Active Zones, Max Zone Age Bars, Hide Zones Beyond × ATR (declutter far levels).
- Role Flip — Enable Role Flip + Show Flip Markers.
- MTF Confluence — Higher Timeframe (5m…1W or Off). Adds a second series; Off = no extra data loaded.
- Appearance — labels, boxes, info panel position (4 corners), colors, font size, base line width.

7 · Suggested workflow

- 1. Glance at the panel: where are the 2 nearest zones above/below, and how strong?
- 2. Wait for price to reach one. A strong-touch rejection (wick in, body out) at a ★ or high-volume zone is the highest-quality signal.
- 3. Respect flips — a fresh FLIP level is a classic retest entry (the "polarity" level).
- 4. Zones that keep soft-touching and bleeding strength are candidates for a break, not a bounce.

8 · Licensing & installation

- SR Zones Pro NT8 is protected by **NinjaTrader user-based vendor licensing**. The platform validates the email tied to your NinjaTrader account against the vendor license server each time the indicator loads — no license keys to type in.
- **After purchase:** the vendor adds a license for your NinjaTrader account email in the license dashboard. Restart NinjaTrader and it unlocks on every machine you sign into. Optional free-trial days are honored automatically before purchase is required.
- **Install:** download the product .zip, then in NinjaTrader go to `Tools > Import > NinjaScript Add-On` and select the file. The indicator appears under `Indicators > SR Zones Pro NT8`.
- Licenses are per-user (email), not per-machine — your activation follows your NinjaTrader sign-in.