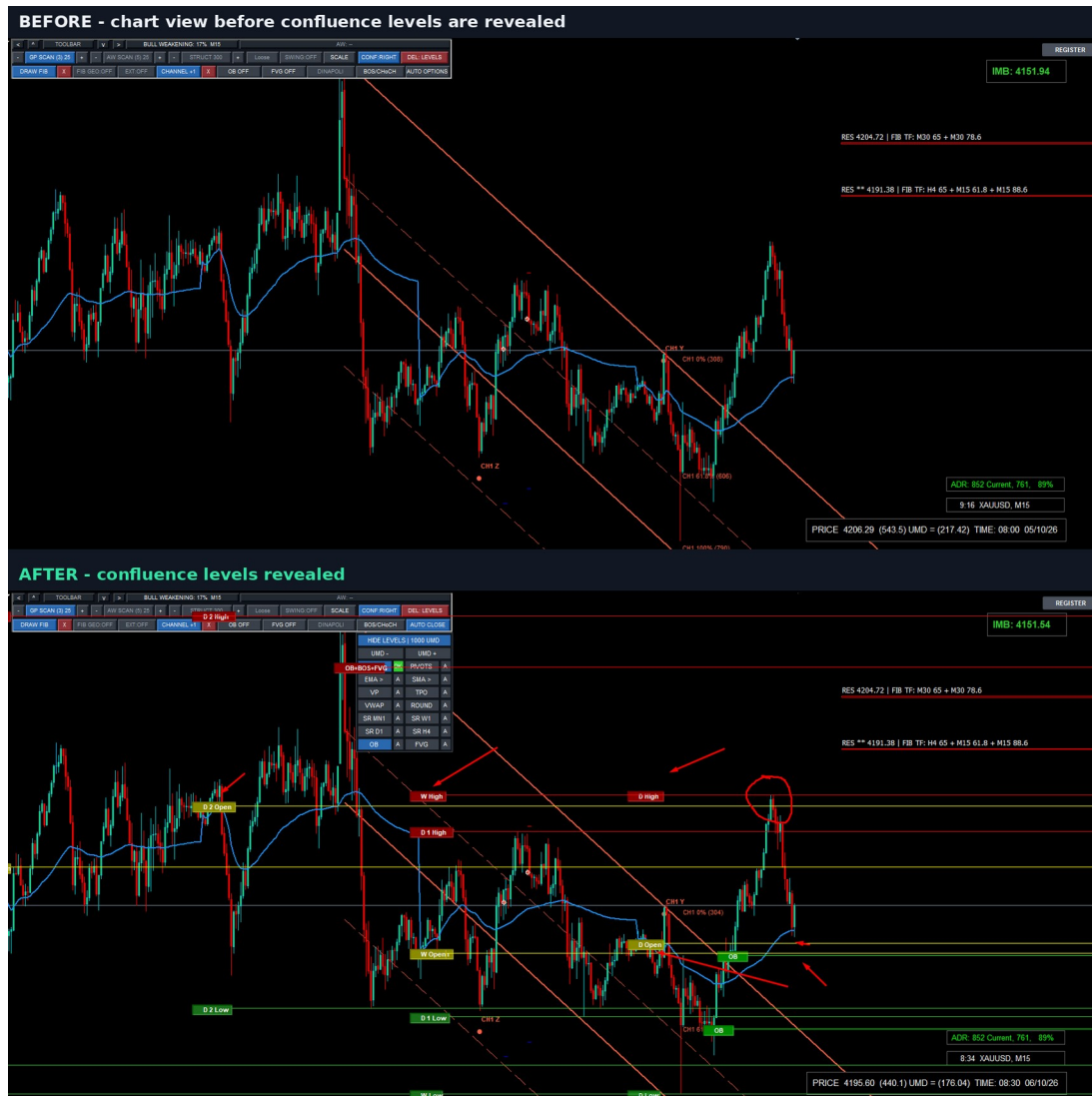


GP CONFLUENCE SCANNER

MT4 & MT5

Confluence scanning, market structure, Fibonacci geometry, profiles and chart tools in one workspace.



7-DAY TRIAL The trial starts when the indicator is first opened. Registration, licence selection and payment are handled inside the indicator.

Core idea: before you take a trade, check what is in the way.

1. Quick start

1. Install the compiled GP Confluence Scanner file in the correct MetaTrader Indicators folder and refresh/restart MetaTrader.
2. Attach GP Confluence Scanner to the chart you want to analyse.
3. On first launch the 7-day trial starts automatically.
4. Choose GP SCAN, AW SCAN or STRUCT depending on the job you want the scanner to do.
5. Use AUTO OPTIONS to choose the market-reference families you want available on the chart.
6. Review the levels around price before entry, while managing a trade, or as confirmation for your own setup.
7. Use the manual tools - DRAW FIB, FIB GEO, EXT, CHANNEL and DINAPOLI - when you want to analyse a specific swing or geometry.

IMPORTANT The scanner is a decision-support tool. A generated level is not a guaranteed reversal. The strongest use is to combine the generated levels with price behaviour and your own trade idea.

Installation folders

MetaTrader 4

File > Open Data Folder > MQL4 > Indicators. Copy the compiled .ex4 file there, then refresh Navigator or restart MT4.

MetaTrader 5

File > Open Data Folder > MQL5 > Indicators. Copy the compiled .ex5 file there, then refresh Navigator or restart MT5.

Trial and licence

The product opens as a 7-day trial. The website does not take payment. Registration, licence options and payment are handled from the indicator itself. Follow the on-chart licence panel when you are ready to purchase or when activation is required.

2. Toolbar overview

The finished toolbar is split into scan controls and manual analysis tools. The controls below are taken from the current MT4/MT5 codebase.

Control	What it does	Practical use
- / GP SCAN / +	Runs the Golden Pocket/Fibonacci-led scan. - and + change the live GP swing count.	Use when you want Fib-led zones first, then inspect the other confluences around them.
- / AW SCAN / +	Runs the deeper AW all-leg Fib scan. - and + change the live AW swing count.	Use when you want broader measured Fib relationships across the confirmed swing structure.
- / STRUCT / +	Runs the non-GP structure scan. The default seed is active/unfilled FVG structure.	Use when you want structure-first zones instead of requiring a Golden Pocket seed.
Strict / Loose	Strict requires a tighter same-leg relationship; Loose uses normal scan behaviour.	Use Strict when you want tighter Fib provenance; Loose when you want the normal broader scan.
SWING:ON/OFF	Shows the confirmed swing route used by the scanner.	Useful for checking which recent swing legs are actually inside the live scan window.
SCALE	Toggles chart scale control.	Use when you want to freeze/release the chart scale while inspecting levels.
CONF:BAR0 / CONF:RIGHT	Controls whether confluence lines stop at the current bar or extend to the right.	Choose the display style that best suits live monitoring.
DEL RECTS	Clears scan rectangles/scan drawings.	Use to reset the scan display without changing the underlying settings.

2A. Toolbar overview - manual tools

Control	What it does	Practical use
DRAW FIB	Starts an independent manual Fib set.	Use on a specific swing; each Fib can also build a fixed-range volume profile.
FIB GEO:ON/OFF	Runs the market-geometry engine on the current chart timeframe.	Use to read symmetry, expansion, contraction and geometry-based continuation/exhaustion context.
EXT:ON/OFF	Shows clustered AW extension targets.	Use to map projected target areas from multiple AW ranges.
CHANNEL	Creates independent three-point Fibonacci channels.	Use X-Y-Z geometry to project parallel Fibonacci rails forward.
OB	Opens the multi-timeframe Order Block panel.	Show OB, OB+BOS and OB+BOS+FVG states by timeframe.
FVG	Opens the multi-timeframe Fair Value Gap panel.	Display active bullish/bearish FVGs by timeframe.
DINAPOLI	Runs the automatic A-B-C objective tool.	Maps COP, OP and XOP objectives and Fib-node agreement.
BOS/CHoCH	Opens multi-timeframe structure display.	Shows the latest and immediately previous BOS/CHoCH for each selected timeframe.
AUTO OPTIONS	Opens the saved source-selection panel.	Choose which confluence families should be available around current price.

3. The three scan modes

GP SCAN

GP SCAN is the Golden Pocket/Fibonacci-led mode. The current default scan timeframes are M15, M30, H1, H4 and D1. It builds zones from confirmed swing legs and the enabled Fib levels, then measures the enabled structural and market-reference families around those zones.

- Default enabled Fib set includes 38.2, 50, 61.8, 65, 78.6 and 88.6.
- Golden Pocket and other Fib sources remain identifiable in the zone provenance.
- The scan can separate support and resistance and can sort zones by price or score.
- Use the - / + controls to change how many confirmed swings are considered live.

AW SCAN

AW SCAN uses a deeper all-leg Fib engine across the confirmed swing structure. It is designed to expose broader Fib relationships rather than only the Golden Pocket view. The default timeframes are also M15, M30, H1, H4 and D1.

- AW SCAN keeps the Fib source lineage so a zone is not just a mystery line.
- The deeper scan can be useful when several independent swing legs agree at a similar price.
- Strict/Loose still controls how tightly Fib evidence must relate to the same swing leg.

STRUCT

STRUCT is a separate non-GP workflow. It is seeded by active/unfilled FVG structure and applies its own confluence filter. Golden Pocket is optional unless you explicitly include it in the structure filter.

- The toolbar - / + changes the structure lookback in 25-bar steps.
- STRUCT can use market references such as FVG, H4 open, non-GP Fib and other enabled evidence.
- STRUCT results are designed for manual review/addition rather than being forced into the GP scan model.

4. Confluence sources

AUTO OPTIONS is the main source-selection UI in the finished build. Selections remain saved after the dropdown is closed. The chart can therefore be kept clean while the underlying source choices remain active.

Control	What it does	Practical use
D/W/M	Current and previous Daily, Weekly and Monthly opens/highs/lows.	Useful for checking whether price is approaching a major time-based reference.
MN1/W1/D1/H4 S/R	Multi-timeframe support/resistance levels.	H4 support/resistance is a separate family from pivots.
Pivots	Daily, Weekly and Monthly classic pivot families.	Use as independent support/resistance confirmation.
Round numbers	Instrument-aware round-number levels.	Useful for psychological/reference price clustering.
VP	Volume Profile POC, VAH, VAL plus profile nodes where available.	Shows volume-derived reference levels.
TPO	TPO POC, VAH, VAL plus profile nodes where available.	Shows time-at-price reference levels independent of VP.
VWAP	Daily, Weekly and Monthly current/previous VWAP values.	Adds average-price context to a Fib or structure zone.
EMA / SMA	Configurable moving-average periods and timeframes.	Use only the periods you care about; the lists are customer-editable.
OB	Base Order Blocks and their confirmation state.	OB -> OB+BOS -> OB+BOS+FVG. CHoCH does not upgrade an OB.
FVG	Active bullish/bearish Fair Value Gaps.	Use as standalone imbalance context or as an extra confirmation on an OB displacement.
BOS / CHoCH	Multi-timeframe break-of-structure / change-of-character display.	Shows the current/latest event and the immediately previous event for each selected timeframe.
CONFIRM YOUR OWN TRADE IDEA The generated levels can be used as confirmation for your own strategy. For example, if your setup says BUY, the scanner can show whether that entry is sitting on meaningful support - or heading directly into resistance.		

5. FIB GEO - market geometry explained

FIB GEO is the toolbar name for the scanner's objective market-geometry engine. It runs on the current chart timeframe and is separate from GP SCAN and AW SCAN.

8. The engine finds a structurally qualified impulse leg called d. Its 50% centre must pass through the strongest single bar inside that impulse.
9. It expands d by one confirmed swing point on each side to create e, then expands again to create f.
10. The d/e/f ranges are selected from structure and force first. Fibonacci milestone checks are applied afterwards as validation, so the anchors are not moved just to manufacture a Fib fit.
11. The tool compares the d, e and f 50% centres and classifies the geometry as SYMMETRICAL, EXPANDING UP/DOWN, CONTRACTING UP/DOWN or MIXED/TRANSITION.
12. The d range is then checked against its 38.2, 50 and 61.8 milestones. The number of validated milestones provides the WEAK / GOOD / STRONG confidence description.
13. Where enabled, FIB GEO can also show VOID or EXH guidance relative to the next meaningful grid-confirmed opposing zone.

Why this matters FIB GEO gives a structured view of whether the market's measured range is expanding, contracting or staying balanced. It is not a buy/sell signal; use it as context beside price action, confluence and your own setup.

6. Manual Fib, profile, channel, EXT and DiNapoli

DRAW FIB + Fixed Range Volume Profile

DRAW FIB creates independent manual Fib sets. A selected Fib range can build its own fixed-range profile so the Fibonacci map and the volume distribution are measured over the same range.

- Profile output can show POC, VAH and VAL.
- The histogram can be shown or hidden.
- Multiple independent Fib sets can be kept on the chart.

Three-point Fibonacci Channels

CHANNEL uses X -> Y as the original diagonal boundary. Z sets the 100% parallel width and chooses the projection side. The channel can show the main 0 / 61.8 / 100 / 161.8 / 261.8 rails with optional 38.2 / 138.2 internal rails. Multiple channel sets can be kept and managed independently.

EXT

EXT builds target confluence from the AW expansion set 61.8 / 100 / 138.2 / 150 / 161.8. A target zone requires projections from at least two different AW ranges to overlap under the current default settings.

DINAPOLI

DINAPOLI automatically maintains the latest valid A-B-C structure on the current chart timeframe. A -> B is the impulse, C is the end of the retracement, and the objectives projected from C are COP 61.8%, OP 100% and XOP 161.8%. The agreement engine can also check those objectives against active 0.382 / 0.618 Fibnodes.

7. Order Blocks, FVG and structure

Finished OB state model

OB Base Order Block candidate associated with a strong departure. This is the starting state.	OB+BOS The same OB zone subsequently produces a confirmed BOS in its direction.
OB+BOS+FVG The BOS displacement from that same OB also contains the associated Fair Value Gap.	CHoCH Displayed as structure information only. A CHoCH does not upgrade an OB to OB+BOS.

The OB and confluence engines use the same three-state model so the label seen on the OB tool and the label used as confluence are intended to agree.

BOS/CHoCH display

For every selected timeframe the structure tool keeps two events visible: the current/latest BOS or CHoCH and the immediately previous event. Bullish structure is shown in green and bearish structure in red. Timeframe buttons can be selected independently.

Alerts

The scanner includes one-shot proximity alerts and can send the same alert to MetaTrader push notifications when enabled. OB, FVG and BOS/CHoCH panels also support timeframe alert controls. Alerts are intended to tell you that price is approaching the relevant level; they do not replace trade confirmation.

8. Practical workflows

A. Confirm an existing trade idea

14. Form your trade idea using your normal strategy.
15. Run the relevant scan or show the source levels around current price.
16. Check the space between entry and target for opposing confluence.
17. Check whether your entry itself sits near supportive confluence in the direction of the idea.
18. Use BOS/CHoCH, OB/FVG and FIB GEO as additional context - not as compulsory conditions unless that is part of your own plan.

B. Find a reaction area first

19. Run GP SCAN or AW SCAN.
20. Inspect the strongest nearby support/resistance zones and their source provenance.
21. Turn on only the confluence families you want to verify.
22. Watch price behaviour when it reaches the area before deciding whether an entry exists.

C. Plan an open trade

23. Keep the source levels visible while the trade is active.
24. Identify the next opposing grid/level before price reaches it.
25. Use the level as context for target placement, partial profit or exit decisions according to your own plan.

Best practice A level is most useful when it answers a specific question: Is this entry running into resistance? Is my short sitting under meaningful resistance? Is my target placed beyond a major obstacle? Is the generated level confirming the idea I already have?

9. Settings that matter most

The code contains many advanced inputs. Most users only need to understand the groups below. Defaults can be changed in the indicator inputs if required.

Control	What it does	Practical use
ScanTimeframes	Default GP scan timeframes: M15,M30,H1,H4,D1.	Change only if you deliberately want a different multi-timeframe scan universe.
AWScanTimeframes	Default AW scan timeframes: M15,M30,H1,H4,D1.	Controls the deeper AW Fib scan and related Fib-node work.
GPSwingsBack / AWSwingsBack	Default 25 confirmed swing points; runtime +/- controls save the changed value.	Controls how much recent confirmed structure is considered live.
ADRPeriod / MinLegADRPercent	Adaptive minimum Fib-leg filter based on completed daily range.	Helps keep swing significance proportional across instruments.
EMAPeriods / SMAPeriods	Default 10,21,50,200 and editable timeframe lists.	Only include moving averages that matter to your workflow.
Confluence tolerances	Separate UMD tolerances exist for VP, TPO, VWAP, EMA, SMA, D/W/M and other families.	Controls how close a source must be to count as confluence.
AutoScan range	Default 100 UMD; +/- step 25 UMD.	Controls the current-price window used by the automatic source overlay.
AlertDistanceUMD	Default one-shot alert distance.	Controls when proximity alerts fire.

Support

If the chart becomes too busy, hide source families you do not need, turn SWING off, and keep only the relevant timeframe panels open. The scanner is designed so the analysis can be layered rather than displayed all at once.

Trading involves risk. GP Confluence Scanner is chart-analysis software and does not guarantee performance or future market behaviour. Nothing in the tool or this manual is personalised investment advice.