SMART MONEY SUITE

V2 PRO

Complete Operating Manual for MetaTrader 5

Smart Money Radar	Smart Money Panel
The Analyst	The Executor
Monitors market structure and identifies the 5 institutional patterns.	Turns signals into real orders with automated risk management.

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Version 2.0 - English Edition - 2026

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1. SYSTEM OVERVIEW

Smart Money Suite V2 PRO is a complete ecosystem for MetaTrader 5, designed to replicate the methodology of institutional traders (Smart Money Concepts - SMC). The system is composed of two tools that operate in perfect synergy:

Smart Money Radar The Analyst	**Smart Money Panel EA** The Executor
Advanced indicator that analyzes the chart in real time. Provides a Multi-Timeframe dashboard (H4, H1, M15), identifies Premium/Discount zones, computes the CHoCH (Change of Character) and scans the market for the 5 institutional patterns. When a setup is detected, it automatically calculates Entry, SL and TP and sends push notifications to your phone.	Expert Advisor (EA) with a draggable graphical panel. Receives data from the Radar via GlobalVariables and turns it into real orders with a single click. Automatically manages Break-Even when TP1 is reached, activates Trailing Stop on TP2 and TP3, and includes emergency buttons for fast position closing.

Operating philosophy: markets move in search of liquidity - the Stop Loss orders of retail traders. Bank algorithms *push* price beyond key levels to collect this liquidity, then reverse direction sharply. Smart Money Suite identifies these moves **before they complete**, allowing you to trade in the same direction as financial institutions.

2. INSTALLATION & CONFIGURATION

Indicator Installation (Radar)

1. Open MetaEditor (F4 in MT5, or menu Tools -> MetaEditor).
2. Copy the file **SmartMoneyRadar_v2_PRO.ex5** into: *MT5 Terminal -> MQL5/Indicators/*.
3. Press F7 to compile (if you have the .mq5 source). Check there are no errors in the Errors tab.
4. In MT5, drag the indicator from the Navigator onto the chart of the desired symbol.
5. In the parameter window, set **MoltiplicatoreAsset**: use 10 for Forex, 100 for Gold/Indices.

Panel EA Installation

1. Copy the file **SmartMoney_Panel_v2_PRO_EA.ex5** into: *MT5 Terminal -> MQL5/Experts/*.
2. Compile in MetaEditor (only if you have the .mq5 source).
3. Enable Algorithmic Trading on the MT5 toolbar.
4. Drag the EA from the Navigator onto the **same chart** where the Radar is loaded.

```
License Activation: the trial requires a valid smr_license.dat file in MQL5/Files/.
After receiving the license by email, save the attachment as smr_license.dat (remove
the .txt extension if present), then restart the EA.
```

Important: Radar and Panel EA must be loaded on **the same symbol** and the **same chart** for communication via GlobalVariables. The recommended timeframe for intraday trading is **M15**.

Configuration by Asset

Asset	MoltiplicatoreAsset	Recommended MinFvgPips
Forex (EURUSD, GBPUSD, ...)	10	1.5 - 3.0
Gold (XAUUSD, GOLD#)	100	5.0 - 10.0
Indices (US30, NAS100, ...)	100	10.0 - 20.0
Crypto (BTCUSD, ...)	1000	50.0 - 100.0

PART 1 - SMART MONEY RADAR (The Analyst)

The Radar is the analytical engine of the suite. Beyond providing you with a complete dashboard showing the Multi-Timeframe trend (H4, H1, M15), Premium/Discount zones and the Change of Character (CHoCH), its main task is to scan the chart in search of the **5 Institutional Patterns** described below.

When a pattern forms, the Radar automatically calculates the Entry, Stop Loss and Take Profit levels, sends a Push notification to your phone and transmits the data in real time to the Panel EA via GlobalVariables.

3.1 Analysis Panel

Element	Description
MULTI-TIMEFRAME	Trend of H4 and H1 candles. Score from -4 to +4 for trend strength.
PREMIUM/DISCOUNT	Indicates whether price is above (Premium = look for SELL) or below (Discount = look for BUY) the equilibrium zone (50% of the range).
INSTITUTIONAL SCORE	From -4 to +4. >=3 = STRONG BUY, <=-3 = STRONG SELL. Used to filter the POC Bounce setup.
CHoCH	Signals a potential trend change on the current timeframe when price breaks recent highs/lows.
LIQUIDITY (EQH/EQL)	Identifies "liquidity pools": equal highs (EQH) or equal lows (EQL) where retail Stop Losses cluster.
PDH / PDL	Static levels: Previous Day High and Previous Day Low, drawn as magenta lines on the chart.
HEATMAP + POC	Displays high-volume zones (simplified Volume Profile). The golden line marks the Point of Control.
OPERATING SETUP	Shows the active signal: type (BUY/SELL), Entry, SL and TP calculated by the algorithm.

3.2 Pattern 1: Liquidity Grab - EQH/EQL Sweep

The Logic: Financial markets move in search of liquidity: the Stop Loss orders of retail traders. Equal Highs (EQH) and Equal Lows (EQL) are the zones where this liquidity is most concentrated. Retail traders see a strong support or resistance and place their Stop Loss just beyond it. Bank algorithms push price beyond these levels to trigger those stops, then reverse.

How it works in the Radar: The Radar marks the EQH/EQL on the chart. The setup triggers when price spikes through the level and closes back on the opposite side, confirming the rejection.

Signal generated: Market Order (MKT) in the direction opposite to the false breakout, with SL just beyond the wick of penetration.

3.3 Pattern 2: Asian Session Sweep

The Logic: The Asian session is typically an accumulation phase within a narrow range. This phase traps pending orders and Stop Losses above the highs and below the lows of the overnight session. At the open of the main sessions (London or New York), *strong hands* manipulate price with a false breakout of the Asian range to steal the liquidity needed to fund the real move of the day.

How it works in the Radar: The indicator draws a blue box enclosing the overnight price range (default midnight to 06:00 broker time). The setup triggers when price exits the box and re-enters it immediately, closing the candle back inside.

Signal generated: Market Order (MKT) as soon as the false breakout is confirmed, targeting the opposite extreme of the Asian box.

3.4 Pattern 3: PDH / PDL Sweep

The Logic: Previous Daily High (PDH) and Previous Daily Low (PDL) are the two most important static levels for institutional algorithms during intraday trading. Just like with the Asian range, breaking yesterday's high or low attracts breakout traders. Banks use this incoming liquidity to unload their large positions.

How it works in the Radar: Two magenta lines are drawn (PDH and PDL). The indicator waits for today's price to pierce these key levels and then fail the breakout, returning back.

Signal generated: MKT on candle close. If price sweeps PDH and closes below: SELL. If it sweeps PDL and closes above: BUY. Stop Loss beyond the penetration wick.

3.5 Pattern 4: POC Volumetric Bounce

The Logic: This setup combines Price Action with volume analysis. The POC (Point of Control) is the price level at which the largest volume of contracts has been traded in the analyzed period (defined by CandeleVolume). The POC represents the fair value accepted by large operators. It acts as a powerful magnet for price - but also as a concrete wall. When the trend is strong (Score >=3 or <=-3), a pullback to the POC is an entry opportunity in favor of the dominant trend.

How it works in the Radar: The indicator draws the high-volume area (Heatmap) and traces a golden line (POC). The setup triggers if price *leans* on this level without breaking it, provided the Institutional Score is >=3 (BUY) or <=-3 (SELL).

Signal generated: MKT in the direction of the dominant trend. Stop Loss below (BUY) or above (SELL) the low/high of the candle touching the POC.

3.6 Pattern 5: FVG + Order Block

The Logic: This is the pillar of Smart Money trading. It represents the fingerprint of a large injection of institutional capital into the market. When institutions enter aggressively, they leave a **Fair Value Gap (FVG)** - a 3-candle imbalance - and an **Order Block (OB)**, the last opposite candle before the impulse. These zones often act as magnets where price returns later to fill the imbalance.

How it works in the Radar: The Radar marks the FVG (shaded area) and the underlying OB on the chart. The setup triggers when price pulls back into the OB zone, validated by the FVG above (BUY) or below (SELL).

Signal generated: Limit Order (BUY LIMIT or SELL LIMIT) placed exactly on the edge of the Order Block, waiting for price to return. This is the only setup that generates a pending order rather than a market order.

PART 2 - SMART MONEY PANEL EA (The Executor)

The Panel is your tactical command station. It transforms the Radar's analysis into real orders executed in a fraction of a second, managing risk and partial exits autonomously.

4.1 Interface & Movable Lines

The panel has a professional dark design and is freely draggable on the chart by clicking and holding the Top Bar. An anti-ghost system prevents the chart from moving while you reposition the panel.

BLUE LINE (Entry): your entry point for Limit orders. Position it at the desired level by dragging it with the mouse.
RED LINE (Stop Loss): your safety net, draggable. For BUY it must be below price, for SELL above. The EA automatically computes the 3 Take Profit levels based on the Entry-SL distance.

4.2 Auto Execution from Radar

This is the bridge to the indicator. When the Radar detects one of the 5 patterns and fires the alert, you don't have to compute anything:

• **AUTO BUY:** if the Radar detected a BUY setup, click this button and the EA will place the trade with Entry, SL and TP already calculated. If price is near Entry it opens at market; otherwise it places a Limit order.
• **AUTO SELL:** identical for SELL setups.

4.3 Manual Trading

Want to trade discretionally or spot an opportunity by eye? Position the two lines manually on the chart and use these buttons:

• **BUY MKT / SELL MKT:** instant entry at current price. The Red Line is used as SL.
• **BUY LIMIT / SELL LIMIT:** places a pending order. Blue Line = Entry, Red Line = Stop Loss. If the lines are inverted (e.g. SL above a BUY), the EA blocks the trade with a safety warning.

4.4 Position Management & Lot Engine

This is the real power of the EA. When you execute an order (auto or manual), the EA places 3 positions with the same volume each, but progressive TPs (1R, 2R, 3R). The lifecycle:

Stage	What happens
TP1 reached (Risk 1:1)	Closes the first profit portion (InpLottiTP1) and automatically moves Stop Loss to Break Even on the other two positions. The trade becomes risk-free.
Trailing Stop active (after InpTrailingStart pips)	The system trails price at a distance of InpTrailingStep pips, maximizing profit on TP2 and TP3 and protecting from retracements.
TP2 reached (Risk 1:2)	Closes the second portion (InpLottiTP2). The third position continues with active Trailing Stop toward TP3.

TP3 reached (Risk 1:3)	Closes the last portion (InpLottiTP3). Trade complete.

Safety & Emergency Buttons

FORCE B.E.	Immediately moves SL to entry price on all open trades for that asset, without waiting for TP1.
CLOSE WIN	Cashes in only the positions currently in profit.
CLOSE LOSS	Immediately cuts all losses, closing only negative positions.
CLOSE ALL	Panic button: instantly closes all open positions (winning and losing) and cancels all pending orders.

5. STEP-BY-STEP OPERATING SCENARIOS

Scenario A - EQH Sweep on XAU/USD M15 (Auto Mode)

1. The Radar identifies an EQH (Equal Highs) at 2,350.50.
2. The 10:15 candle pierces the level (high: 2,351.20) but closes below (close: 2,349.80).
3. The Radar generates: SELL MKT Entry@2349.80 | SL@2351.20 | TP@2347.00.
4. Your phone receives the Push notification with all the details.
5. On the Panel EA, you click AUTO SELL: the EA opens 3 positions automatically.
6. Price drops: TP1@2348.40 hit -> EA closes TP1 and moves the other two to Break-Even.
7. Trailing Stop trails price toward TP2 and TP3.

Scenario B - FVG + OB on EUR/USD M15 (Auto Mode)

1. The Radar identifies a BUY FVG: gap between 1.08230 and 1.08290 with OB at 1.08200.
2. The Radar generates: BUY LIMIT Entry@1.08230 | SL@1.08180 | TP@1.08330.
3. You click AUTO BUY: the EA places 3 Limit orders at 1.08230.
4. Price retraces to 1.08235 -> orders are filled.
5. Price moves toward the TPs. TP1 reached -> automatic Break-Even on TP2 and TP3.

Scenario C - Discretionary Trading with Manual Lines

1. You manually identify an opportunity on the chart (e.g. support zone on US30).
2. You move the BLUE LINE (Entry) to the desired entry level.
3. You move the RED LINE (SL) below the recent swing low.
4. You click BUY LIMIT: the EA places 3 pending orders with TPs computed automatically.
5. If price drops below your Entry without hitting SL, click FORCE B.E. to zero out risk.

6. PARAMETER TABLE - SMART MONEY RADAR

Parameter	Default	Description
AsianStartHour	0	Start hour of the Asian session (broker time). Default: midnight.
AsianEndHour	6	End hour of the Asian session (broker time). Default: 06:00.
MinFvgPips	1.5	Minimum threshold (in pips) to validate an FVG. Increase to reduce false signals on volatile assets.
MoltiplicatoreAsset	100	Pips conversion multiplier. Forex=10, Gold/Indices=100, Crypto=1000.
EnableAlerts	true	Enables MT5 pop-up alert when a new setup is detected.
EnablePush	true	Enables Push notifications to your phone (requires configuration in MT5).
EnableEALink	true	Transmits signal data to the Panel EA via GlobalVariables.
MostraHeatmap	true	Shows/hides Volume Profile zones on the chart.
CandeleVolume	300	Number of candles analyzed to build the Heatmap and POC.

7. PARAMETER TABLE - SMART MONEY PANEL EA

Parameter	Default	Description
MoltiplicatoreAsset	100	Must match the value set in the Radar.
InpLottiTP1	0.02	Volume (in lots) closed at TP1 (risk 1:1).
InpLottiTP2	0.01	Volume for TP2 (risk 1:2). Stays open after automatic BE.
InpLottiTP3	0.01	Volume for TP3 (risk 1:3). Benefits from Trailing Stop.
UsaTrailingStop	true	Enables the automatic price-tracking system on TP2 and TP3.
InpTrailingStart	15	Minimum profit in pips before activating Trailing Stop.
InpTrailingStep	15	Distance in pips the Trailing Stop trails price.
InpMagicNumber	888888	Magic number to identify EA orders. Change if running multiple EAs simultaneously.

8. FREQUENTLY ASKED QUESTIONS (FAQ)

Q: The Radar doesn't send Push notifications. What should I do?

A: Check MT5: Tools -> Options -> Notifications. You must enter your MetaQuotes ID (visible in the MQL5 app on your phone). Make sure EnablePush is set to *true*.

Q: The Panel EA doesn't receive data from the Radar (AUTO BUY/SELL doesn't work).

A: Both must be loaded on the **same symbol**. Verify that EnableEALink in the Radar is true. Check that GlobalVariables are active in MT5: Tools -> Global Variables.

Q: I'm getting too many false signals. How can I filter them?

A: Increase the MinFvgPips parameter for the FVG+OB filter. Consider trading only when the Institutional Score is >=2 or <=-2. Use H1 timeframe to reduce noise.

Q: Can I use the system on multiple charts at the same time?

A: Yes, but you must change the InpMagicNumber parameter in each Panel EA (e.g. 888001, 888002, ...) to avoid conflicts in position management.

Q: Trailing Stop activates too early and I get stopped out.

A: Increase InpTrailingStart to 25-30 pips. You can also raise InpTrailingStep to 20 pips to give the trade more breathing room. Optimal values depend on asset volatility.

Q: How do I configure the system for Forex?

A: Set MoltiplicatoreAsset=10 in both files. Lower MinFvgPips to 1.0-2.0. For lots, use InpLottiTP1=0.01 (micro lot) for controlled risk during testing.

Q: What does "Institutional Score" mean and how do I use it?

A: It's the algebraic sum of H4 trend (+-2) plus H1 trend (+-1) plus optional M15 structure breaks (+-1). A value of 3 means all timeframes are aligned bullish: the context favors BUY trades. Use it as a filter - **do not trade against the score**.

Q: Can I modify the TP levels?

A: TPs are calculated automatically as multiples of risk (1R, 2R, 3R). To change ratios, modify the tp1/tp2/tp3 lines in EseguiTriploTrade. For example, for TP at 1.5R and 2.5R: tp1 = entry + (risk * 1.5).

Q: My license file is rejected by the Radar/Panel EA. Why?

A: Three common reasons: (1) the file is not in MQL5/Files/; (2) the file name is wrong - it must be exactly smr_license.dat, NOT smr_license.txt; (3) the MT5 account number you're using doesn't match the one in the license. Run our SMR_Diagnostica.mq5 script to verify.

9. LEGAL DISCLAIMER

Smart Money Suite V2 PRO is a technical analysis tool designed for educational and professional use. The use of this software **does not guarantee profits** and involves significant risks.

- Trading financial instruments (Forex, CFDs, indices, commodities) carries a high level of risk and may not be suitable for all investors.
- **Past performance is not indicative of future results.** No automated trading system can guarantee consistent profits over time.
- Before using this software on a live account, it is strongly recommended to test it extensively on a demo account for at least **30 days**.
- The author (Marco Bisazza) **assumes no responsibility for financial losses** arising from the use of this tool.
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