



AUREUSALGO

HTF-LTF FVG PRO

SMART MONEY EA FOR XAUUSD

1 YEAR BACKTEST | **444 TRADES** | 100% REAL TICKS

Backtest Performance (XAUUSD M5)

HTF: H1 | LTF: M5



Profit Factor:

2.26



Max Drawdown:

9.65%



Sharpe Ratio:

4.37



Recovery Factor:

10.77



Total Trades:

444



Win Rate:

68.9%



PROP FIRM READY | STRESS-TESTED PERFORMANCE

Past performance is not indicative of future results.

WHY TRADERS CHOOSE THIS EA

- ✓ HTF + LTF Fair Value Gap (FVG) Precision Entries
- ✓ Liquidity Sweep + Rejection Confirmation
- ✓ Fully Automated Trade Execution & Management
- ✓ Prop Firm Ready Risk Protection System

Trade with Institutional Logic — Not Retail Guesswork

Stop chasing random entries.

Start trading with structured, rule-based precision aligned with institutional order flow.

Most traders lose not because of strategy — but because of poor timing and lack of confirmation.

This EA solves both.

1. Introduction

AureusAlgo HTF-LTF FVG Pro is a Smart Money trading system for XAUUSD (Gold), designed to capture high-probability entries using Fair Value Gaps (FVG), Liquidity Sweeps, and multi-timeframe market structure.

The system combines higher timeframe context, liquidity sweep confirmation, and precision lower timeframe entries to identify trading opportunities aligned with institutional order flow.

Unlike basic FVG systems, this EA incorporates liquidity sweep + rejection confirmation, helping filter low-quality setups and improve trade accuracy.

Flexibility is a core feature of this system.

Higher Timeframe (HTF) FVG confirmation, Liquidity Sweep + Rejection, and displacement-based filters are fully optional. Traders can choose to:

- Use full confirmation logic for higher-probability, filtered trades, or
- Trade directly on Lower Timeframe (LTF) FVG setups for more frequent opportunities

In addition, the EA includes **advanced imbalance and displacement filters** (such as ATR-based imbalance validation and strong displacement candle conditions) to further refine entry quality and reduce false signals.

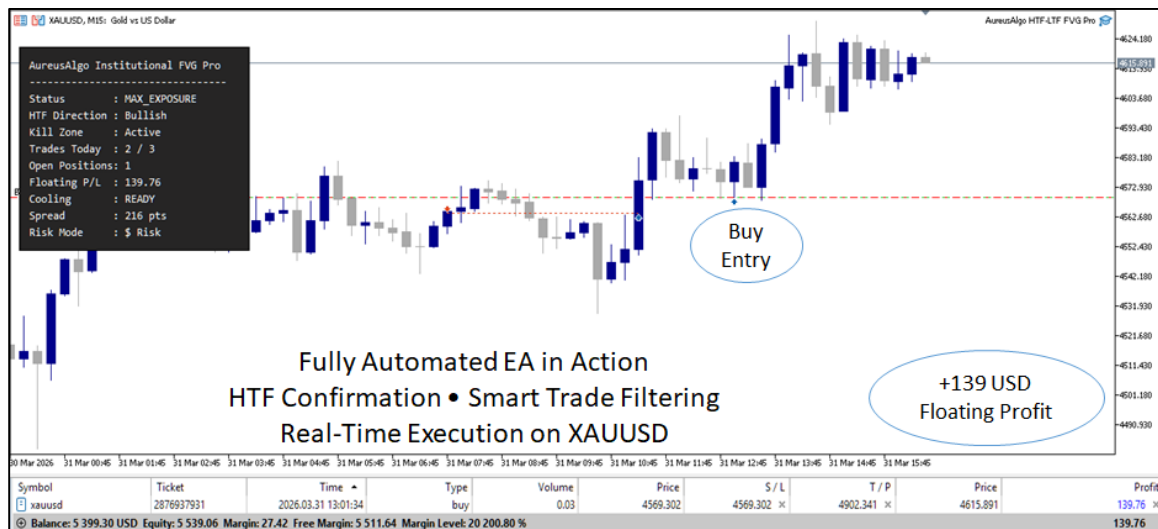
This allows the EA to adapt to different trading styles, from aggressive intraday execution to highly selective institutional-grade setups.

The EA fully automates the trading process, including:

- Market analysis
- Trade execution
- Risk management
- Trade management

Designed to capture institutional price movements with precision while maintaining strict risk control.

◆ EA Running on Live Chart



The EA includes a real-time on-chart panel that provides full visibility of trading conditions, execution status, and risk parameters.

2. Strategy Overview

AureusAlgo HTF-LTF FVG Pro is an institutional-style Smart Money Concept (SMC) Expert Advisor designed to trade price imbalances known as Fair Value Gaps (FVG) with precision and discipline.

The system combines three core elements:

- Higher Timeframe (HTF) directional bias
- Liquidity sweep + rejection confirmation
- Lower Timeframe (LTF) precision entry

This alignment ensures trades are executed in the direction of institutional order flow, significantly improving trade quality.

Unlike basic FVG systems, the EA does not trade blindly. It requires liquidity sweep and confirmation before entry, helping filter false breakouts and reduce low-quality setups.

Once a valid setup is identified, the EA automatically executes and manages trades using structured risk and trade management logic.

The edge of this system comes from timing — entering after liquidity events, not before them.

Flexible Strategy Mode

The EA is not limited to a single approach.

Users can choose between:

- Full HTF + LTF confirmation (high-probability mode)
- Pure FVG mode (scalping / aggressive trading)

This flexibility allows adaptation to different market conditions and trading styles.

◆ HTF Bias & Retest Confirmation

Below is how the EA identifies institutional bias using Higher Timeframe Fair Value Gaps (HTF FVG):

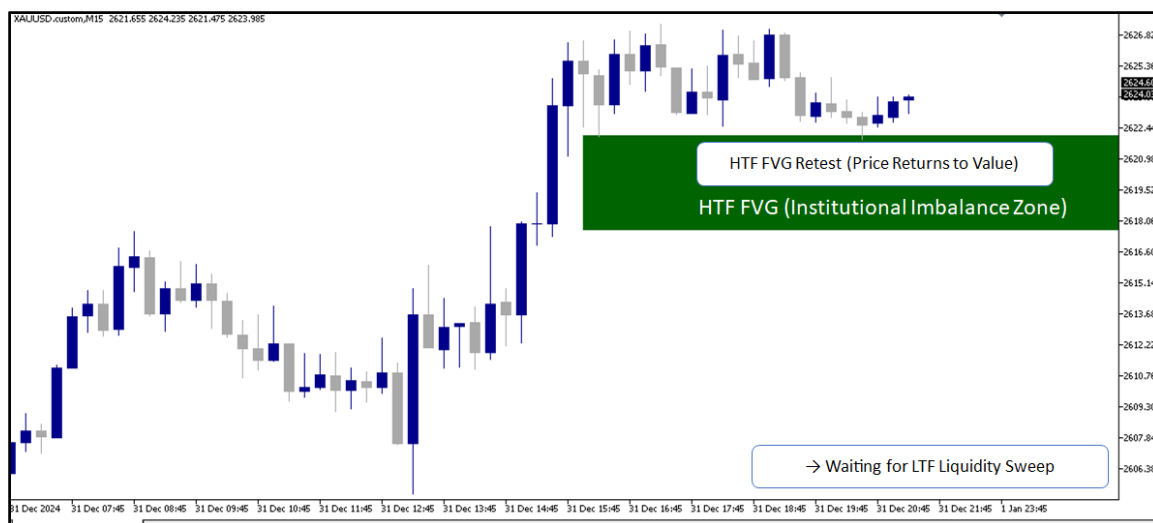


Image 1 — HTF Bias & Retest Confirmation (Institutional Context)

This chart illustrates how the EA identifies Higher Timeframe Fair Value Gaps and confirms institutional bias through retest before allowing trades.

3. What Makes This EA Different?

Unlike typical FVG-based trading systems, AureusAlgo HTF-LTF FVG Pro follows a structured institutional approach designed to filter low-quality setups and improve trade precision.

Most retail systems enter trades blindly based on simple imbalance detection. This often leads to false entries and inconsistent performance.

AureusAlgo HTF-LTF FVG Pro is built differently.

✓ Requires Liquidity Sweep Before Entry

Trades are executed only after liquidity has been taken, ensuring stop-hunts are completed before entry.

✓ Multi-Timeframe Confirmation (HTF + LTF Alignment)

Ensures trades follow institutional direction instead of short-term noise.

✓ Retest-Based Validation

Entries are triggered only after price revisits key imbalance zones, confirming active participation.

✓ Precision Entry Using FVG Zones

Limit-based entries inside FVG zones improve entry efficiency and reduce drawdown.

✓ Advanced Risk Protection Engine (Prop Firm Ready)

Built-in systems to control drawdown, lock profits, and prevent overtrading.

✓ Fully Automated Execution with Structured Logic

Removes emotional decision-making and ensures consistent rule-based trading.

This approach focuses on quality over quantity — aiming for fewer, higher-probability trades aligned with institutional market behavior.

4. Strategy Workflow

The EA follows a structured institutional trading process to identify and execute high-probability setups:

Step 1 — HTF Fair Value Gap (FVG) Detection

Identifies higher timeframe imbalance zones (H1 / H4 / D1) to determine directional bias.

Step 2 — HTF Retest Confirmation

Price revisits the FVG zone, confirming active institutional interest.

Step 3 — Liquidity Sweep

Price takes out recent highs or lows, clearing stop-loss liquidity before entry.

Step 4 — LTF FVG Formation

A new Lower Timeframe FVG forms, signaling continuation in the direction of bias.

Step 5 — Precision Entry

Trade is executed within the FVG zone using a limit entry with controlled stop loss.

◆ Precision Entry & Stop Loss

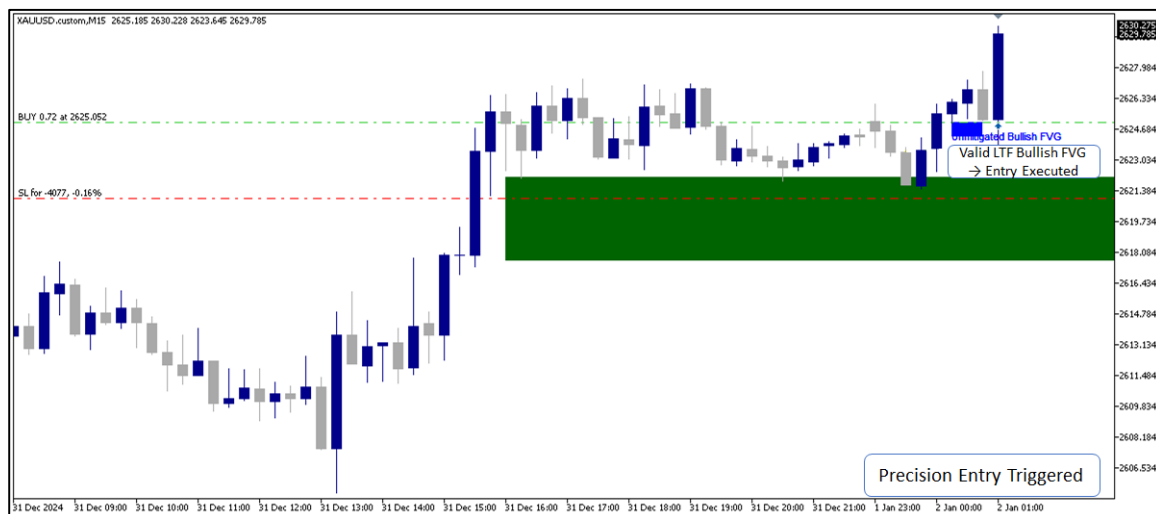


Image 2 — Precision Entry & Stop Loss Placement

Once liquidity sweep and confirmation occur, the EA executes a precise entry within the FVG zone with a structured stop loss below liquidity.

Step 6 — Automated Trade Management

The EA manages the trade automatically using:

- Breakeven protection
- Multi-level Take Profits (TP1 / TP2 / TP3)

◆ Automated Trade Management System

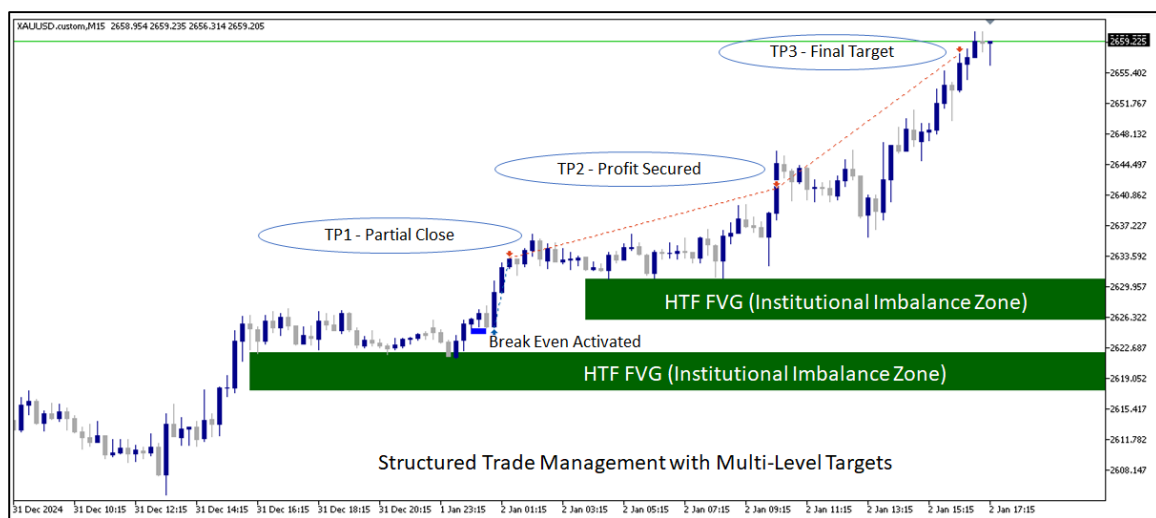


Image 3 — Trade Management (TP1 / TP2 / TP3 / Breakeven)

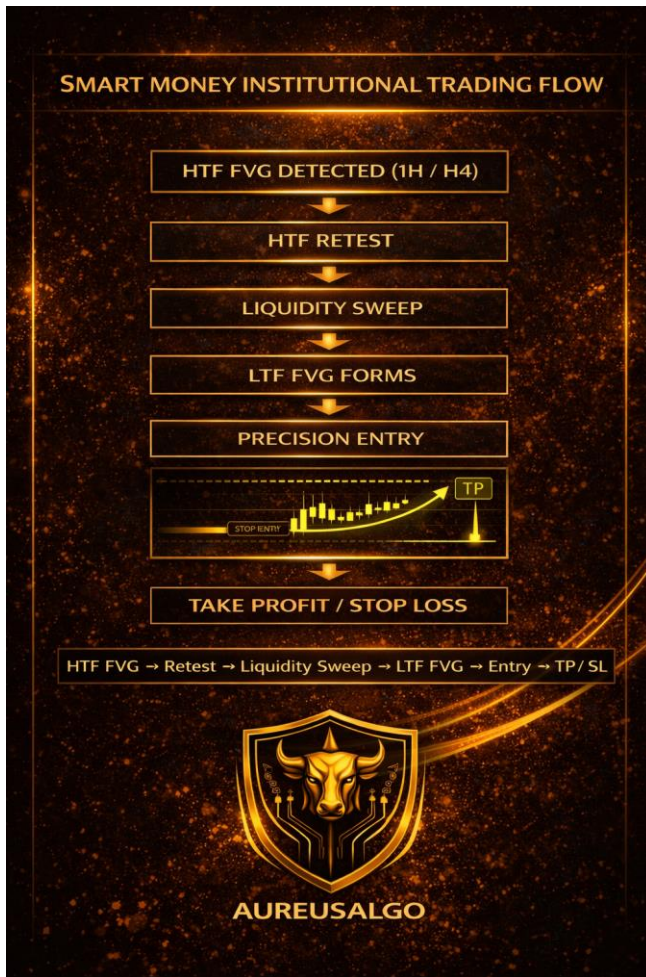
The EA manages trades automatically using breakeven protection and multiple take profit levels to secure profits while allowing positions to continue.

- Risk-based position sizing
- Safety filters and session controls

Workflow Summary:

◆ Strategy Flow Visualization

HTF FVG → Retest → Liquidity Sweep → LTF FVG → Entry → Trade Management



This diagram illustrates the complete institutional workflow — from higher timeframe bias to execution and trade management.

5. Advanced Risk Protection System (Prop Firm Ready)

AureusAlgo HTF-LTF FVG Pro is built with a multi-layered risk protection engine designed to safeguard capital, control drawdowns, and ensure disciplined trading.

Unlike typical EAs, this system prioritizes capital protection before profit generation, making it highly suitable for prop firm environments.

✓ Daily Drawdown Protection

Prevents account from exceeding daily loss limits.

- Supports % and fixed money limits
- Automatically blocks new trades
- Optional close-all trades on breach

✓ Floating Drawdown Protection

Monitors real-time equity to prevent deep losses.

- Reacts before stop loss is hit
- Reduces equity drawdowns
- Critical for volatile markets like XAUUSD

✓ Daily Profit Lock

Secures profits once target is reached.

- Stops trading after profit target
- Prevents overtrading
- Protects daily gains

✓ Smart Auto-Close System

Manages exposure based on time and conditions.

- Friday close (weekend risk protection)
- Maximum holding time control
- Prevents prolonged market exposure

✓ Execution Safety Filters

- Spread protection
- Stop level validation
- Freeze level checks
- Order validation logic

This protection system ensures:

- Controlled losses
- Secured profits
- Consistent risk exposure
- Compliance with prop firm rules

6. Trade Management System

AureusAlgo HTF-LTF FVG Pro uses a structured multi-stage trade management system designed to protect capital while maximizing profitable opportunities.

Once a trade is active, the EA automatically manages the position with precision and discipline.

✓ Breakeven Protection

Automatically removes risk once the trade reaches a defined profit level.

- Moves stop loss to entry (or slight profit)
- Eliminates downside risk
- Ensures capital protection

✓ Multi-Level Take Profit System

The EA uses a staged exit model to secure profits progressively:

- TP1 – Partial close to lock initial profit
- TP2 – Additional profit securing while trade continues
- TP3 – Final target to capture extended moves

This allows balancing risk reduction and profit maximization.

✓ Partial Position Management

- Closes portions of the trade at predefined levels
- Keeps remaining position active for larger moves
- Reduces emotional decision-making

✓ Dynamic Trade Handling

- Adjusts trade parameters automatically
- Manages positions based on market conditions
- Ensures consistent execution logic

This system ensures:

- Risk is reduced as trade progresses
- Profits are secured systematically
- Trades are managed without manual intervention
- Consistent and disciplined execution

7. Key Features

AureusAlgo HTF-LTF FVG Pro combines institutional trading logic with advanced automation and risk control.

◆ Strategy & Entry Logic

- Multi-Timeframe Fair Value Gap (FVG) Detection
- Liquidity Sweep + Rejection Confirmation
- Higher Timeframe Directional Bias Engine
- Precision Lower Timeframe Entries
- FVG Quality & Size Filtering

◆ Trade Execution & Control

- Limit Order Entry for Better Price Precision
- Smart Trade Limit System (Prevents Overtrading)
- Cooling Period Between Trades

- Automatic Pending Order Expiry

◆ Risk & Protection System

- Daily Drawdown Protection
- Floating Drawdown Protection
- Daily Profit Lock
- Spread Protection Filter
- Execution Safety Validation

◆ Trade Management

- Breakeven Protection
- Multi-Level Take Profit (TP1 / TP2 / TP3)
- Partial Close Logic
- Dynamic Trade Management
- Restart-Safe Execution

◆ Advanced Tools

- Risk-Based Position Sizing (Lot / % / Money)
- Kill Zone Trading Window
- News Filter Protection
- ATR-Based Imbalance Validation
- On-Chart Monitoring Panel

Designed to deliver structured, disciplined, and fully automated trading aligned with institutional market behavior.

8. Recommended Market, Timeframe & Setup

AureusAlgo HTF-LTF FVG Pro is designed to perform best in high-liquidity markets where institutional price movements create clear Fair Value Gaps.

◆ Supported Markets

- XAUUSD (Gold) — Recommended for best performance
- Major Forex pairs — EURUSD, GBPUSD, USDJPY, AUDUSD
- Indices — NASDAQ100, US30, S&P500 (broker dependent)

◆ Recommended Timeframes

- Entry Timeframe: M5 / M15
- Higher Timeframe Bias: H1 / H4

◆ Recommended Setup (Best Performance)

- Risk per trade: 0.5% – 1%
- Enable HTF confirmation
- Enable risk protection features
- Use limit entry mode
- Trade during London & New York sessions

◆ Broker Requirements

- Low spread (ECN / RAW preferred)
- Fast execution environment
- Stable MT5 connection

Lower spreads significantly improve trade efficiency and execution quality.

◆ Trading Conditions

- Gold (XAUUSD): Prefer spread below 20–30 points
- Forex pairs: Prefer spread below 15–20 points

The EA includes spread protection to avoid poor trading conditions.

This setup ensures optimal performance, controlled risk, and consistent execution.

9. Installation

1. Copy EA to MQL5 → Experts
2. Restart MetaTrader 5
3. Attach to XAUUSD M15 chart
4. Enable AutoTrading
5. Configure inputs as needed

10. Who This EA Is For

AureusAlgo HTF-LTF FVG Pro is designed for traders who value structure, discipline, and risk-controlled execution.

This EA is ideal for:

- ✓ Traders seeking a rule-based, systematic trading approach
- ✓ Prop firm traders requiring strict drawdown and risk control
- ✓ Traders who prefer high risk-to-reward setups over high win-rate strategies
- ✓ Traders who want to eliminate emotional decision-making
- ✓ Traders looking for automated execution with institutional logic

This EA may NOT be suitable for:

- ✗ Traders expecting high-frequency scalping or constant trade activity
- ✗ Traders relying on manual intervention or discretionary entries
- ✗ Traders seeking “quick profit” systems without risk management discipline

This system is built for consistency and long-term performance — not short-term speculation.

If you are looking for structured, disciplined, and institutional-style trading, this EA is built for you.

11. Backtest & Performance



✓ Strategy Insight:

This is a risk-reward optimized system — lower win rate but higher profitability per trade.

✓ Important:

Results may vary depending on broker, spread, and execution conditions.

Backtest Period: 1 Year (XAUUSD M5 - HTF:H1 |LTF:M5)

Modeling Quality: 100% Real Ticks

Total Trades: 444

✓ Net Profit: \$44365.59

✓ Profit Factor: 2.26

✓ Max Drawdown: 9.65%

✓ Recovery Factor: 10.77

✓ Sharpe Ratio: 4.37

AureusAlgo HTF-LTF FVG Pro | Product Description | v1.00

✓ Win Rate: 68.92% (Risk-Reward Optimized Strategy)

Note: Backtest results are based on historical data and may vary depending on market conditions, broker spreads, and execution quality.

12. VPS Recommendation

For optimal performance, it is recommended to run the EA on a VPS.

- Ensures 24/7 uninterrupted operation
- Reduces latency and slippage
- Improves execution reliability

A VPS located close to your broker's server is preferred.

13. Disclaimer

Trading financial markets involves a high level of risk and may not be suitable for all investors.

AureusAlgo HTF-LTF FVG Pro is a rule-based trading system designed to automate a structured strategy. However, it does not guarantee profits, and losses are a normal part of trading.

Past performance does not guarantee future results.

Users are strongly advised to test the EA on a demo account before using it on a live account and to apply proper risk management at all times.

14. Final Note

AureusAlgo HTF-LTF FVG Pro is designed for traders who value:

- Discipline over emotion
- Structure over randomness
- Risk control over aggressive exposure
- Long-term consistency over short-term gains

This system is built to eliminate guesswork and enforce a professional, rule-based trading approach aligned with institutional market behavior.

It is not designed to trade frequently — it is designed to trade with precision.

Start with recommended settings, test thoroughly, and allow the system to operate as intended.

Consistency comes from discipline — and this system is built to deliver exactly that.

This EA is not built to trade more — it is built to trade better.

This EA comes with a complete documentation package:

- User Manual – Easy setup and usage guide
- Input Guide – Full control over advanced parameters

Whether you are a beginner or advanced trader, you have everything needed to configure the system properly.

AureusAlgo HTF-LTF FVG Pro

Smart Money Fair Value Gap Expert Advisor for MetaTrader 5

Version: 1.00

Platform: MetaTrader 5

Developer: AureusAlgo

Release Year: 2026

Thank you

Thank you for choosing AureusAlgo HTF-LTF FVG Pro.

Your trust means a lot. This system has been carefully designed to deliver precision, consistency, and strong risk management aligned with professional trading standards.

Trade smart, stay disciplined, and we wish you success on your journey to profitability.
