



Axis 7even MT4 Testing & Validation

Portfolio-test architecture and cross-platform implementation evidence.

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SCOPE

This document explains why the complete Axis portfolio is not represented by a conventional MT4 Strategy Tester headline report and summarizes the validation chain used for the MT4 Focused and Core editions.

01

Why a normal MT4 Strategy Tester report cannot represent the complete portfolio

Axis 7even Focused and Axis 7even Core are multi-market portfolio EAs. Their result is not the sum of unrelated symbol tests. A trade on one market changes shared account balance, available margin, open-position state and portfolio protection state that can affect the next opportunity on another market.

The standard MT4 Strategy Tester is built around one tested symbol as the active test context. Testing USDJPY, XAUUSD and WTI separately and adding the profits would ignore chronology, simultaneous positions, shared compounding, portfolio health and cross-market margin interaction. VELTIS therefore does not create a portfolio performance claim by summing standalone MT4 symbol-test profits.

02

Why MT5 is used for published portfolio backtests

MT5 can synchronize the required portfolio markets inside one Strategy Tester account and supports Every tick based on real ticks. It is therefore used for the official multi-market historical portfolio reports. The reference commercial methodology uses BlackBull data, EUR 10,000 initial deposit, 1:100 leverage and STANDARD 1.00x risk unless a specific report states otherwise.

03

Cross-platform validation architecture

The MT4 implementation was validated in layers, with each layer isolating a different technical question.

Layer	Question	Result
Source / configuration parity	Do corresponding strategy and shared portfolio components implement the same intended logic and defaults?	PASS – Focused and Core
Controlled decision parity	With equivalent market inputs, do MT4 and MT5 produce the same trade-affecting candidates and JPY cross-filter decisions?	PASS – 360/360 Focused; 468/468 Core
Synchronized portfolio replay	Does the chronological portfolio layer select the same entries and calculate the same risk and volume?	PASS – 134/134 Focused; 200/200 Core

3.1 Source and configuration parity

The commercial MT4 and MT5 implementations were audited at the strategy-decision level and across shared portfolio/health components. The corrected audit passed for Focused and Core. The purpose of this layer is to detect translation or default-configuration drift before evaluating market-data or execution differences.

3.2 Controlled common-input decision parity

A controlled historical input stream was used so both platform implementations evaluated equivalent H1 market information. This isolates strategy translation from differences in broker history databases. Every valid trade

candidate in the effective validation window was compared by market, engine, direction and trade-affecting parameters.

Focused	Core	Focused JPY filter	Core JPY filter
360 / 360 trade candidates exact	468 / 468 trade candidates exact	51 / 51 rows exact	101 / 101 rows exact

One WTI ATR diagnostic value differed numerically in the validation logs, but it was not trade-affecting for that structural-stop trade. The candidate, direction, target and actual stop decision remained matched. The final verdict therefore remained trade-affecting parity PASS.

3.3 Synchronized portfolio replay

Signal parity alone is not sufficient for a portfolio EA. Accepted entries were replayed chronologically through cross-filtering, individual health state, existing-position rules, H1 basket state, shared balance, percentage risk sizing and broker-step volume rounding.

Edition	MT4 replay entries	MT5 accepted entries	Missing / extra	Risk / volume	Realized profit comparison
Focused	134	134	0 / 0	134 / 134 exact	€35,649.51 vs €35,649.51 – €0.00 difference
Axis 7even	200	200	0 / 0	200 / 200 exact	€62,657.47 vs €62,657.47 – €0.00 difference

Terminal-open positions also matched in both editions. The synchronized evidence establishes that the cross-platform implementation selected the same canonical portfolio entries and calculated the same risk money and broker-step volume for every accepted entry in the validation set.

04 What the completed validation establishes

- The MT4 and MT5 editions implement the same intended strategy and portfolio decision architecture.
- Equivalent market inputs produced equivalent trade-affecting decisions in the controlled validation set.
- The synchronized portfolio replay produced the same accepted entry selection, risk amounts, volumes and realized portfolio result.
- Official multi-market portfolio performance can therefore be reported from the MT5 tester while MT4 is supported by a separate cross-platform implementation-validation chain.

05 What can still differ in live trading

MT4 and MT5 can receive different broker candles, spreads, contract specifications, margin conditions and fills. A live MT4 trade can therefore differ from a live MT5 trade even when both EAs are functioning correctly. Cross-platform validation establishes equivalent decisions for equivalent inputs; it does not require two different platform feeds or execution paths to be identical.

06

1 Jan to 26 Aug 2026 MT5 broker robustness context

BlackBull remains the reference publication environment, but the same-period MT5 portfolio runs also provide cross-broker robustness evidence. The four-broker table below uses only 99–100% real-tick reports. Exact broker results are not expected to match because native H1 bars, spreads, contract specifications, margin rules and fills differ.

Product	Broker	History	Net profit	Equity DD	PF	Sharpe	Trades
Focused	BlackBull	100% real ticks	€36,490.72	17.18%	1.73	5.03	134
Focused	Pepperstone	99% real ticks	€43,843.32	20.45%	1.92	5.50	132
Focused	IC Markets	99% real ticks	€38,920.76	18.96%	1.82	5.01	137
Focused	FxPro	99% real ticks	€38,045.31	19.16%	1.80	5.41	135
Core	BlackBull	100% real ticks	€64,005.91	17.83%	1.72	5.55	200
Core	Pepperstone	100% real ticks	€55,108.59	23.48%	1.82	5.35	205
Core	IC Markets	99% real ticks	€55,988.63	19.40%	1.78	5.11	204
Core	FxPro	99% real ticks	€58,309.79	19.35%	1.74	5.49	208

LONG-WINDOW PUBLICATION RULE

For 2024-01-01 to 2026-08-26 continuous compounding, only BlackBull and Pepperstone are used for Focused/Core broker comparison. IC Markets EU lacks sufficient older H1 history; FxPro reports only 24% real-tick quality for that long window. This broker robustness analysis is separate from MT4/MT5 parity, which tests implementation equivalence under equivalent inputs.

VALIDATION STATUS

Source/configuration parity, controlled decision parity and synchronized portfolio replay are complete and PASS for Focused and Core. Together, these layers establish implementation equivalence for the validated strategy and synchronized portfolio decision process under equivalent inputs.

07

Risk disclosure

RISK DISCLOSURE

Historical backtests and technical validation show historical behaviour and implementation consistency; they do not guarantee future performance. Live results can differ because of market data, spreads, slippage, broker execution, symbol specifications, leverage, margin conditions, account settings and future market regimes. The 30% drawdown level is a shutdown trigger, not a guaranteed maximum loss.