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What is MetaTrader 5? Backtesting, Hedging, and Netting in MT5

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 5 Min

MetaTrader 5 (MT5) is an advanced trading platform developed by the Russian company **MetaQuotes** in 2010.

It was introduced as an upgraded version of MetaTrader 4, aiming to address the limitations of the earlier version.



What is MetaTrader 5

Symbol	Open	High	Low	Close	%
USDCHF	0.84760	0.84799	0.84760	0.84760	-0.54%
USDJPY	144.336	144.444	144.336	144.336	-1.34%
USDCNH	7.11487	7.11831	7.11487	7.11487	-0.44%
AUDUSD	0.67951	0.67982	0.67951	0.67951	1.33%
NZDUSD	0.62327	0.62347	0.62327	0.62327	1.49%
USDCAD	1.35080	1.35110	1.35080	1.35080	-0.77%

MetaTrader 5

A complete review of MetaTrader 5

MetaTrader 5 provides users advanced tools such as **technical indicators, an integrated economic calendar, algorithmic trading capabilities, and backtesting.**

Key Features of MetaTrader 5

Below is a brief explanation of [MetaTrader 5's](#) most practical features:

Automated Trading with Advanced Algorithms

MetaTrader 5 enables **automated trading** using algorithms designed in the **MQL5 programming language.**

This feature allows users to create **custom trading robots and indicators.** You can find [TradingFinder's indicators on the MQL website](#) as well.

Diverse Analytical Tools

The platform offers **38 technical indicators** and **44 charting tools**, including **Bollinger Bands, Moving Averages, channels**, and other tools.

Traders also have the option to add custom **MetaTrader 5 indicators** allowing them to perform in-depth technical analysis using Third-party tools.

Multi-threaded Backtesting

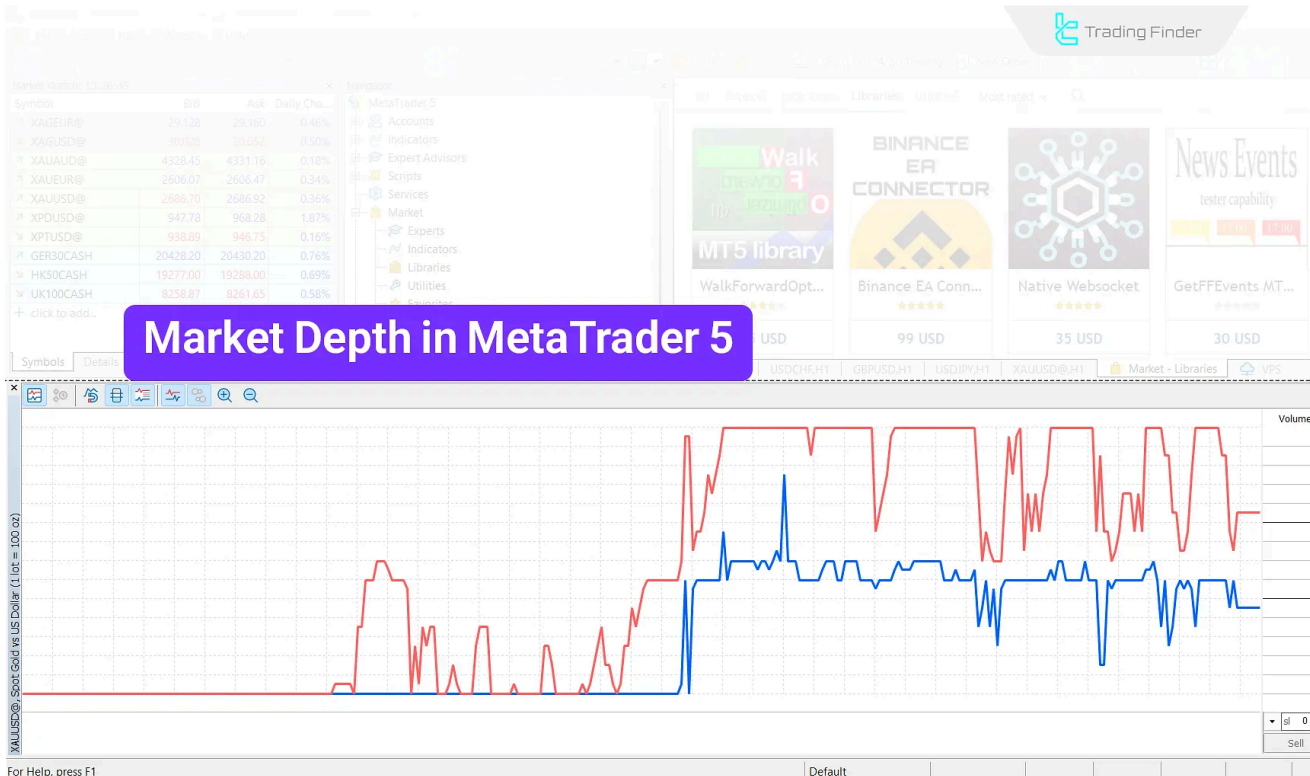
The platform allows users to test **trading strategies** in a multi-threaded environment by using historical data.

The screenshot displays the MetaTrader 5 Trading Finder interface. On the left, a table lists various trading strategies with columns for Name, Buy, Sell, and Profit. The strategies include XAUUSD@, XAUUSD@, XAUUSD@, XPDUSD@, XPTUSD@, GER30CASH, HK30CASH, and UK100CASH. A blue banner across the middle of the interface reads "Backtesting and Automated Trading in MetaTrader 5". Below this banner, a panel shows the account balance: "Balance: 12.56 USD Profit: 0.00 Equity: 12.56 Free Margin: 12.56". At the bottom, a row of icons represents different trading tools: Single, Indicator, Visualize, Stress & Delays, Complete optimization, Genetic optimization, Forward optimization, Market scanner, Math calculations, and View previous results. The interface also shows a "Market - Libraries" section with various trading tools like "WalkForwardOpt...", "Binance EA Conn...", "Native Websocket", and "GetFFEvents MT...".

The Multi-thread backtesting and automated trading in MetaTrader 5

Market Depth Support

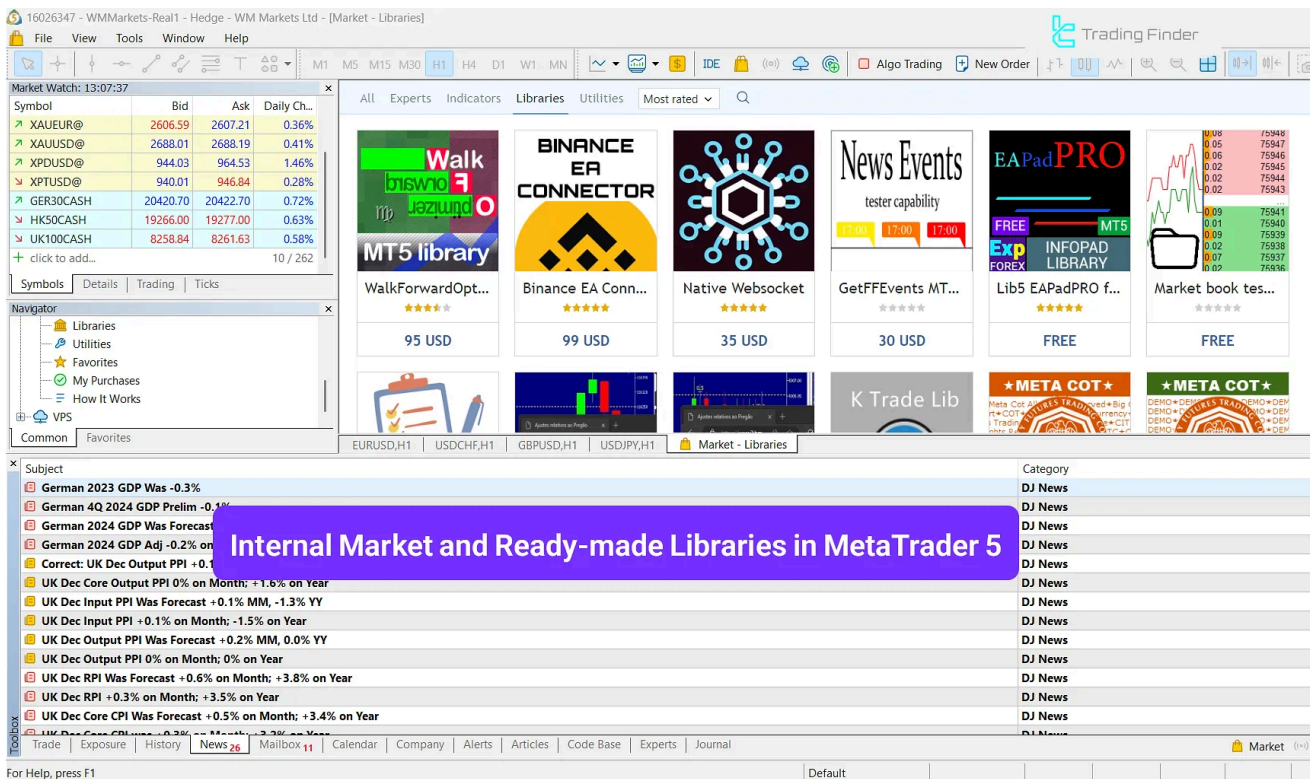
This feature provides access to detailed trading volume data and market dynamics.



The "Market Depth" window in MetaTrader 5 displays the trading volume of all financial markets

Internal Market and Ready-made Tool Library

Users can purchase or **download ready-made tools and various indicators** through the internal market.



MetaTrader 5 internal market and ready-made libraries

Detailed Performance Reports

The platform provides performance analysis for trades, including **win rates, average profit, and loss.**

Order Types

MetaTrader 5 supports various market order types and pending orders, including:

- ⚡ Buy Limit
- ⚡ Sell Limit
- ⚡ Buy Stop
- ⚡ Sell Stop
- ⚡ Buy Stop Limit
- ⚡ Sell Stop Limit
- ⚡ Trailing Stop

The screenshot displays the MetaTrader 5 trading interface. The central focus is the 'Order' window for XAUUSD@ (Spot Gold vs US Dollar). The order type is set to 'Buy Limit' with a price of 2687.03 and a volume of 0.01. The window also shows fields for Stop Loss (0.00), Take Profit (0.00), and Expiration date (15.01.25 14:39). A blue banner at the bottom of the screenshot reads 'Order Placement Window in MetaTrader 5'. The background includes a Market Watch table, a Navigator panel, and a News window.

Symbol	Bid	Ask	Daily Ch...
XAUUSD@	2605.54	2606.16	0.32%
XAUUSD@	2687.03	2687.33	0.37%
XPDUSD@	943.79	964.29	1.44%
XPTUSD@	939.52	946.48	0.23%
GER30CASH	20422.70	20424.70	0.73%
HK50CASH	19274.00	19285.00	0.67%
UK100CASH	8257.37	8260.15	0.56%

MT5 supports various order types such as Buy limit, Sell limit, trailing stop, etc.

Take Profit and Stop Loss

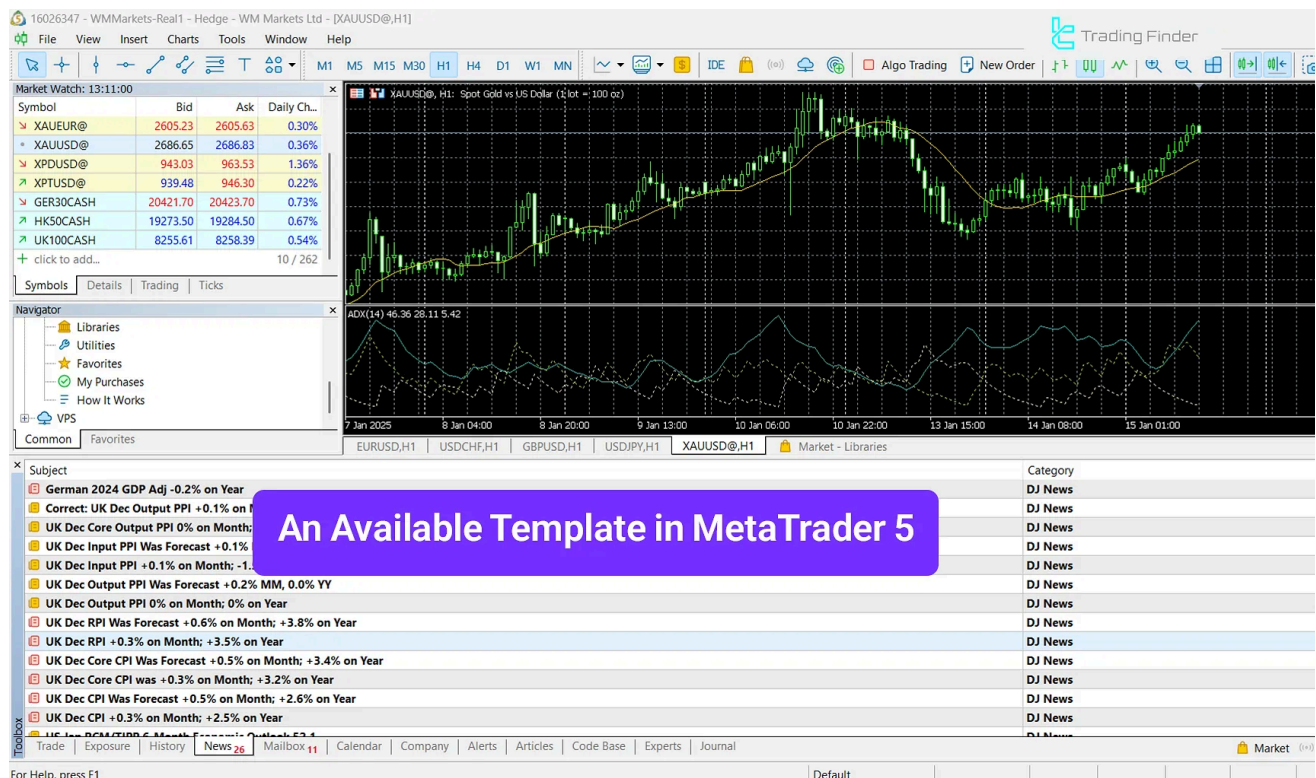
These tools allow traders to **automatically** close trades when a profit or loss threshold is reached.

Hedging and Netting Systems

These systems enable users to either open multiple positions **simultaneously** or **consolidate** all open positions seamlessly.

Templates

MT5 provides templates for simplifying and optimizing analysis. Templates include configurations such as **indicators, chart colors, trend lines**, and other analytical tools that can be saved and applied to new charts.



Traders can use MT5 templates to apply their preferred settings on various charts

Copy Trading

A highly appealing feature that enables traders to replicate trades executed by other professional traders.

- 📌 Favorites
- 🧩 Add widget
- 📄 Rules
- 🔍 Filter

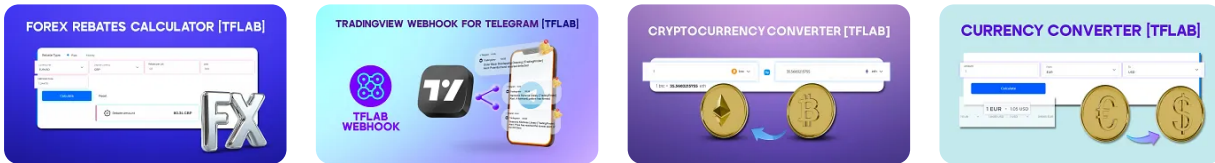


Revised MetaTrader 5 Web Terminal
Trade with no restrictions from any mobile device, OS and web browser

Provider Name	Rating	Profitability	Reliability	Algo trading	Copy Fee
Piotr Drozdek (GoldenBug)	3.33 (4)	560%	99%	20	30 USD per month
Konstantin Orlov (AgressivS1)	3.33 (4)	505%	96%	0	30 USD per month
Rinaldo Adi Sarosa (BS MT5)	2.55 (22)	493%	100%	1	30 USD per month
Maksym Hie (American whales)	4.0 (5)	-	-	-	100 USD
Ashar Julia Mijaya (AF Expert)	3.88 (30)	36 062%	-	-	-
Victor Gomez Sanchez (Deux ex machina)	2.38 (15)	4 953%	-	-	-
Sarowar Jahan (Peace)	3.53 (39)	2 142%	-	-	-
Eta Nakajin (GetLambo)	4.0 (5)	-	-	-	-

The signal providers' ranking and profitability in MetaTrader 5

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Advantages and Disadvantages of MetaTrader 5

Despite the advancements of MetaTrader 5 compared to [MetaTrader 4](#), this platform still faces challenges. **MT5 pros and cons:**

Advantages	Disadvantages
Modern and flexible design	Complex interface for beginner traders

High security	Higher minimum system requirements compared to MT4
Support for diverse markets	Incompatibility with MetaTrader 4
MQL5 programming language and custom robot development	-
High speed and reliable performance	-
Integrated economic calendar	-
Multi-threaded and precise backtesting	-

Conclusion

MetaTrader 5 (MT5) provides advanced **algorithmic trading, extensive analytical tools** (38 built-in indicators), and **multi-threaded backtesting**.

The platform allows trading in various markets, including Forex, stocks, commodities, indices, and futures contracts using custom **trading robots** and **tools**.

FAQs

What are the differences between MetaTrader 5 and MetaTrader 4? ∨

MetaTrader 5 offers more advanced features than MetaTrader 4, including enhanced analytical tools, the MQL5 programming language, multi-threaded backtesting, and automated trading. ∨

Is MetaTrader 5 suitable for beginners?

MetaTrader 5 has a sophisticated interface for professional traders, which may seem complex to beginners.

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Key Features of MetaTrader 5



Advantages and Disadvantages of MetaTrader 5



Conclusion

How can automated trading be performed in MetaTrader 5?



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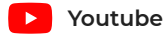
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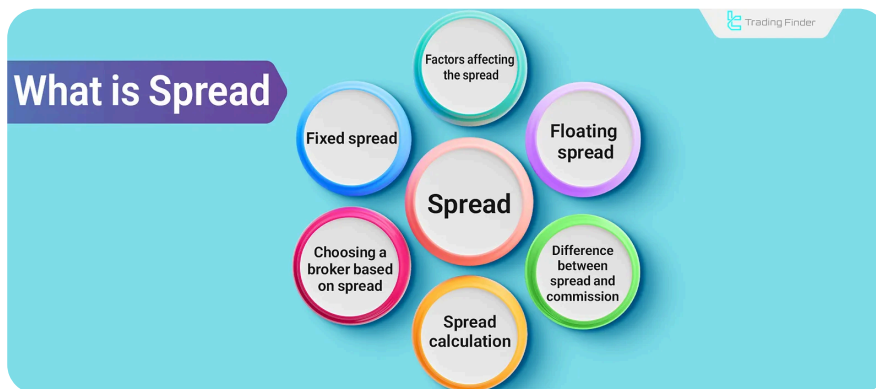
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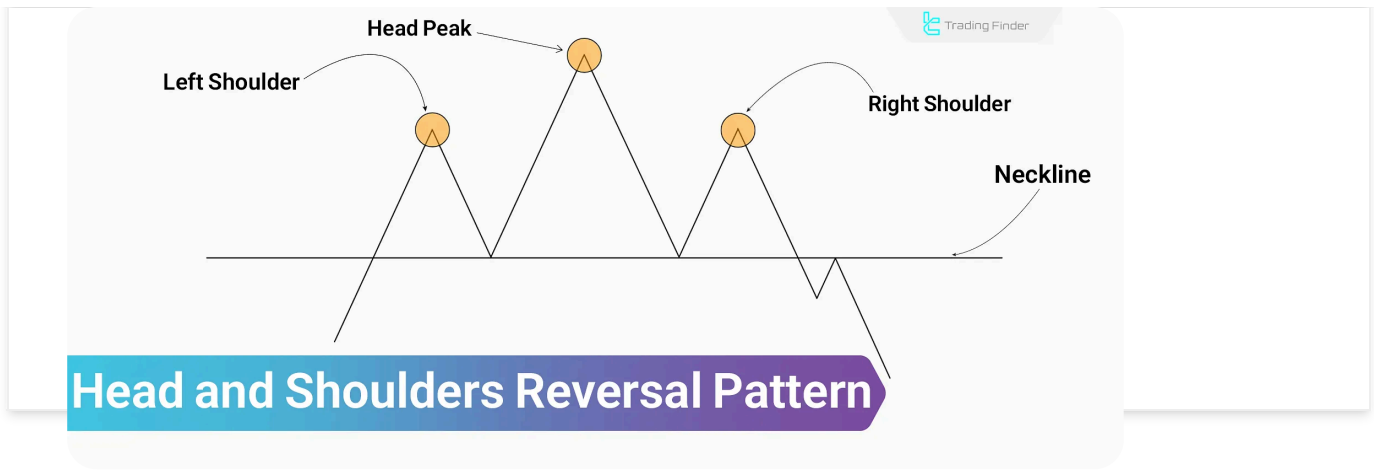
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