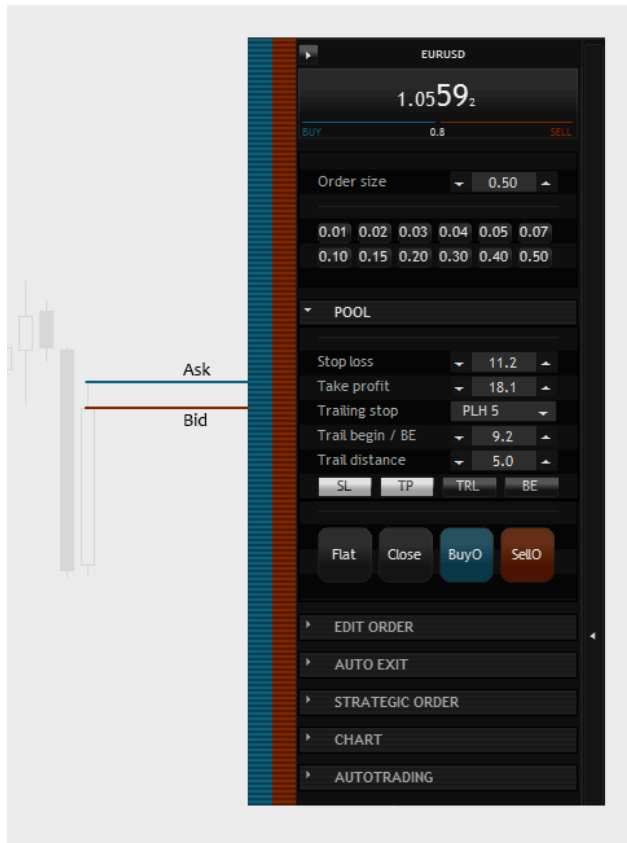# STEREOTRADER MT

Professional trading front end for MetaTrader

Unique Features

1. **Four different trading modes** are provided. Traders choose between accounting in either *Stereo Future Mode* (like Ninjatrader, MT5 etc.), *Stereo Hedge Mode* (StereoTrader exclusive), *Single Hedge Mode* (MT4 standard) and *Single Net Mode* (various platforms).

2. **Isolated Strategies** feature allows for trading of multiple strategies within one instrument and one account at the same time within multiple charts, whereby each chart shows only those orders and statistics which belong to the underlying strategy. This eliminates the need for multiple installations of MetaTrader as well as the usage of multiple sub accounts.

3. **History Trading** provides the ability to evaluate trades and strategies using historical data. This feature is also perfect to increase the learning process dramatically, it´s perfect for webinars, seminars, to test the reliability of indicators or just to get used to all the built in features of StereoTrader.

4. **True One-Click-Speed-Trading** for more than 30 different trading commands allows for trading with highest visual precision at a maximum of speed.

5. **Strategic Orders** are able to minimize the risk by up to 50% without cutting the gained profit. Such orders in combination with integrated filters may also be used for full automated trading without the need for programming.

6. **StereoMQL automation** enables for very quick and efficient programming of strategies for custom trailing stops, filters or fully automated and complex strategies.

7. **Realtime Estimator** allows for instant backtesting of strategies created with StereoMQL. Trades are visualized in the chart, results become updated as soon as the user changes any setting at the panel.

8. **Advanced order types** such as MIT (market if touched) orders for synthetic stop loss, take profit and all kinds of pending orders. Intelligent orders such as *Limit-Pullback*, *Market-Trail* or dynamic trailing orders provide a proven clear edge in comparision to any other platform.

9. **Floating design principe** never interrupts the trading process by message-boxes or popups which cover the chart. Dock- and stackable panels (horizontal and vertical) help to stay organized. Perfectly designed color-, size & shapeschemes support different tastes. A fully scaleable vector graphics engine, developed from the scratch, supports UHD displays and respects the process priority of any trading computations. Besides this, many indications which are useful in daytrading are already integrated and available at one single click.

Created by traders for traders

Users agree unanimously: "The combination of StereoTrader MT4 and MetaTrader4 suits the needs of most traders like no other platform does and beats any other available product in view of flexibility, celerity, efficiency, clarity, stress-reduction and last but not least:
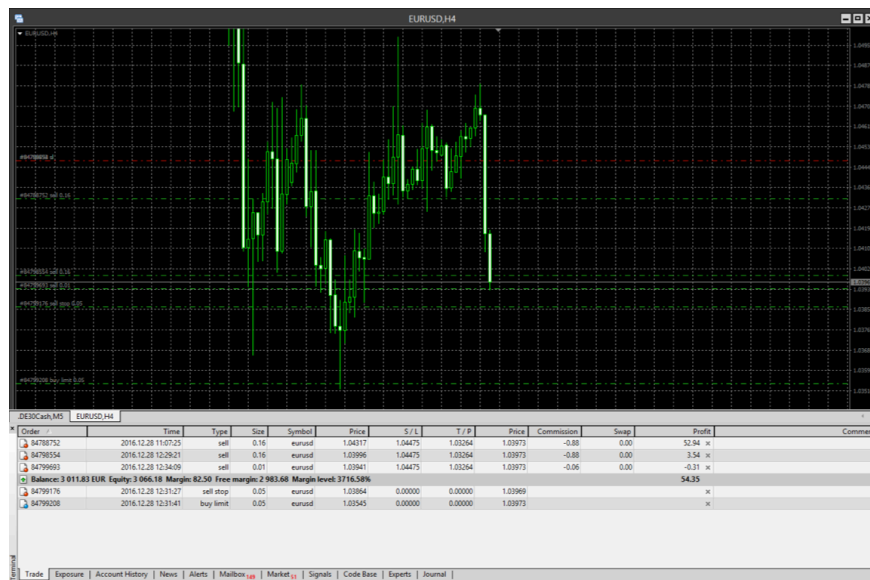
Maximal success!"

Virtualization – a huge Difference

The left side shows the plain MetaTrader4, the right side shows it with StereoTrader MT4 loaded. Orders and positions are the same in both charts. How long would it take to examine break even, the P/L, CRR or at least to figure out what is currently traded? Compare.

The right chart shows a successful long trade at a total P/L of currently 91.02 USD with a total size of 0.33 lots (originally build with 3 different sell orders). The red dotted line shows the break even of all sell positions at 1.0415, a clear take profit with a potential maximum reward of 280.27 USD (blue line), a buy order for particular take profit above the TP (blue dash-dotted line), a sell stop order (red dash dotted line), a clear stop loss (red line) at a risk of 102.81 USD and a trail stop which starts 48 points below the break even (red dotted with cube).

To take the current profit of 61.02 USD, it takes one second. To move the SL of all particular positions: One second. To move all TPs: One second. To activate all trails: The answer is always the same.

Intuitive Order Management

Placing and managing orders could not be easier, faster and more precise. In single order modes, any new order uses the settings of the order panel as default. Very similar to what the most platforms do.

In the virtual modes, every single order gets added to the pool. As soon as an order is filled, the whole order pool is managed by the settings of the panel. All positions within this pool are represented by an average: One average in Stereo Future mode and two averages, one for each direction, in Stereo Hedge mode. In other words, with StereoTrader MT4, the user never manages more than two virtual positions which represent all filled orders in the pool. The rest is done completely automatic.

As the order panel shows, all functions such as activating SL, TP, trail stop or break even stop are available by one single click. Same for the buttons on the bottom: One click on „Flat" closes all positions and removes all orders immediately, while „Buys" or „Sell" closes all positions of the corresponding direction, and „BuyO" as well as „SellO" cancels orders.

Besides this, the trader is always informed about that what he or she really needs to know. The pool statistic not only shows the current Pool- & Trade-P/L. It displays also the distribution of short and long positions by a gauge, shows current (accumulated) CRR, position volumes and break-even points. Corresponding to all this text information, the unambiguously visualization of orders in the chart speak for themselves and provide a perfect position overview at a single glance.

Besides this, trade- and session statistics help to keep the current growth or reduction of positions, holistic trade-processes or customizable sessions periods under control.

The Strip

Placing pending orders or opening market orders could not be done easier and more intuitive.

Opening a market order is done by a single click onto the price display, left side for long, right side for short. The spread is always displayed below the price and warns with another color, when the spread goes above a definable threshold. Holding down the Control-key while clicking forces a parallel closing of any opposite positions.

Placing a limit order for a long position is done by clicking and dragging below the price line in the buy section, for a limit short order above within the sell area.

Placing a stop order for a long position is done by clicking and dragging above the price line, for short below.

Everything without typing any numbers. Pure visual and intuitive trading at highest possible precision.
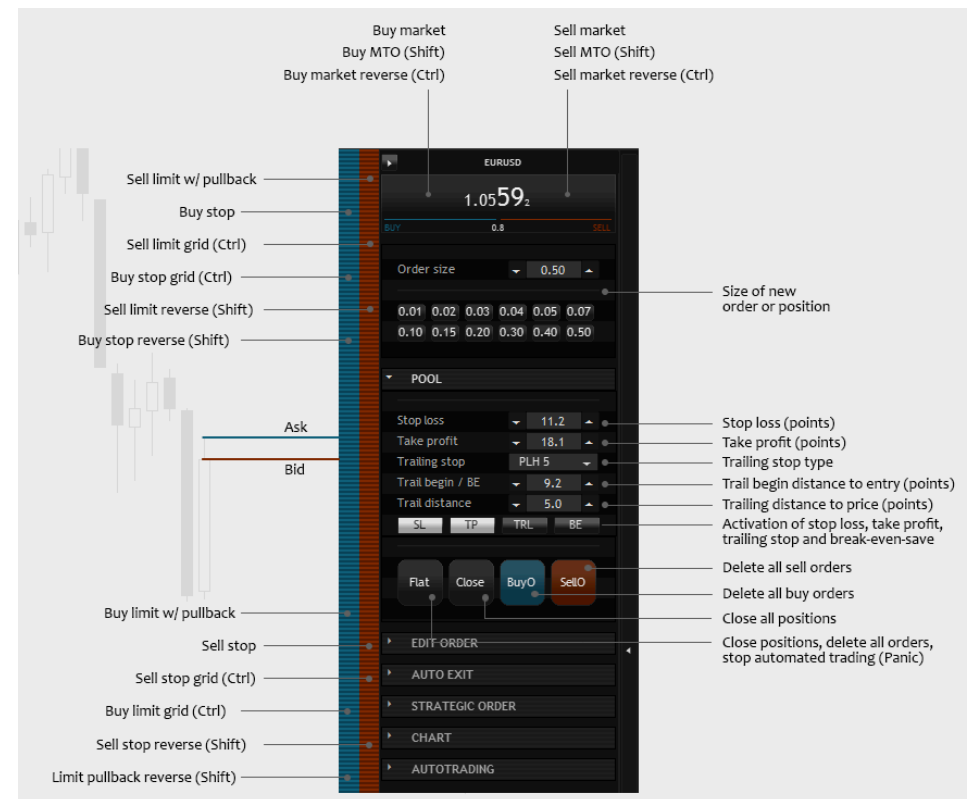
Deleting an existing order or **closing a position** is done by Ctrl-click onto the order or position.

Besides normal ordering, StereoTrader provides intelligent **Chained Order Grids** within a specific distance and an optional progression respectively for stop- and limit-orders. Such a series, e. g. for a set of limit buy orders can be placed by one Ctrl-click below the price line. Due to chaining, such a grid is never filled at once.

One additional word: It may sound simple, but as one can see, orders are placed visually always there, where the price is.

And the floating-design-principe guarantees a trading process without any interruptions by message boxes or any other windows which cover the chart or prevent the trader from trading in any way.

Small design features like these contribute to a better focusing on the trading process itself and lower the stress level.

Buy market
Buy MTO (Shift)
Buy market reverse (Ctrl)

Sell market
Sell MTO (Shift)
Sell market reverse (Ctrl)

Sell limit w/ pullback
Buy stop
Sell limit grid (Ctrl)
Buy stop grid (Ctrl)
Sell limit reverse (Shift)
Buy stop reverse (Shift)

Ask
Bid

Buy limit w/ pullback
Sell stop
Sell stop grid (Ctrl)
Buy limit grid (Ctrl)
Sell stop reverse (Shift)
Limit pullback reverse (Shift)

EURUSD
1.05 59₂
BUY   0.8   SELL

Order size   0.50

0.01 0.02 0.03 0.04 0.05 0.07
0.10 0.15 0.20 0.30 0.40 0.50

POOL

Stop loss   11.2
Take profit   18.1
Trailing stop   PLH 5
Trail begin / BE   9.2
Trail distance   5.0
SL   TP   TRL   BE

Flat   Close   BuyO   SellO

EDIT-ORDER
AUTO EXIT
STRATEGIC ORDER
CHART
AUTOTRADING

Size of new
order or position

Stop loss (points)
Take profit (points)
Trailing stop type
Trail begin distance to entry (points)
Trailing distance to price (points)
Activation of stop loss, take profit,
trailing stop and break-even-save

Delete all sell orders
Delete all buy orders
Close all positions
Close positions, delete all orders,
stop automated trading (Panic)

Celerity and Precision

One of the strongest characteristics of StereoTrader is surely its design.

StereoTrader always provides full visual control of any trade parameters, such as a real Trade P/L including all closings and addings of particular positions or a daytrading statisic which provides gain, drawdown, success rate or profit factor in realtime – just to mention a few.

The panels support daytrading at maximum trading speed. More than 25 trade commands are available at just one single click.

Furthermore, indications that every trader uses may be added to a chart without any drawing actions. These are for exampe intraday high/low, previous day high/low, intraday fibonacci lines, pivot points or symbol specific levels for open/close, highlighted timezones etc. Hereby, another highlight of StereoTrader are the so called "Money lines". Based on historical data, this indicaton calculates support and resistance clusters with a precision, that cannot be found anywhere else.
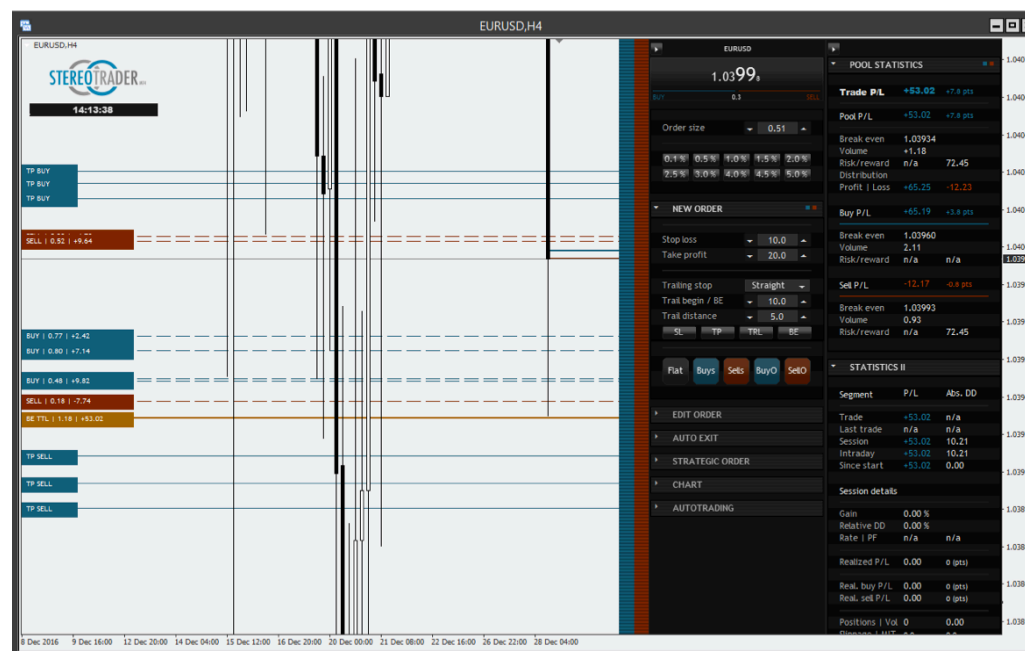
Strategic Orders – or why StereoTrader MT4 beats usual CFD-Trading!

Besides standard ordering by sending a market order or placing pending orders, StereoTrader MT4 comes with some order algorithms which are able to beat any future, any certificate or any standard CFD order.

These algorithms are embedded in the *Strategic Order* panel. The buttons „*Long*", „*Side*" and „*Short*" open a set of orders according to the assumed direction and based on the selected algorithm. If „*Stay*" is selected, the active algorithm stays in market and places a new set of orders after the previous positions were closed.

The sense behind this algorithmic ordering can be explained by a simple example:

October, 1st 2015. Trader A and trader B, both decide to go long for a swing in German DAX. Trader A uses a normal CFD platform, trader B uses the strategic order preset „*Swing*" of StereoTrader MT4.
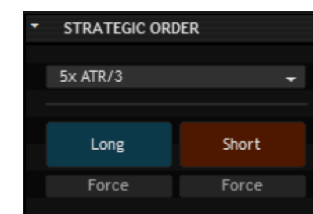
Trader A risks 5 USD per point, trader B starts with 20 cent per point.

The start price of the DAX is 9.765 points, the end price on December, 4th 2015 after a small crash is at 10.872 points. These are the results:

Trader A (CFD) profit: 5.638 USD with one contract. Initial drawdown 1.375 USD, max drawdown 2082 EUR. Paid spread 10 USD by assuming 2 points .

Trader B (StereoTrader MT4) profit: 12.844 USD with 743 contracts total. Initial drawdown 1.375 USD, max drawdown 2.742. Paid spread 5.224 USD.

In other words: Approximately double profit by same risk and 5.000% spread costs by using a simple strategic order preset.
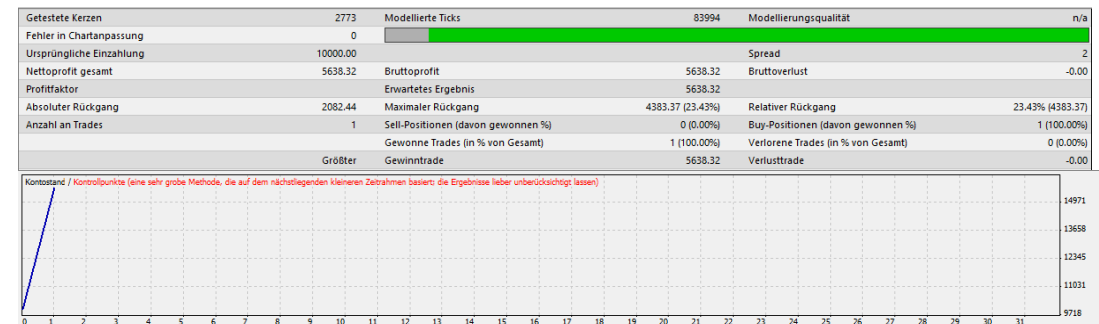
The Power of Strategic Orders vs. usual Orders.

Another issue with Strategic Orders is, that such algorithms can be combined with any integrated filter and any 3rd party filter developed for StereoTrader MT4. This way it´s possible to create own automated strategies without the need for programming.
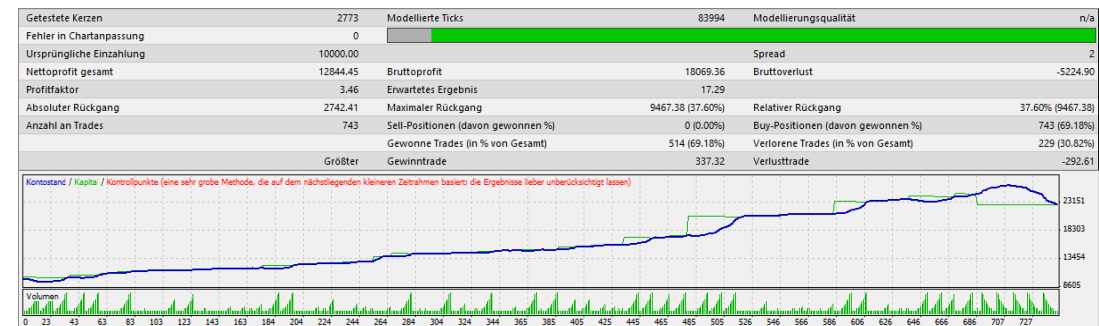
Trader A – Swing trade with normal CFD platform
Profit: 5.638 USD. Initial drawdown 1.375 USD. Max drawdown 2.082 USD. Spread costs 10 USD.

Getestete Kerzen	2773	Modellierte Ticks	83994	Modellierungsqualität	n/a
Fehler in Chartanpassung	0				
Ursprüngliche Einzahlung	10000.00			Spread	2
Nettoprofit gesamt	5638.32	Bruttoprofit	5638.32	Bruttoverlust	-0.00
Profitfaktor		Erwartetes Ergebnis	5638.32		
Absoluter Rückgang	2082.44	Maximaler Rückgang	4383.37 (23.43%)	Relativer Rückgang	23.43% (4383.37)
Anzahl an Trades	1	Sell-Positionen (davon gewonnen %)	0 (0.00%)	Buy-Positionen (davon gewonnen %)	1 (100.00%)
		Gewonne Trades (in % von Gesamt)	1 (100.00%)	Verlorene Trades (in % von Gesamt)	0 (0.00%)
	Größter	Gewinntrade	5638.32	Verlusttrade	-0.00

Trader B – Swing trade with StereoTrader MT4 strategic order
Profit: 12.844 USD. Initial drawdown 1.375 USD. Max drawdown 2.742 USD. Spread costs 5.224 USD.

|				
Getestete Kerzen	2773	Modellierte Ticks	83994	Modellierungsqualität	n/a
Fehler in Chartanpassung	0				
Ursprüngliche Einzahlung	10000.00			Spread	2
Nettoprofit gesamt	12844.45	Bruttoprofit	18069.36	Bruttoverlust	-5224.90
Profitfaktor	3.46	Erwartetes Ergebnis	17.29		
Absoluter Rückgang	2742.41	Maximaler Rückgang	9467.38 (37.60%)	Relativer Rückgang	37.60% (9467.38)
Anzahl an Trades	743	Sell-Positionen (davon gewonnen %)	0 (0.00%)	Buy-Positionen (davon gewonnen %)	743 (69.18%)
		Gewonne Trades (in % von Gesamt)	514 (69.18%)	Verlorene Trades (in % von Gesamt)	229 (30.82%)
	Größter	Gewinntrade	337.32	Verlusttrade	-292.61

Automated Trading

An API (advanced programming interface) which enables to turn any simple indicator into an indicating expert advisor (SEA) is provided.

The built in Estimator allows for backtesting of strategies in realtime at full visual control. As soon the user changes any setting at the panel, the backtesting result is updated within seconds (see picture)

Three slots are provided for parallel usage of up to 3 automation processes. Such processes may be full automated strategies, filters or any remote automation for the platform.

StereoMQL, a high level class, which is based on MQL5, reduces the effort, which is necessary to create any automation process to an absolute minimum, but the same time a maximal result is achievable.
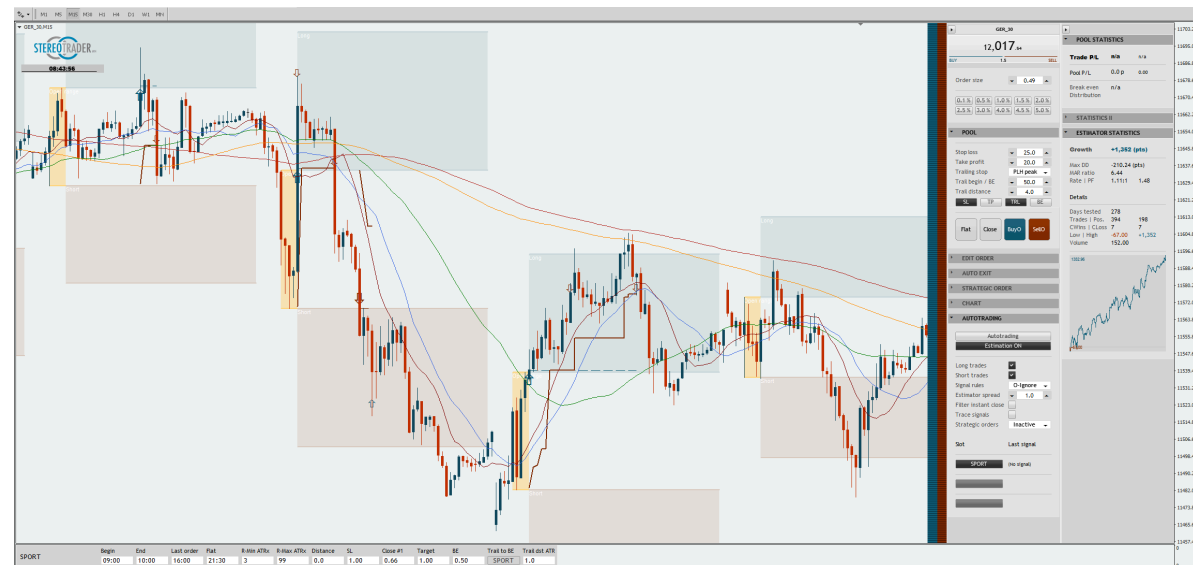
Isolated Strategies

StereoTrader MT4 allows for trading of multiple strategies at the same time the same symbol and on the same account – without influencing each other, neither mathematically nor visually.

The screenshot demonstrates this. The left side shows a scalping session in EURUSD by using the M5 period, the right chart shows a midterm trade based on H1 period. As the picture shows, not only the statistical data is completely different, but also the trade lines on the chart.

This also makes it possible to trade automated and manually on the same instrument.

Customizable Design

Graphical algorithms use plenty of CPU time, especially light effects and curves. StereoTrader MT4 uses both, whereby the architectural design deals with CPU time and human perception in a way, that there is never more visual output than a human brain can record. In other words: The visual look is never paid by lack of monetary performance.

StereoTrader MT4 comes with a predefined set of chart themes and layout styles as well as an automated mode which adapts the user defined colors of the chart.

Furtheremore the graphical engine of StereoTrader MT4 is vector based and by this fully scalable. This allows for usage of the platform with standard resolution monitors as well as with high resolution screens at maximal sharpness.

Feature Overview

Four different trading models

- Stereo Future – all particular positions are fully accumulated and orders are compensated/netted
- Stereo Hedge – particular positions are accumulated into one virtual position per direction
- Single Hedge (MT4 standard) – all orders are manged independently
- Single Net – all positions and orders are managed independently but opposite orders are netted/compensated
- Non-hedging modes can be managed FIFO or LIFO based.

True one click trading support for:

- Open position
- Open reversing position (close opposite or compensate opposite)
- Place limit order
- Place reversing limit order
- Place stop order
- Place reversing stop order
- Send *Market Trail* order
- Place dynamic pending order which follows SMA
- Close all and disable all automatiions (flat/panic)
- Close all positions (netting modes)
- Close all particular positions which are in profit
- Close positions per direction (hedging modes)
- Close all particular positions which are in profit per direction (hedging modes)
- Delete orders per direction
- Delete single order
- Place stop or limit order grid
- Adjust/place SL visually
- Activate/deactivate SL
- Delete SL
- Adjust/place TP visually
- Activate/deactivate TP
- Delete TP

- Place trail trigger visually (position where trail starts)
- Activate/deactivate trail
- Select trailing type
- Activate/deactivate break even save function
- Manual break even
- Direct trail

Advanced order types:

- Synthetic MIT orders (market if touched) for SL, TP, stop and limit. Invisible for the brokers server, handled by StereoTrader without limitations in view of distance and amounts
- MIT limit pullback orders (filled when limit reached and price pulls back a specific amount of points)
- MIT Market-Trail order (follows the price movement like a trail stop and gets filled when price moves back into the chosen direction)
- Any such order can be dynamically trailed by distance to price, custom moving average, specific number of periodic highs/lows
- Strategic grid order with progression to reduce risks without cutting the profit
- Order attribute OCO cancels all other orders when filled
- Order attribute CO forces deletion opposite orders when filled
- Order attribute REV forces closing of opposite direction when filled
- Order attribute NET compensates opposite positions by the size of the new order

History trading

- Uses the strategy tester of MT4 for unlimited manual trading in history
- Backtest SEAs (StereoTrader Expert Advisors)
- Additional backtest features, such as slow down visual backtest when a position gets opened, compound interest calculation, or „equity trading" which changes the position size defensive or offensive based on the success rate
- Additional measurement for real drawdown (equity based), profit factor and potential risk in realtime during testing

Daytrading statistics

- Real Trade P/L shows correct profit or loss, beginning from the first position, ending with the last particular position. Useful to keep control when hedging or adding/closing additional particular positions.

- Break even display per direction as well as for full accumulation for both directions. Displayed by labeled lines and by numbers.
- Realtime session statistics including drawdown, profit factor, gain, success rate and realized P/Ls
- Results per intraday and session

Isolation

- Unlimited strategies with different charts, with the same instrument and on the same account without influencing one another, neither visually by trade-lines nor mathematically by statistics

True one click chart features

- Switch between different visualisations for the price line
- Switch chart scale between auto and user-defined
- Show/hide lines for intraday high and low
- Show/hide lines for fibonacci levels (intraday, previous day, intraweek, previous week)
- Show/hide lines for previous day high and low
- Show/hide automated lines for support and resistance
- Show/hide pivot levels (previous day, previous week, previous month)
- Show/hide round marks
- Show/hide instrument specific lines and timezones (customizable)

Design

- Workflow without any interruptions. Any error messages are displayed in floating message-boxes. The trader is never forced to reply on any message during trading.
- The visual kernel is fully vector based created from scratch, optimized for trading purposes without decreasing the performance of any trading processes
- Interactive trading levels/lines with labels including order size, level, profit, different colors for long and short positions
- Panels are arranged in stacks and can be minimized/maximized as well as undocked and placed anywhere on the chart
- Auto hiding/showing functionality when chart is smaller/bigger a specified size
- Manual hiding/showing of all panels by clicking the shift-button at the toolbar
- Market orders are sent by clicking onto the price
- Pending orders are placed visually by one click onto the Pole
- Spread warning (turns red when spread exceeds limit and denies any market orders and avoids filling of MIT orders)
- Many different predefined layouts and fine tuned themes for different tastes
- High visual and interactive performance also during volatile phases

Automated exits

- By advanced trailing SL with specific start trigger and optional break even saving. Trailing modes: Distance to price, distance to custom moving average, distance to specific number of periodic highs/lows , candlestick market rules
- By reach of a specific drawown or growth
- By accumulated point results (hedging modes)
- By absolute trade P/L, fixed or trailed exit
- By reach of a specific time

Automated trading (StereoMQL)

- Realtime estimation of strategies build with StereoMQL – results without backtesting at full visual control of entries, stop loss movements etc.
- Automation of own custom stop loss logics (trend line, step-stops etc.) or further automated exits
- Definition of trading filters
- Sending simple buy/sell signals without managing the exit (Standard mode)
- Creating complex strategies by using any of the integrated order types and their automation, defining own exits, control any other integrated algorithm for trailing stops, equity based exits, OCO orders etc. (Advanced mode)
- Up to 3 automation clients per chart
- Full visual control of all parameters during live trading and backtesting due to remote functionality

Other

- Position size can be calculated by risk
- Orders sent outside StereoTrader MT4 are recognized and added to the order pool in realtime
- Commissions are virtually includeable into the spread to be recognized during order placement, trailing of stops and statistics
- Fully customizable interpretation of a „point" in view of monetary worth and relation to the quote
- Clock including visual progression of current timeframe
- Conversion of server time to local time

Compatbilty

- StereoTrader MT4 is created from the scratch by 100% based on MQL5 which pledges a compatibility of 100% to any local installation of MetaTrader4.

Developer

Dirk Hilger
Gottesweg 64
50969 Cologne
Germany

info@stereotrader.net

Trade with success.