



MATRAS Client

User's Manual

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Dear User

You have just installed MATRAS (Mathematical Trading System) software developed by our company, able to fully automate complex business strategies and high speed decisions and implement individual trades.

We hope you enjoy this product and services we provide.

Authors

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Introduction

MATRAS (Mathematical Trading System) software is developed by Credit Trading Ltd., and is able to fully automate complex trading strategies and decide and make individual trades at a very high speed. Our system runs on servers that are fully backed up and constantly monitored. MATRAS allows simulation of all available time frames and situations in the markets so that each client knows in advance what might be expected from trading strategies. The system can automatically calibrate and adapt to the changes during the trading day.

MATRAS simulator can test multiple trading strategies on different currency pairs at the same time using historical data. Unlike classic backtesting that can test only one strategy on one pair at a time. There is no difference in user interface between the simulator and live Matras. There is a wide range of simulation speed. Slow simulation is the same speed as live trading. The fastest simulation can run a whole day data in a few seconds. MATRAS software offers the possibility to test a strategy on both minute and "tick" data. The use of "tick" simulation data is slow, but the results are much more realistic.

Conventions

In this document, the following typographical conventions are used:

Italics Italics are used for links within this document.
Courier font Courier is used in examples, descriptions of parameters, etc.



Step by step example

Segment with an example.



Note

Segment with a description of a note.



Warning

Segment with a warning or caution.

Installation

Before you begin to install the program, check whether your computer meets the technical requirements needed for installing and running the MATRAS program. The minimum recommended computer configuration for working with the MATRAS program is:

- Processor 2.0 GHz
- Windows XP Pro SP2, Vista (32 or 64 bit) or Win7 (32 or 64 bit), Win 8.1 (32 or 64)
- 1 MB RAM for Windows XP
- a minimum of 500 MB of free space on the hard drive (part of this space must be on the disk where Windows is located)
- 17" monitor (resolution: min. 1024x768), using two monitors is optimal
- network 100 MBit, TCP/IP protocol

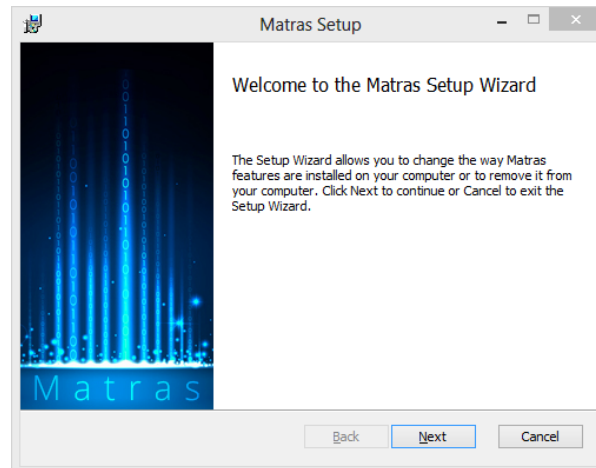


While performing difficult operations, such as simulating transactions, you may encounter a lag in responsiveness. This problem can be solved by improving the performance of the computer by changing the processor and increasing the amount of operating memory.

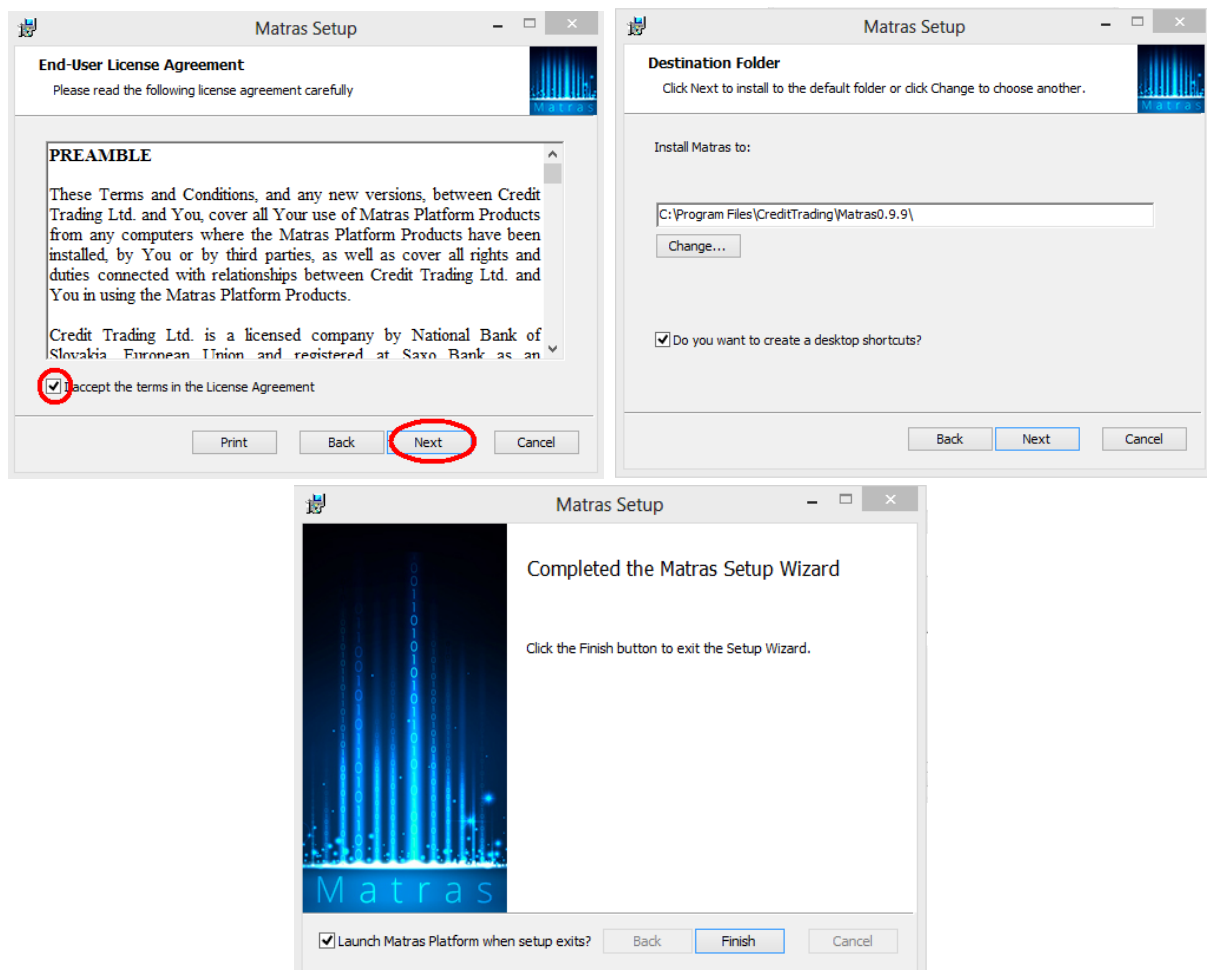
You can download our software for free at: <http://matrasplatform.com/downloads/>

How to install Matras

To install the Matras program, download it from our website and double click on the **installation icon**. Windows sometimes blocks installation of new programs, so avoid it by ignoring the safety recommendations.



Read and accept the terms and conditions. Select destination folder. And you are ready. Finish the installation and you should see new LOGIN window.



Operating the program

Operating the program: general



To open the **Matras** program, double-click on the program icon which was created on your desktop (the program icon, i.e. the link on the desktop, was created automatically during the installation).

After opening the **Matras** program, a login window will open. Since this is your first time using the software you need to register your user name and password. Select DEMO account and click on **Register new account**. If you like to register LIVE account please contact us at : liveaccounts@matrasplatform.com . To register LIVE account you need to submit various official documents.

A screenshot of the 'Login' window. It has a title bar 'Login'. Below it are two input fields: 'Login name' with 'user' and 'Password' with '*****'. There is a checked checkbox for 'Save login'. Below that are two radio buttons for 'Server': 'Demo' (selected) and 'Live'. A red circle highlights the 'Demo' radio button. Below the radio buttons is a button labeled 'Register new account' which is highlighted with a red rectangle. At the bottom are 'Log in' and 'Cancel' buttons.

Type in the Login name and Password, choose account size and name with valid email address. The DEMO account will be created first. Once you are ready with LIVE account, please contact us via liveaccounts@matrasplatform.com

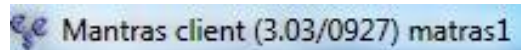
After successful registration Matras will open .

A screenshot of the 'Register' window. It has a title bar 'Register' and a subtitle 'Register and login on demo server'. Below it are five input fields: 'Login name', 'Password', 'Confirm password', 'Account size' (with a dropdown menu showing '5000'), 'Name', and 'Email'. At the bottom are 'Register' and 'Cancel' buttons.



Save your login information (user name and password) only if you run the MATRAS program on your own computer.

The upper bar of the window in the Matras program contains the program version number and the name of the User running the program.

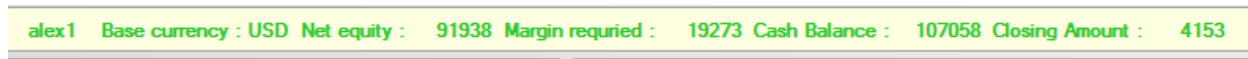


The number in parentheses indicates the version of the program which is currently being used and the username of the client who is currently using it.

The main menu of the program with the selection of individual modules is located below the upper bar of the program.



The information panel, located below the main menu, shows the main information about the user's account.



If you have closed the information panel, it is possible to open it again by choosing "Account" in the main menu.

The workspace is located below the information panel of the program; it displays information about each module, including:

- Open deals (GlobalOpenDeals and OpenDeals#1, #2, ... #10)
- Climbers
- Working orders
- Signals
- Quotes
- Closed deals

The screenshot displays the GlobalOD trading platform interface, which is organized into several functional modules:

- DPM - Open Profit Monitor:** Features controls for 'All open deals', 'PIP Profit', and '\$ Profit' with input fields for profit (+) and loss (-).
- DPM - Cumulative:** Includes options to 'Close all deals', 'Reset', and 'Don't stop climbers', along with 'PIP Profit' and '\$ Profit' buttons.
- DPM - DD:** Provides a 'Close all deals on DD (Min. Profit / DD)' option with a 'PIP Profit' button.
- Summary Bar:** Displays 'Total open deals: 73', 'Total open miniLOs: 292', 'Total PIP P/L: -4780 \$', and '\$: -5361.4400'.
- Open Deals Table:** A table listing individual trades with columns for Symbol, Open time, DF, Direction, Size, Open price, Profit tar..., and Last price.
- Climbers:** A table showing active climbing orders with columns for ClamberID, Symbol, Operation, Formula, S.Price, Interval, Prereq, Status, Aver.Price, Closed PL, and Open PL.
- Closed Deals:** A table listing completed trades with columns for Symbol, DF, Direction, Size, Open time, Open price, Close time, Close price, PIP P/L, Total \$ P/L, ClamberID, and Open.
- Summary Bar (Closed Deals):** Shows 'Total closed deals: 58', 'Total closed miniLOs: 232', 'Total PIP P/L: 2696 \$', and '\$: 2171.82'.
- Summary Bar (Bottom):** Displays overall account statistics: 'Base currency: USD', 'Net equity: 91971', 'Margin required: 19273', 'Cash Balance: 107058', and 'Closing Amount: 4186'.

The workspace contains the individual modules grouped into logical units. The User can move the windows between groups, change the location and layout of the windows and detach them for free manipulation.



How to arrange the panels ...

... click the left mouse button on the tab of the panel (or its upper bar) that you wish to relocate ...

The screenshot shows the Matras platform interface with several panels. The top navigation bar includes tabs for Manual deals, Climbers, Script module, Open deals, Working orders, Closed deals, Quotes, Settings, Account, Signals, Dynamic parameters, and About Matras. The 'Signals' tab is highlighted with a red circle. Below the navigation bar, there are three OPM (Open Profit Monitor) panels: OPM - Open Profit Monitor, OPM - Cumulative, and OPM - DD. The main workspace contains a table of open deals and a table of closed deals. The 'Signals' panel is also visible, showing a table of signals for EURUSD. A red circle highlights the 'Signals' panel content area.

... placing it on a free space will display navigation elements to locate the panel within the workspace of the program ...

The screenshot shows the Matras platform interface with a panel being moved. The 'Signals' panel is highlighted with a red circle. The navigation elements (arrows) that appear when the panel is moved are also highlighted with a red circle. The background shows a table of open deals and a table of closed deals.

... placing a window on an existing panel will display controls for repositioning the panel as a tab. Placing the panel on the navigation elements will highlight the new location of the panel ...

The screenshot shows the Matras client interface with a window titled 'TPV Profit Member' being repositioned. A red box highlights the window's title bar, and a red arrow points to the text 'move to left panel'.


move to left panel


Symbol	Direction	Size	Average price
EUP-JSD	Short	6	1.3256
EUP-JPY	Short	20	1.3333
EUP-HUSD	Short	28	1.3353
EUP-USD	Short	24	1.3237
EUP-JSD	Short	76	1.3317
EUP-JSD	Short	4	1.3233
EUP-JSD	Short	0	1.31333
EUP-HUSD	Short	24	1.3317
EUP-JSD	Short	12	1.3317
EUP-JSD	Short	00	1.3263

Symbol	OrderID	Operation	Type	Size	Price	OrderID	Open/Defit
USDJPY	7058910	Buy	Stop	4	102.1400	11220	5
USDCHF	7204452	Sel Short	Stop	4	0.8907	0205	3
USDCHF	7088779	Sel Short	Stop	4	0.8926	5115	1
EURUSD	7088950	Buy	Stop	4	1.3590	5220	4
EURUSD	7088851	Sel Short	Stop	4	1.3590	2175	1
EURUSD	7088485	Sel Short	Stop	4	1.3611	4553	2
EURGBP	7088905	Sel Short	Stop	4	0.8066	1210	6

The status bar of the program contains information about the Internet connection and the current state of the User's account:

Base currency : USD	Net equity : 100000	Margin required : 0	Cash Balance : 100000	Closing Amount : 0
Base currency	Cash on hand	Margin	Cash Balance	Current value of opened positions

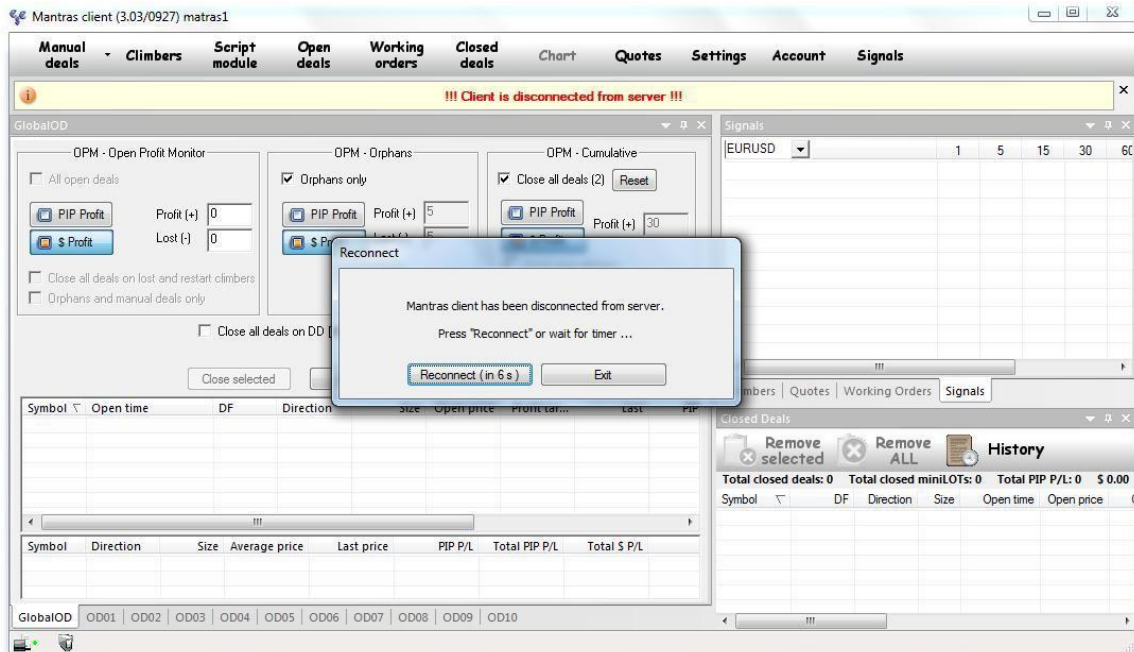
If the computer is connected to the internet and the connection is running, on the left side of the status bar there will be an icon  with a moving green ball.

If there is a problem with the connection, the following icon will appear:  and in the information box there will be the following information: "!!! Client is disconnected from server. !!!". Information in the workspace windows will be deleted and a dialog box enabling the reconnection to the server will appear.



Problems with connections may not be caused by the server, or the client you are working with. Most frequently the problem will be in the connection to the Internet, or a disruption of service by the Internet provider. If there is a problem with the connection, check the availability of internet services using a web browser installed on your computer (Internet Explorer, Mozilla, Opera, ...)

In case of a failure to reconnect to the server, the program will periodically try to connect to it.



Control elements

The main program menu contains the offer of the individual modules.



Manual deals

The “Manual deals” module enables users to enter transactions manually.

Climbers

The “Climbers” module displays a list of “climbers” created and enables users to set their parameters.

Script module

The “Script module” module enables users to create scripts to develop “climbers” as a reaction to arising events.

Open deals

The “Open deals” module displays information about open transactions and enables users to set their parameters.

Working orders

The “Working orders” module displays transactions awaiting processing and enables users to process them.

Closed deals

The “Closed deals” module displays a list of closed transactions in a given period.

Quotes

The “Quotes” module displays the current price of each of the currency pairs.

Settings

The “Settings” module enables users to set parameters of the MATRAS program.

Account

The “Account” module displays information about the state of the account. If a client has several accounts, he/she can switch among the accounts.

Signals

The “Signals” module displays information about each of the signals.

Dynamic parameters

Enables users to change some characteristics of the Climber in real time.

Manual deals

The “Manual deals” module enables users to enter transactions manually for each currency pair and set the required data for conducting the trade.



The “MATRAS” program enables users to have up to 10 transactions prepared, i.e. the user sets all the parameters for entering trades for selected currency pairs; the dialog window for the pair can be closed, and when the user wants to conduct the trade, he/she can reopen it from the program menu ... image ... and enter an order for the transaction.

Choose a currency pair

Price at which the transaction will take place.

Selects the “Open deal” window where information about the transaction will be displayed.

Current “Bid” price of the deal

Conduct the “Bid” transaction

Chooses the type of transaction: “Market”, “Limit”, “Stop”.

Button to display or hide the expanded window enabling users to enter the “Deal formula” for the transaction.

Semantic entry of the “Deal formula”

Current “Ask” price of the deal

Conduct the “Ask” transaction

Check box for requiring a confirmation of the transaction.

The “Bid (Sell)” and “Ask (Buy)” buttons are enabled only when the data entered permit such a transaction to enter a broker.

The “ASK” price is the price which the seller is willing to accept for his/her currency. The opposite of the “ASK” price is the “BID” price and the “ASK” price is always higher than the “BID”.

The “BID” price is the price the buyer is willing to pay for a specific currency at a specific time.

The “Manual Deals” module enables users to enter three types of transactions:

- **Market**
A market transaction is performed at the current price of a given currency pair.
- **Limit**
If the current “Bid” price is 1.3042, the “Ask” price is 1.3045 and the price at which the transaction should be performed is lower than the “Bid”, then the “Bid” transaction cannot be conducted. If the price is higher than the “Ask” price, then the “Ask” transaction cannot be conducted.
- **Stop**
If the current “Bid” price is 1.3042, the “Ask” price is 1.3045 and the price at which the transaction should be performed is higher than the “Bid”, then the “Bid” transaction cannot be conducted. If the price is lower than the “Ask” price, then the “Ask” transaction cannot be conducted.

When viewing the expanded window enabling the entry of the “Deal formula” for the transaction, the input fields for entering the data appear on the right.

Manual deal #1

EURUSD Market

Price [] []

Global OpenDeals

Deal formula

1(30) {T 20/18/10/5} [10]

1.3070 1.3072

Bid (Sell) Ask (Buy)

Confirm deal

Deal formula

MiniLOTS 1

PIP profit (Individual deals) 30

STOP loss (Individual deals) 10

Profit STOP 20

STOP gap 18

Static Trailing 10 / 5

Number of miniLOTS closed at Profit STOP Entry 0

Explanations

MiniLOTS – size of transactions in miniLOTS

PIP profit (individuals deals) – value at which a deal is closed with a profit

STOP loss – value at which a deal is closed with a loss

Profit STOP – the profit value at which a transaction insures itself with a static or trailing stop and a secure transaction occurs

STOP gap – size of the gap between the current price and the hedged stop. (e.g. if the Profit STOP is set at a value of 20 pips and we want the stop loss to shift the entry to +2 Pips, the STOP gap will be 18 pips.)

Deal Formula

Static – static secured stop (when the transaction reaches a profit of 20 pips, the stop shifts the entry to +2 pips. In the event of another shift, the static stop will not move)

Trailing – the first field sets how many pips the profit must be increased by for the Stop Gap to increase by the number of pips entered in the second field (e.g. if we want the STOP gap to shift by 5 pips after another 10 pips, we enter the values of 10 / 5)

Number of miniLOTS closed at Profit STOP entry – number of miniLOTS which we can, if we want, close when the Climber reaches the Profit STOP value.



The “Bid (Sell)” and “Ask (Buy)” buttons are enabled only when all data entered enable the creation of a “Deal” formula.



Example for entering a transaction:

1. Choose a currency pair
2. Select the Market / Limit / Stop
3. Enter the price, if using the Limit / Stop
4. Choose the Open Deals window where the transaction will be conducted
5. Fill in the Deal formula

Climbers

The “Climber” module is the core module of the MATRAS platform, which enables the User to create complex trading strategies. To simply things, every “Climber” represents a group of transactions that aim to achieve a desired profit. Just as a climber climbs a rock looking for suitable grips where he/she can hold on to and ascend higher, occasionally he/she will descend and find a more appropriate path to the peak, the “Climber” module also searches for suitable prices on the market to enter its orders/transactions and progresses toward the desired profit. However, it is up to the trader to decide what strategy to create, whether to choose a steeper or less steep rock, the degree of risk, and security.

The “Climber” is an automatic tool used to enter transactions based on preset parameters. Trades are performed upon fulfilling the conditions specified during the creation of the “climber”, e.g. on a certain day, at a certain exchange rate of the currency pair, etc.

The “Climbers” module contains a list of all “climbers” and information about their status. In the upper part of the window, there is a menu enabling the User to work with each “climber”.

ClimberID	Symbol	Operation	Formula	S.Price	Interval	Prereq.	Status	Aver.Price	Closed PL	Open PL	Note
7(0)	EURCHF	Buy	1	-20	20	1	Stopped	0	0		
6(211)	USDCHF	Sell	1	-20	20	1	Running	0	0		
2(219)	EURUSD	Sell	1	-20	20	1	Running	0	0		



Shows a window with detailed information about the “Climber” selected.

Offset	Price	OrderID	Status	PIP P/L
+0	0.9242	6233872	Filled	+53
-20	0.9222	6233938	Filled	+33
-40	0.9202	6234293	Filled	+13
-60	0.9182	6234339	Filled	-7
-80	0.9162	6234444	Working	+0



Removes the selected “Climber” or selected “Climbers”.



Starts or stops selected “Climber(s)”.





Starts or stops all “Climbers”.

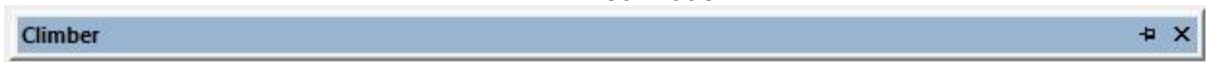


Individual items in the menu are enabled, or disabled, according to whether those operations are possible. E.g. if no “Climber” in the table is selected, the first three items in the menu are not enabled.

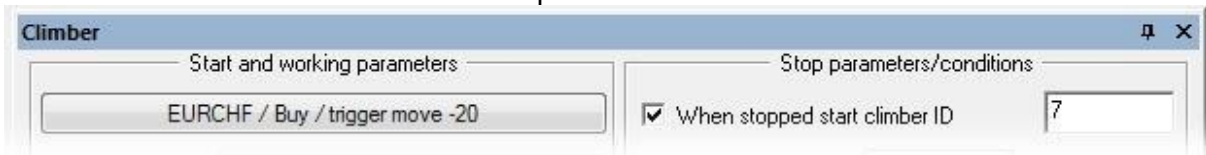
If the window with the parameters of the “Climber” is not open upon starting the program, it can be opened from the main menu by clicking on **Climbers**, or by double-clicking on the chosen “climber” in the list of “Climbers”.

The “Climber” window can be switched between the minimized and expanded modes by clicking on the   icons.

... minimized mode ...



... expanded mode ...



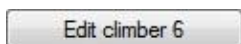
All parameters necessary for creating a new “climber” or modifying the parameters of an existing “climber” are set in the “Climber” window.



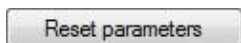
Individual fields for entering parameters are enabled depending on if they are needed, e.g. if “start time” field is not selected, the fields for entering a time and periodicity are not enabled. Similarly, the “Add climber” and “Edit climber” buttons are enabled only if the parameters entered allow for the creation, respectively the editing, of the “climber”.



Creates a new “Climber” according to the parameters entered.



Edits the parameters of an existing “Climber”.



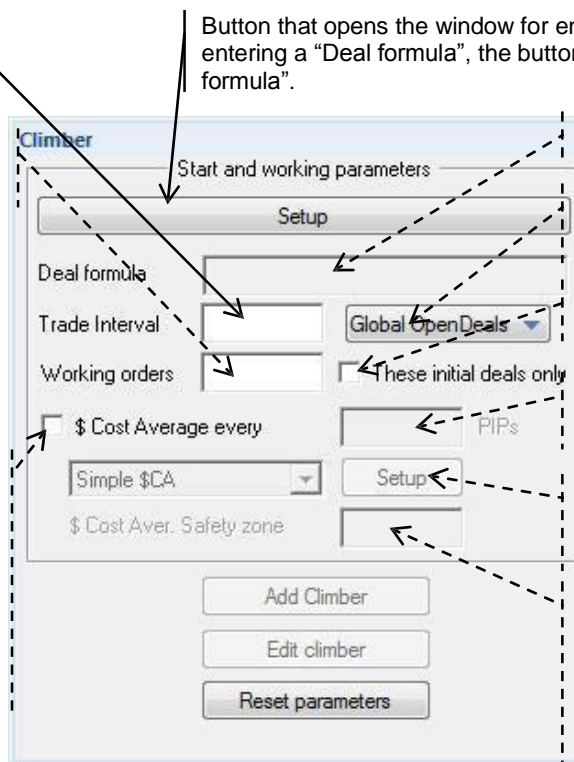
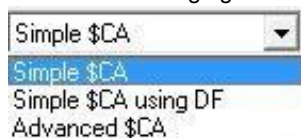
Resets the parameters set in the dialogue box.

Setting the parameters for starting and running the "Climber" is performed using the parameters on the left side of the dialog box.

Distance between adjacent transactions (between the Climbers already set)

Number of desired transactions from the current price (min 1)

Chooses the "Cost Average" method for averaging



Button that opens the window for entering a "deal formula". After entering a "Deal formula", the button contains the basic data of the "deal formula".

Semantic inscription of the "Deal formula"

Selects the "Open deal" window where new transactions will be generated

The Climber performs only the number of transactions entered here

Number of pips to determine the average if the price runs counter to the climber

Setting the averaging for the "Advanced \$CA" possibilities are described below.

Safety zone – If the transaction is averaged after 100 PIPs and the Safety zone is 10, the market runs 110 PIP against it. When it returns by 10 to -100 it will start to average. Thus it must pass the border of 110 to meet the safety zone and start to average, if it is -105, the safety zone is not met and it will not average.

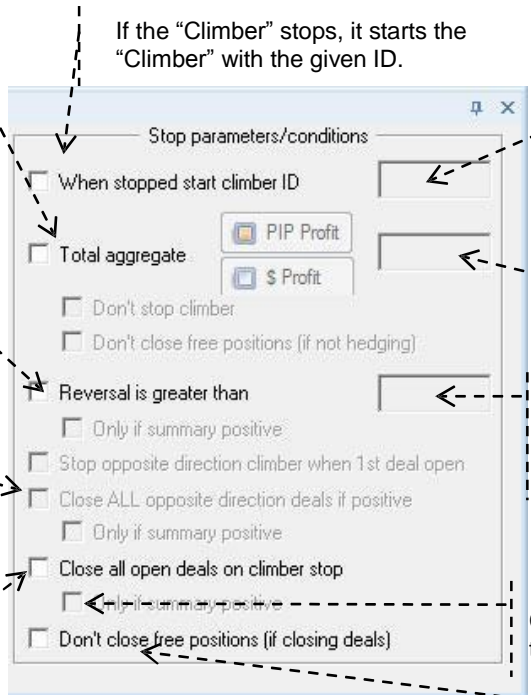
Parameters for stopping, or the conditions for stopping, the "Climber" are defined on the right side of the dialog box.

Total aggregate profit which stops the Climber.

Stops the Climber if the price runs opposite.

For Buy and Sells, after opening the first transaction, it closes transactions in the opposite direction.

Closes all transactions when the Climber stops.



If the "Climber" stops, it starts the "Climber" with the given ID.

ID of the "Climber" to run after stopping the current "Climber".

Level of profit which stops the "Climber".

Number of pips the price must fall by from the highest price reached during its operation (if LONG).

Closes all opposite positions if they are profitable.

Does not close hedged transactions (they are secured by a static or trailing stop).

The "Starting price" of the Climber can be either an absolute value ...

Choose the type of deal:

- Buy
- Sell
- Hedge (Buy & Sell)

Choose the currency pair in which the "Climber" will perform the deal.

The "Ask" starting price is given by the value of the currency pair.

The "Bid" starting price is given by the value of the currency pair.

Price range where the climber can conduct its transactions.

Depending on the type of transaction either both fields are allowed or only one of them.

The "Upper" value can be assigned for a Climber's "Buy" or "Hedge".

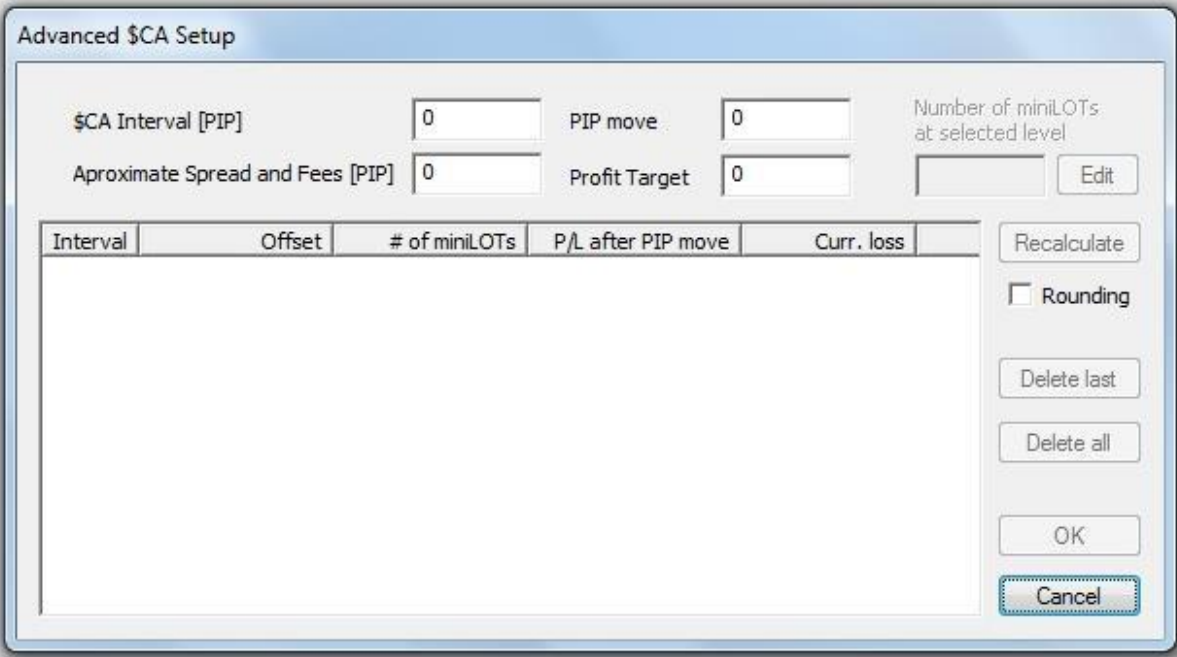
The "Lower" value can be assigned for a Climber's "Sell" or "Hedge".

Filling out the "Deal" formula is the same as for manual deals described above.

... or a shift from the value of the currency pair at the time the Climber was launched

The starting price is given by adding or subtracting the entered value from the current price. Example: 5 is a fixed price. -5 is the starting price (it will shift if the market goes in the opposite direction).

If the "Climber" has the "Cost average" enabled and the method chosen is "Advanced \$CA", the "Setup" button opens a window for setting average transactions.



The "Advanced \$CA Setup" dialog box contains the following elements:

- Input fields for "\$CA Interval [PIP]" (0), "PIP move" (0), "Aproximate Spread and Fees [PIP]" (0), and "Profit Target" (0).
- A "Number of miniLOTS at selected level" field with an "Edit" button.
- A table with columns: Interval, Offset, # of miniLOTS, P/L after PIP move, and Curr. loss.
- Buttons: Recalculate, Rounding, Delete last, Delete all, OK, and Cancel.

Interval	Offset	# of miniLOTS	P/L after PIP move	Curr. loss
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Open deals

The “Open deals” module contains information about open transactions. Open transactions can be clustered into groups of 1 to 10. Each group in the “Open deals” module has its own window, enabling the setting and altering of transactions assigned to that window; it also has a list of all transactions, a list of transactions according to currency pairs, information about the current state of transactions and buttons for working with transactions.

Marking the “All open deals” check box means that all conditions apply to all open transactions. When setting separate “Open deals”, the conditions are valid only for that window (OD01, OD02, OD03....)

Symbol	Open time	DF	Direction	Size	Open price	Profit tar...	Last


Symbol	Direction	Size	Average price	Last price	PIP P/L	Total PIP P/L	Total \$ P/L



Selecting from the list according to currency pairs (bottom pane) **highlights** all transactions with that currency pair and type of transaction in the upper pane.

The “Open Profit Monitor” enables the setting of parameters based on which the given transaction is closed for all open transactions in the window.

Check box to choose if the transaction will close based on PIP or \$ values




This setting affects all open transactions. Checking it will activate this function.

Value which closes the transaction

“Open Profit Monitor – DD” enables the closing of all transactions when profits fall.

Clicking this activates the function



Values can be entered in pips and in dollars. (1\$=10pips). It is possible to express the value in %. E.g.: 100/20%

Example: if we enter the value 100/20, the transactions must first earn a profit of 100 pips, and from that moment if the profit drops by 20 pips, all transactions close.

“Open Profit Monitor – Cumulative” enables the setting of additional parameters based on which all transactions will close.

Check box to choose if the transaction will close based on PIP or \$ values



This setting affects all transactions

Resets all settings


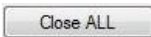
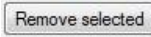
Value which closes the transaction

The information panel above the deals tables displays the current status of transactions in that window. If the deals result in a loss, this panel is shaded red; if there is a profit, it is green.

Total open deals: 3 Total open miniLOTS: 3 Total PIP P/L: -7 \$: -5,6080 Profit needed to Close All Deals(2): 35,6080

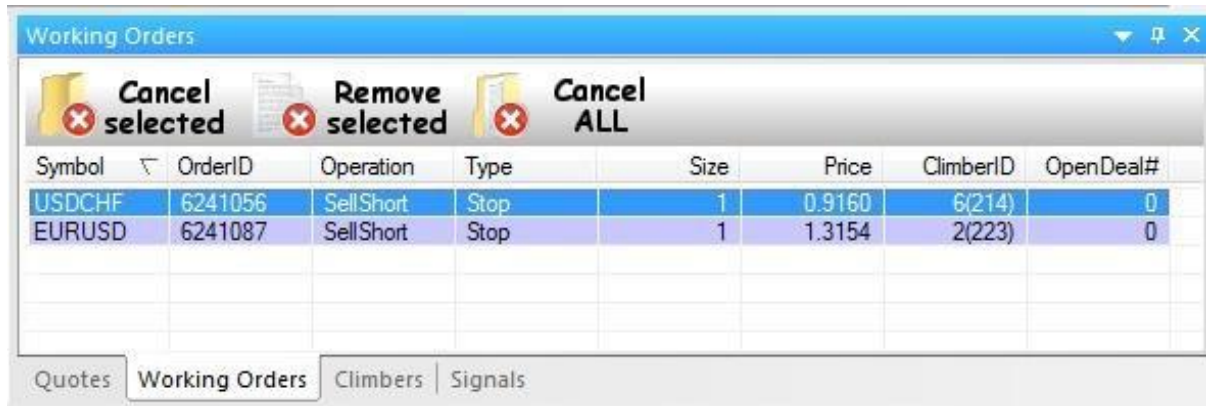


The color of the shading for loss/profit can be changed in the “Settings” module.

-  Closes **all selected** deals in the upper table.
-  Closes **all** deals in the upper table.
-  Removes the selected deals from the table.

Working orders

The “Working Orders” module shows a list of deals that are awaiting execution.



Symbol	OrderID	Operation	Type	Size	Price	ClimberID	OpenDeal#
USDCHF	6241056	Sell Short	Stop	1	0.9160	6(214)	0
EURUSD	6241087	Sell Short	Stop	1	1.3154	2(223)	0



Cancels **all selected** transactions awaiting execution in the upper table.



Removes **all selected** transactions in the upper table.



Cancels **all** transactions from the table.



Removing a transaction from the table (by selecting “Remove selected”) does not close this transaction at the Broker’s; it only removes it from the table. This function is used in exceptional cases when the Climber does not communicate with a broker.

Closed Deals

The “Closed Deals” module provides a list of closed deals for the given period. In the upper part of the window, there is an information panel with information about the overall profit, or loss, for all transactions displayed. In the event of a profit, the information panel is shaded green.

Closed Deals													
											Total closed deals: 3		Total closed miniLOTS:
Symbol	DF	Direction	Size	Open time	Open price	Close time	Close price	PIP P/L	Total \$... /	ClimberID	Open deal #	Closed by	
GBPUSD	1	Long	1	03.12.2012...	1.6093	05.12.2012...	1.6103	10 / -11	10.0000	--	0	Close All Deals command	
GBPJPY	1	Long	1	03.12.2012...	132.3000	05.12.2012...	132.7400	44 / -75	53.3720	--	0	Close All Deals command	
EURJPY	1	Long	1	03.12.2012...	107.3100	05.12.2012...	107.8400	53 / -39	64.2890	--	0	Close All Deals command	

In the event that the sum of transactions results in a loss, the information panel is shaded red.

Closed Deals															
											Total closed deals: 6		Total closed miniLOTS: 6	Total PIP P/L: -215	\$ -247.38
Symbol	DF	Direction	Size	Open time	Open price	Close time	Close price	PIP P/L	Total \$... /	ClimberID	Open deal #	Closed by			
EURJPY	1	Short	1	03.12.2012...	107.2900	05.12.2012...	107.8700	-58 / -69	-70.3540	--	0	Close All Deals command			
GBPJPY	1	Short	1	03.12.2012...	132.2700	05.12.2012...	132.7400	-47 / -50	-57.0110	--	0	Close All Deals command			
GBPJPY	1	Short	1	03.12.2012...	132.2700	05.12.2012...	132.7400	-47 / -50	-57.0110	--	0	Close All Deals command			
EURUSD	1	Short	1	03.12.2012...	1.3052	05.12.2012...	1.3089	-37 / -77	-37.0000	--	0	Close All Deals command			
GBPUSD	1	Short	1	03.12.2012...	1.6090	05.12.2012...	1.6106	-16 / -43	-16.0000	--	0	Close All Deals command			
EURUSD	1(30) [10]	Long	1	03.12.2012...	1.3059	03.12.2012...	1.3049	-10 / -10	-10.0000	--	0	Stop filled			



The color of the shading for a loss/profit can be changed in the “Settings” module.



Removes **selected** transactions from the list of closed deals. These transactions can be retrieved by clicking on the “History” button.



Removes **all** transactions from the list of closed deals.



Enables the retrieval of closed deals according to selected criteria.

The "History" button allows users to define which currency pairs and which period of time to display.

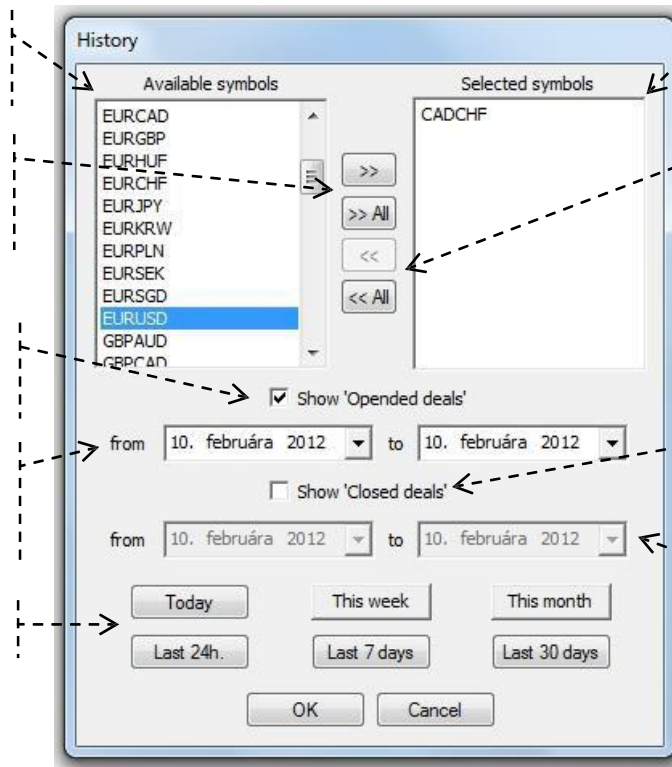
List of available currency pairs.

Selects the currency pair to display in the "Closed Deals" list.

Shows "open" transactions in the "Closed Deals" list.

Selects the period to display "open" transactions for

Preset periods.



List of currency pairs which will display in the "Closed Deals" module.

Removes currency pairs which will display in the "Closed Deals" module.

Shows "closed" transactions in the "Closed Deals" list.

Selects the period to display "closed" transactions for.

Signals

The "Signals" module displays a list of signals according to selected indicators. Signals may be either numerically, e.g. Market strength [%], ATR(50), or graphically displayed, indicated by an upward movement \uparrow , downward movement \downarrow or without a change $-$. In the event that the signal is not available, "N/A" is displayed.

EURUSD	1	5	15	30	60	240	D.	W.
ATR(7)	N/A	2	6	9	9	17	47	141
ATR(14)	N/A	3	6	8	8	18	60	151
ATR(34)	N/A	3	6	7	7	18	61	164
SMA(7)	N/A	13649	13646	13646	13648	13647	13673	13780
SMA(14)	N/A	13649	13646	13649	13651	13637	13721	13788
SMA(34)	N/A	13647	13648	13653	13650	13645	13769	13729
EMA(7)	N/A	13648	13647	13647	13647	13646	13672	13738
EMA(14)	N/A	13648	13647	13649	13648	13646	13711	13744
EMA(34)	N/A	13648	13648	13649	13647	13650	13736	13718
WMA(7)	N/A	13647	13648	13646	13646	13649	13661	13742
WMA(14)	N/A	13649	13646	13647	13650	13641	13687	13771
WMA(34)	N/A	13648	13647	13650	13650	13641	13725	13760
TS Signals								

Script Module

The “Script” module enables the creation of scripts which react to certain events, e.g. enabling, or disabling a “climber”, etc., and running predefined actions, e.g. suspending a “climber” or closing open transactions.

Scripts are performed in the order that they are listed. That is why the User can change their order, or enable or disable their implementation.

In the lower half of the “Script” module, there is a list of all scripts that have been entered (enabled and disabled). In the upper half, there are fields for setting the event parameters which the “script” module should react to and the actions which it should perform.

The screenshot shows the ScriptModule window with the following configuration:

- Event:** Climber started
- Disable after 1st time
- Climber ID: 1
- Cloused by ID: 0
- Offset from start price [PIPs]: []
- Frequency: Daily
- Time: 21:23:37
- Day of week: Friday
- Day: 10. febrúára 2012
- Action:** Start Climber
- Climber ID: 1
- Open deal window: Global OpenDeals
- Open Profit Monitor: Cumulative
- Profit type: PIP Profit
- Signal #: 0

Buttons: Add, Edit, Delete, Move Up, Move Down, Enable, Disable

ID	Event	Action	Status
1	Climber started (HID=1)	Start Climber (ID=1)	Yes
2	Open deals \$ profit crossed below -10.00 (OD# 155767363)	Start Climber (ID=7)	No

- Adds a new script.
- Edits the selected script.
- Deletes the selected script.
- Moves the selected script up.
- Moves the selected script down.
- Enables the execution of the selected script.
- Disables the execution of the selected script.

List of events to which the “Script” module reacts.

List of actions which the “Script” module can perform.

- Climber started
- Climber stopped - Manual Stop
- Climber stopped - Reversal Gap
- Climber stopped - Aggregated P/L
- Climber stopped - Market Deal Rejected
- Climber stopped - Stop Time
- Climber stopped - OPM - Cumulative
- Climber stopped - All Deals Finished
- Climber stopped - Stop All Climbers
- Climber stopped - Script Module
- Climber triggering
- Climber deal filled
- Climber deal finished
- Climber \$CA deal issued
- Climber \$CA deal filled
- Climber \$CA deal finished
- Open Profit Monitor
- Open Profit Monitor - Cumulative
- Bid price
- Open Deals PIP P/L
- Open Deals \$ P/L
- Time
- Matrix ALL signals synchronized
- Matrix NOT synchronized
- Matrix ANY one signal
- Matrix percentage synchronized
- Matrix ALL non-entry synch. and ANY entry
- Matrix ANY non-entry and ANY entry

- Start Climber
- Stop Climber
- Stop Climber if summary positive
- Stop Climber and close related deals
- Restart Climber
- Start All Climbers
- Stop All Climbers
- Close All Open Deals
- Close All Deals if positive
- Set OPM - Cumulative PIPs
- Set OPM - Cumulative \$
- Reset OPM - Cumulative
- Climber - set Trade Interval
- Climber - set Aggregated Profit [PIP]
- Climber - set Aggregated Profit [\$]
- Climber - set DF: Deal Size
- Climber - set DF: Profit
- Climber - set DF: Stop Loss



Parameter fields are enabled based on whether the event selected allows for the input of the corresponding parameters.

For “climber(s)”

The selected script is disabled after the 1st time it is run.

The selected “climber” is activated by the “climber” with the ID entered in this field.

Select the event which the “Script” module should react to.

If the “Script” module reacts to a change in status of a “climber”, its ID is entered here.

Event: **Climber deal finished**

Disable after 1st time Climber ID: 1

Caused by ID: 0

Offset from start price [PIPs]

21:23:37 Daily Day of week: Friday Day: 10. februára 2012

Event: **Bid price**

Disable after 1st time Climber ID: 1

Caused by ID: 0

EURUSD Bid price

21:23:37 Daily Day of week: Friday Day: 10. februára 2012

If the "Script" module reacts to price, the currency pair and the value which it should react to is entered here..

Event: **Time**

Disable after 1st time Climber ID: 1

Caused by ID: 0

Offset from start price [PIPs]

21:23:37 Daily Day of week: Friday Day: 10. februára 2012

If the "Script" module reacts to time, the time parameters are entered here.

Event: **Matrix ALL signals synchronized**

Disable after 1st time Climber ID: 1

Caused by ID: 0

Setup

21:23:37 Daily Day of week: Friday Day: 10. februára 2012

Signal matrix setup

EURUSD Reset Invert Cancel OK

	1	5	15	30	60	240	D.	W.
ATR(7)	N/A	o	o	o	o	o	o	o
ATR(14)	N/A	o	o	o	o	o	o	o
ATR(34)	N/A	o	o	o	o	o	o	o
SMA(7)	N/A	o	o	o	o	o	o	o
SMA(14)	N/A	o	o	o	o	o	o	o
SMA(34)	N/A	o	o	o	o	o	o	o
EMA(7)	N/A	o	o	o	o	o	o	o
EMA(14)	N/A	o	o	o	o	o	o	o
EMA(34)	N/A	o	o	o	o	o	o	o
WMA(7)	N/A	o	o	o	o	o	o	o
WMA(14)	N/A	o	o	o	o	o	o	o
WMA(34)	N/A	o	o	o	o	o	o	o
TS Signals	o	o	o	o	o	o	o	o



The parameter fields are enabled based on whether the event selected allows for the input of the corresponding parameters.

Action: **Start Climber**

Climber ID: 1

Open deal window: Global OpenDeals

Open Profit Monitor Cumulative: PIP Profit \$ Profit

Signal #: 0

Action which should be performed.

Refers to a selected Climber

Account

Module in which information about the account is displayed.

The screenshot shows a window titled 'Account / MultiAccount Info'. It contains a section for 'Current account info' with the following data:

Base currency	Net equity	Margin required	Cash Balance	Closing Amount
USD	99364	522	99886	0

Below this is a section for 'Open positions' with a table:

Symbol	Operation	Size	Traded	Last	PIP P/L	Total P/L \$
EURUSD	Buy	20000	1.3071	1.3071	0	0.0000

At the bottom is a section for 'Working orders (#)' with a table:

OrderID	Symbol	Operation	Size	Price	Type	Status
6459610	EURUSD	Buy	10000	1.3130	Stop	Working
6459609	EURUSD	Sell	10000	1.3060	Stop	Working
6459608	EURUSD	Sell	10000	1.3100	Limit	Working
6459607	EURUSD	Buy	10000	1.3110	Stop	Working
6459606	EURUSD	Buy	10000	1.3090	Stop	Working
6459676	EURUSD	Sell	10000	1.3062	Stop	Working
6459675	EURUSD	Sell	10000	1.3102	Limit	Working

- Avl. Enquity – available account balance
- Margin req. – blocked amount
- Closing Amount – current value of open positions.
- Cash – balance in the account
- Open positions – open transactions
- Working orders – pending orders

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The End